

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1964

ADELAIDE
THE GRIFFIN PRESS
1964

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1964

PART I

	Page
Preface - - - - -	5
Letters Patent - - - - -	9
Acts of Parliament - - - - -	11
Almanac - - - - -	35
Council, Committees, Faculties and Boards - - - - -	46
Officers of the University - - - - -	59
Former Chancellors, Vice-Chancellors, Wardens, Professors and other Officers of the University - - - - -	88
Clinical Teachers - - - - -	91
Representatives of the University - - - - -	104
Endowments and Gifts - - - - -	105
Statutes - - - - -	111
Standing Orders of the Senate - - - - -	194

PART II
See page 201

PART III
To be published as a supplement

PART IV
See page 551

PART V
See page 751

PART VI
See page 1051

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 33 acres.

The academic work of the University began in March, 1876, with four professors, three part-time lecturers, a Registrar-librarian, and 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, Applied Science, Business Management, Education and Town Planning, 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.

By the end of 1963 the University had conferred 10,802 degrees and 4,608 diplomas by examination, and 787 degrees and 15 diplomas by admission *ad eundem gradum*.

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.

The report of the Murray Committee on Australian Universities in 1957 marked the beginning of a new era of rapid expansion of the University, an expansion fostered by the Australian Universities Com-

mission in 1960. The building programme approved for the six years covered by the two reports at a cost exceeding £3,000,000, to be met jointly by the Commonwealth and the State, provided for new buildings for Arts-Economics-Law, the Biological Sciences, Physics, Chemistry, and Physical Education, and for substantial additions to the Library, the Medical School, the Engineering School and the Union Buildings. The reports also made provision for an increasing annual income to the University designed to provide for the rapidly growing demands upon it.

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; T. E. Barr Smith—£34,000 for a building for the Library, and £10,000 for the purchase of books; Sir Tom Barr Smith—£30,000 to endow two scholarships, one in Agricultural Science and the other for cancer research;

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;

↓ 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 £90,000 for cancer and medical research;

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

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

Mrs. Dora Holdsworth—£35,000 (estimate) for medical research.

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

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

LETTERS PATENT

Dated 22nd March, 1881

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

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

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

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

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

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

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

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

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

By Warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

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

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

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

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

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

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

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

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

Witness Ourself 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) W. W. HUGHES (L.S.)
 Richard B. Andrews, Solicitor, Adelaide.)

THE THIRD SCHEDULE

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.
No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

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

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

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

18b. No by-law shall be made—

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

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

No. 9 of 1950.

1. In these by-laws—

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

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

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

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

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

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

2. (1) No person shall wilfully trespass on the University grounds.
- (2) Every person reasonably suspected by an authorised person of trespassing on University grounds shall give his name and address to that authorised person upon being requested so to do.
- (3) Any person reasonably suspected by an authorised person of trespassing on the University grounds shall forthwith leave the University grounds if requested to do so by that authorised person.

*3. Any authorised person may remove any vehicle from the University grounds without assigning any reason.

*4. No person shall 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.

*5. No person shall park or leave in the University grounds in any of the places specified in the first schedule to these by-laws any vehicle unless the permission of the council has previously been given for the parking or leaving of such vehicle in such place.

*6. No person shall cause any vehicle to enter or leave the University grounds except in accordance with the rules set out in the second schedule to these by-laws.

*7. No person shall drive any vehicle on any of the roads in the University grounds specified in the third schedule to these by-laws except in the direction specified in respect of such road in the said third schedule.

*7a. No person shall park or leave any vehicle in the University grounds in such manner as to obstruct the passage of vehicles or pedestrians.

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.

* Allowed 9th January, 1964.

*13. No person shall ride, drive, or push a motor cycle on the University grounds except between either of the gateways on Victoria Drive and the motor cycle parking area in the vicinity of the said gateways.

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.

* Allowed 9th January, 1964.

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 FIRST SCHEDULE.

The Places Referred to in By-Law 5

1. All roadways within the University grounds.
2. The area south of the Bonython Hall bounded by a red line and marked with the figure 2.
3. The area north of the Prince of Wales Building bounded by a red line and marked with the figure 3.
4. The area between the Physics Building and the Maintenance Workshop bounded by a red line and marked with the figure 4.
5. The area south of the Organic Chemistry Building and east of the residence of the maintenance superintendent bounded by a red line and marked with the figure 5.
6. The area south of the Physical and Inorganic Chemistry Laboratories bounded by a red line and marked with the figure 6.
7. The area south of the Physical and Inorganic Chemistry Laboratories bounded by a red line and marked with the figure 7.
8. The area south-west of the Union Buildings bounded by a red line and marked with the figure 8.
9. The area east of the Lady Symon Building bounded by a red line and marked with the figure 9.
10. The area west of the George Murray Building bounded by a red line and marked with the figure 10.
11. The area east of the Union Building bounded by a red line and marked with the figure 11.
12. The area south-east of, and leading to the back entrance of, the Barr Smith Library bounded by a red line and marked with the figure 12.
13. The area west of the Mechanical Engineering Building bounded by a red line and marked with the figure 13.
14. The area south-east of the Mechanical Engineering Building bounded by a red line and marked with the figure 14.
15. The area south of the Engineering Building bounded by a red line and marked with the figure 15.

16. The area east of the Engineering Building bounded by a red line and marked with the figure 16.

17. The area north-west of the Engineering Building bounded by a red line and marked with the figure 17.

18. The area south-east of the Mathematics Building bounded by a red line and marked with the figure 18.

19. The area north-east of the Mathematics Building bounded by a red line and marked with the figure 19.

20. The area north-east of the Union Hall bounded by a red line and marked with the figure 20.

21. The area east of the R. A. Fisher Laboratories bounded by a red line and marked with the figure 21.

22. The area north-west of the Mawson Laboratories bounded by a red line and marked with the figure 22.

23. The area surrounding the Medical School Building (on the eastern side of Frome Road) bounded by a red line and marked with the figure 23.

THE SECOND SCHEDULE.

Rules Relating to Entrances to and Exits from the University Grounds.

1. The western gateway from North Terrace is reserved for *Inward* traffic only.

2. The eastern gateway from North Terrace is reserved for *Outward* traffic only.

3. The gateway on Frome Road between the Engineering Building and the R. A. Fisher Laboratories is reserved for *Outward* traffic only.

4. The gateway on Frome Road between the R. A. Fisher Laboratories and the Mawson Laboratories is reserved for *Inward* traffic only.

5. The gateway on Victoria Drive between the Benham Laboratories and the Mawson Laboratories is reserved for *Outward* traffic only.

6. The gateway on Victoria Drive near the George Murray Building is reserved for *Inward* traffic only.

7. The gateway on Victoria Drive near the Lady Symon Building is reserved for *Outward* traffic only.

8. The gateway on Kintore Avenue between the Physical and Inorganic Chemistry Laboratories and the C.S.I.R.O. Building in the embankment is reserved for *Inward* traffic only.

9. The central gateway from North Terrace and all gateways other than those referred to in 1 to 8 above may be used for both *Inward* and *Outward* traffic.

THE THIRD SCHEDULE.

One-way Traffic Roads in the University Grounds.

1. The western drive between the Mitchell Building and the National Gallery on the Upper Level of the University: in a *northerly* direction.

2. The roadway north of the Prince of Wales Building: in an *easterly* direction.

3. The roadway east of the Elder Conservatorium: in a *southerly* direction.

4. The roadway south of the Johnson Chemistry Laboratories: in an *easterly* direction.

5. The roadway east of the Barr Smith Library: in a *southerly* direction.

6. The roadway between the Mathematics Building and the Engineering Building: in an *easterly* direction.

7. The roadway between the Benham Laboratories and the Mawson Laboratories: in a *northerly* direction.

8. The roadway east of the R. A. Fisher Laboratories: in a *southerly* direction.

The above by-laws were made by the Council of the University of Adelaide on 31st March, 1951, amended by the Council of the University of Adelaide on the 20th December, 1963, allowed by the Governor in Executive Council on 24th May, 1951, and 9th January, 1964.

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.

* Amendments given assent, 27th November, 1958.

*(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 1964

TERMS:

First Term: March 9-May 16.

Second Term: June 8-August 8.

Third Term: August 31-December 12.

Lectures will cease in some cases in the week ending October 24
and in others in the week ending October 31.

JANUARY

1964.

- W. 1 New Year's Day. Commonwealth Inaugurated 1901.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 6 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 8 Faculty of Economics—4 p.m.
- F. 10 Faculty of Agricultural Science—2.15 p.m.
- M. 13 LAST DAY OF ENTRY for the Special Degree and
Diploma Examinations to begin on January 28. Ad-
visory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 14 Faculty of Science—2 p.m.
- W. 15 Faculty of Technology and Applied Science—2 p.m. Faculty
of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- M. 20 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Tu. 21 Last day of entry for the Supplementary Leaving Examina-
tions to be held in February. Standing Sub-Committee
of the Education Committee—10 a.m.
- Th. 23 Education Committee—2 p.m.
- M. 27 Public Holiday: Celebration of Australia Day.
- Tu. 28 Special Degree and Diploma Examinations begin. Finance
Committee—2.20 p.m.
- F. 31 Council—2.20 p.m.
-

 FEBRUARY

- Sa. 1 Hospital Year begins.
- M. 3 ENROLMENTS IN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY AND APPLIED SCIENCE BEGIN. Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
- W. 5 Faculty of Economics—4 p.m.
- Th. 6 Faculty of Dentistry—5 p.m.
- F. 7 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
- M. 10 ENROLMENTS IN ALL COURSES OTHER THAN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY AND APPLIED SCIENCE BEGIN. LAST DAY OF ENROLMENT IN TECHNOLOGY AND APPLIED SCIENCE. Supplementary Leaving Examinations may begin. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 11 Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
- W. 12 Faculty of Technology and Applied Science—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Post-graduate Committee in Medicine—8 p.m.
- M. 17 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. Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 20 Education Committee—2 p.m.
- M. 24 LAST DAY OF ENROLMENT. Conservatorium first term begins. Finance Committee—2.20 p.m.
- F. 28 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

- M. 2 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 4 Faculty of Economics—4 p.m.
- Th. 5 Faculty of Dentistry—5 p.m.
- F. 6 Faculty of Music—9.15 a.m. Faculty of Agricultural
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- S. 7 Long Vacation Ends.
- M. 9 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.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 10 Standing Sub-Committee of the Education Committee—10
a.m. Faculty of Science—2 p.m.
- W. 11 Faculty of Technology and Applied Science—2 p.m.
Faculty of Arts—2.15 p.m. Faculty of Engineering—
3 p.m.
- M. 16 LECTURES BEGIN. Board of Research Studies—11.10
a.m. Advisory Committee of the University and the
Q.E.H.—5 p.m.
- Th. 19 Education Committee—2 p.m.
- M. 23 Finance Committee—2.20 p.m.
- Th. 26 Council—2.20 p.m.
- F. 27 GOOD FRIDAY.
- M. 30 EASTER MONDAY.

For last day of entry for examination in Music and the Art
of Speech to be held in April—see A.M.E.B. Manual.

APRIL

- W. 1 Faculty of Economics—4 p.m.
 Th. 2 Faculty of Dentistry—5 p.m.
 F. 3 Faculty of Music—9.15 a.m. Faculty of Agricultural
 Science—2.15 p.m. Faculty of Medicine—8 p.m.
 Sa. 4 ANNUAL COMMEMORATION—FIRST CEREMONY—
 10.30 a.m.
 M. 6 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Law—4.30 p.m.
 Tu. 7 Standing Sub-Committee of the Education Committee—10
 a.m. Faculty of Science—2 p.m.
 W. 8 Faculty of Technology and Applied Science—2 p.m. Faculty
 of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 M. 13 Public Examinations Board—2.15 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. Advisory Committee of the
 University and the Q.E.H.—5 p.m.
 W. 22 ANNUAL COMMEMORATION—SECOND CEREMONY
 —3 p.m.
 F. 24 Council—2.20 p.m.
 Sa. 25 ANZAC DAY.

For Theory of Music and Art of Speech examinations—see
 A.M.E.B. Manual.

MAY

- F. 1 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 4 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Law—4.30 p.m.
 W. 6 Faculty of Economics—4 p.m.
 Th. 7 Faculty of Dentistry—5 p.m.
 F. 8 Faculty of Agricultural Science—2.15 p.m.
 Sa. 9 ANNUAL COMMEMORATION—THIRD CEREMONY—
 10.30 a.m.
 M. 11 Advisory Committee of the University and the R.A.H.—5
 p.m.
 Tu. 12 Standing Sub-Committee of the Education Committee—10
 a.m. Faculty of Science—2 p.m.
 W. 13 Faculty of Technology and Applied Science—2 p.m. Faculty
 of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 Postgraduate Committee in Medicine—8 p.m.
 Sa. 16 UNIVERSITY FIRST TERM ENDS.
 M. 18 University first short vacation begins. Advisory Committee
 of the University and the Q.E.H.—5 p.m.
 Th. 21 Education Committee—2 p.m.
 Sa. 23 Conservatorium first term ends.
 M. 25 Conservatorium first short vacation begins. Finance Com-
 mittee—2.20 p.m.
 F. 29 Council—2.20 p.m.
-

 JUNE

- M. 1 Faculty of Architecture and Town Planning — 2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 3 Faculty of Economics—4 p.m.
- Th. 4 Faculty of Dentistry—5 p.m.
- F. 5 Faculty of Music—9.15 a.m. Faculty of Agricultural
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- Sa. 6 University and Conservatorium first short vacation ends.
- M. 8 UNIVERSITY AND CONSERVATORIUM SECOND
TERM BEGINS. Advisory Committee of the Univer-
sity and the R.A.H.—5 p.m.
- Tu. 9 Standing Sub-Committee of the Education Committee—10
a.m. Faculty of Science—2 p.m.
- W. 10 Faculty of Technology and Applied Science—2 p.m. Faculty
of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- F. 12 Board of Research Studies—11.10 a.m.
- M. 15 Public Holiday—Celebration of Queen's Birthday.
- Tu. 16 Public Examinations Board—2.15 p.m.
- Th. 18 Education Committee—2 p.m.
- M. 22 Finance Committee—2.20 p.m. Advisory Committee of the
University and the Q.E.H.—5 p.m.
- F. 26 Council—2.20 p.m.

For last day of entry for Music and the Art of Speech
examinations to be held in October — see A.M.E.B.
Manual.

JULY

- W. 1 Faculty of Economics—4 p.m.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 6 Faculty of Architecture and Town Planning — 2.15 p.m.
Faculty of Law—4.30 p.m.
- F. 10 Faculty of Agricultural Science—2.15 p.m.
- M. 13 Advisory Committee of the University and the R.A.H.—5
p.m.
- Tu. 14 Standing Sub-Committee of the Education Committee—10
a.m. Faculty of Science—2 p.m.
- W. 15 Faculty of Technology and Applied Science — 2 p.m.
Faculty of Arts—2.15 p.m. Faculty of Engineering—
3 p.m.
- M. 20 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 23 Education Committee—2 p.m.
- M. 27 Second short vacation for fifth-year and sixth-year medical
students begins. Finance Committee—2.20 p.m.
- F. 31 Council—2.20 p.m.
-

AUGUST

- M. 3 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 5 Faculty of Economics—4 p.m.
- Th. 6 Faculty of Dentistry—5 p.m.
- F. 7 Faculty of Music—9.15 a.m. Faculty of Agricultural
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- Sa. 8 University second term ends. LAST DAY OF ENTRY
FOR THE DEGREE AND DIPLOMA EXAMINA-
TIONS TO BE HELD IN NOVEMBER.
- M. 10 University second short vacation begins. Advisory Com-
mittee of the University and the R.A.H.—5 p.m.
- Tu. 11 Standing Sub-Committee of the Education Committee—10
a.m. Faculty of Science—2 p.m.
- W. 12 Faculty of Technology and Applied Science—2 p.m. Faculty
of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
Postgraduate Committee in Medicine—8 p.m.
- Sa. 15 Conservatorium second term ends. Second short vacation
for fifth-year and sixth-year medical students ends.
- M. 17 Conservatorium second short vacation begins. Public
Examinations Board—2.15 p.m. Advisory Committee
of the University and the Q.E.H.—5 p.m.
- Th. 20 Education Committee—2 p.m.
- M. 24 Finance Committee—2.20 p.m.
- F. 28 Council—2.20 p.m.
- Sa. 29 University second short vacation ends.
- M. 31 UNIVERSITY THIRD TERM BEGINS. Last day of
entry for PUBLIC EXAMINATIONS to be held in
November.

SEPTEMBER

- W. 2 Faculty of Economics—4 p.m.
- Th. 3 Faculty of Dentistry—5 p.m.
- F. 4 Faculty of Music—9.15 a.m. Faculty of Agricultural
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- Sa. 5 Conservatorium second short vacation ends.
- M. 7 Conservatorium third term begins. Faculty of Architecture
and Town Planning—2.15 p.m. Faculty of Law—4.30
p.m.
- Tu. 8 Standing Sub-Committee of the Education Committee—10
a.m. Faculty of Science—2 p.m.
- W. 9 Faculty of Technology and Applied Science—2 p.m. Faculty
of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- M. 14 Board of Research Studies—11.10 a.m. Advisory Commit-
tee 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. Advisory Committee of the
University and the Q.E.H.—5 p.m.
- F. 25 Council—2.20 p.m.

For Music and the Art of Speech examinations — see
A.M.E.B. Manual.

OCTOBER

- Th. 1 Faculty of Dentistry—5 p.m.
 F. 2 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 5 Faculty of Architecture and Town Planning — 2.15 p.m.
 Faculty of Law—4.30 p.m. Advisory Committee of the
 University and the R.A.H.—5 p.m.
 W. 7 Faculty of Economics—4 p.m.
 F. 9 Faculty of Agricultural Science—2.15 p.m.
 M. 12 Public Holiday—Eight-Hour Day.
 Tu. 13 Standing Sub-Committee of the Education Committee—10
 a.m. Faculty of Science—2 p.m.
 W. 14 Faculty of Technology and Applied Science—2 p.m. Faculty
 of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 Th. 15 General Research Committee—2 p.m.
 M. 19 Public Examinations Board—2.15 p.m. Advisory Commit-
 tee of the University and the Q.E.H.—5 p.m.
 Th. 22 Education Committee—2 p.m.
 Sa. 24 Lectures in some Departments end.
 M. 26 Research Executive Committee—9.30 a.m. Finance Com-
 mittee—2.20 p.m.
 F. 30 Council—2.20 p.m.
 Sa. 31 All lectures end.

NOVEMBER

- M. 2 Last day for sending to the Clerk of the Senate nominations
 of candidates for the annual vacancies on the Council
 and on the Standing Committee of the Senate and for
 the offices of Warden and the Clerk, and notices of
 motion for the meeting of the Senate to be held on
 November 25. Faculty of Architecture and Town Plan-
 ning—2.15 p.m. Faculty of Law—4.30 p.m.
 W. 4 Equipment Committee—9.30 a.m. Faculty of Economics—
 4 p.m.
 Th. 5 Faculty of Dentistry—5 p.m.
 F. 6 Faculty of Music—9.15 a.m. Faculty of Agricultural Science
 —2.15 p.m. Faculty of Medicine—8 p.m.
 M. 9 DEGREE AND DIPLOMA EXAMINATIONS IN
 GENERAL BEGIN. Advisory Committee of the
 University and the R.A.H.—5 p.m.
 Tu. 10 Standing Sub-Committee of the Education Committee—10
 a.m. Faculty of Science—2 p.m.
 W. 11 Faculty of Technology and Applied Science—2 p.m.
 Faculty of Arts—2.15 p.m. Faculty of Engineering—
 3 p.m. Postgraduate Committee in Medicine—8 p.m.
 M. 16 Advisory Committee of the University and the Q.E.H.—
 5 p.m.
 Th. 19 Education Committee—2 p.m.
 M. 23 Finance Committee—2.20 p.m.
 W. 25 Senate—8 p.m. Election of Members of the Council and
 of the Standing Committee of the Senate and Warden
 and Clerk of the Senate.
 Th. 26 PUBLIC EXAMINATIONS BEGIN.
 F. 27 Faculty of Agricultural Science—2.15 p.m. Council—2.20
 p.m.

DECEMBER

- Tu. 1 Standing Sub-Committee of the Education Committee—
10 a.m. Faculty of Science—2 p.m.
- W. 2 Faculty of Technology and Applied Science—2 p.m. Faculty
of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
Faculty of Economics—4 p.m.
- Th. 3 Faculty of Dentistry—5 p.m.
- F. 4 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- Sa. 5 Conservatorium third term ends.
- M. 7 Board of Research Studies—11.10 a.m. Faculty of Archi-
tecture and Town Planning—2.15 p.m. Faculty of Law
—4.30 p.m.
- Th. 10 Education Committee—2 p.m.
- Sa. 12 Academic Year ends.
- M. 14 Finance Committee—2.20 p.m. Advisory Committee of the
University and the R.A.H.—5 p.m.
- F. 18 Council—2.20 p.m.
- M. 21 Advisory Committee of the University and the Q.E.H.—5
p.m.
- F. 25 Public Holiday: Christmas Day.
- M. 28 Public Holiday: Proclamation Day.

JANUARY

1965. NOTE: Particulars of the procedure for enrolment, and the
dates of the enrolment period, in 1965 may be found in
the enrolment leaflet.
- F. 1 New Year's Day. Commonwealth Inaugurated 1901.
- M. 4 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 6 Faculty of Economics—4 p.m.
- Th. 7 Faculty of Dentistry—5 p.m.
- F. 8 Faculty of Music—9.15 a.m. Faculty of Agricultural Science
—2.15 p.m. Faculty of Medicine—8 p.m.
- M. 11 Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 12 Faculty of Science—2 p.m.
- W. 13 Faculty of Technology and Applied Science—2 p.m.
Faculty of Arts—2.15 p.m. Faculty of Engineering—
3 p.m.
- M. 18 Last day of entry for the Special Degree and Diploma
Examinations to be held in February. Advisory Com-
mittee of the University and the Q.E.H.—5 p.m.
- Fu. 19 Last day of entry for the Supplementary Leaving Examina-
tions to be held in February. Standing Sub-Commit-
tee of the Education Committee—10 a.m.
- Th. 21 Education Committee—2 p.m.
- M. 25 Finance Committee—2.20 p.m.
- F. 29 Council—2.20 p.m.

 FEBRUARY

NOTE: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1965 may be found in the enrolment leaflet.

- M. 1 Public Holiday: Celebration of Australia Day.
- Tu. 2 SPECIAL DEGREE AND DIPLOMA EXAMINATIONS BEGIN. Hospital Year begins. Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
- W. 3 Faculty of Economics—4 p.m.
- Th. 4 Faculty of Dentistry—5 p.m.
- F. 5 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
- M. 8 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 9 Supplementary Leaving Examinations may begin. Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
- W. 10 Faculty of Technology and Applied Science—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Postgraduate Committee in Medicine—8 p.m.
- M. 15 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. Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 18 Education Committee—2 p.m.
- M. 22 CONSERVATORIUM first term begins. Finance Committee—2.20 p.m.
- F. 26 Council—2.20 p.m.
-

MARCH

- M. 1 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.
- W. 3 Faculty of Economics—4 p.m.
- Th. 4 Faculty of Dentistry—5 p.m.
- F. 5 Faculty of Music—9.15 a.m. Faculty of Agricultural
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- Sa. 6 Long vacation ends.
- M. 8 **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. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 9 Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
- W. 10 Faculty of Technology and Applied Science—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- M. 15 **LECTURES BEGIN.** Board of Research Studies—11.10 a.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 18 Education Committee—2 p.m.
- M. 22 Finance Committee—2.20 p.m.
- F. 26 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.

The University of Adelaide

1964

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D. (W.A.), B.A., LL.B.
Elected for the first time, 29th September, 1961.

DEPUTY CHANCELLOR

SIR KENNETH AGNEW WILLS, K.B.E., C.St.J., M.C., E.D. Elected for the first time,
24th November, 1961.

VICE-CHANCELLOR

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

DEPUTY VICE-CHANCELLOR

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

THE COUNCIL

THE CHANCELLOR. A member since 1942.

THE VICE-CHANCELLOR. A member since 1958.

PROFESSOR ERIC STEPHEN BARNES, B.A. (Sydney and Cambridge), Ph.D. (Cambridge),
F.A.A. Elected for the first time, 28th November, 1962.

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.L.C. Appointed by Parliament for
the first time, 19th August, 1953. Date of last appointment, 2nd August, 1962.

JULIAN RANDAL DRIDAN, C.M.G., B.E. A member since 1955. Date of last election,
28th November, 1962.

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, 15th August, 1962.

JEAN GILMORE, LL.B. A member since 1955. Date of last election 27th November, 1963.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melbourne). A member
since 1954. Date of last election, 28th November, 1962.

JAMES ALEXANDER HEASLIP, M.P. Appointed by Parliament for the first time, 13th
August, 1959. Date of last appointment, 15th August, 1962.

KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. A member since 1954. Date of
last election, 22nd November, 1961.

SAMUEL JOSHUA JACOBS, LL.B. Elected for the first time, 22nd November, 1961.

SIR IVAN BEDE JOSE, M.C., M.S., F.R.C.S. A member since 1953. Date of last election,
22nd November, 1961.

PROFESSOR PETER HENRY KARMEL, B.A. (Melbourne), Ph.D. (Cambridge). A member
since 1955. Date of last election, 28th November, 1962.

CONDOR LOUIS LAUCKE, M.P. Appointed by Parliament for the first time, 23rd August,
1956. Date of last appointment, 15th August, 1962.

ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S. Elected for the first time,
31st July, 1963.

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). A member since 1958. Date of last
election, 28th November, 1962.

KENNETH HARVEY MILNE, B.E., M.I.E.E., M.I.E. (Aust.). A member since 1956. Date of
last election, 27th November, 1963.

EMERITUS PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc. (Cambridge). A
member since 1949. Date of last election, 22nd November, 1961.

THE HONOURABLE FRANK JAMES POTTER, B.A., LL.B., M.L.C. Appointed by Par-
liament for the first time, 2nd August, 1962.

PROFESSOR ERIC AROHA RUDD, A.M. (Harvard), B.Sc. A member since 1958. Date
of last election, 22nd November, 1961.

WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last
election, 27th November, 1963.

PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Cambridge). Elected for the first
time, 27th November, 1963.

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., C.St.J., M.C., E.D. A member since 1945.
Date of last election, 27th November, 1963.

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; re-elected annually; date of last election, 27th November, 1963.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected annually; date of last election, 27th November, 1963.

MEMBERS OF THE STANDING COMMITTEE:

THE WARDEN (ex officio)

LAURA MADELINE ANGEL, M.Sc. Elected for the first time, 28th November, 1962.

RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A. Elected for the first time, 28th November, 1962.

FREDERICK HARRY DAVIS, B.A., M.A.C.E. Appointed to a casual vacancy, 10th May, 1963; elected, 27th November, 1963.

MAURICE MEREDITH STRIKER FINNIS, B.A. Elected for the first time, 28th November, 1962.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melbourne). Elected for the first time, 28th November, 1962.

SAMUEL JOSHUA JACOBS, LL.B. Elected for the first time, 28th November, 1962; date of last election, 27th November, 1963.

ROBERT BROOK LEWIS, B.Sc. (Melbourne), B.A., A.M.I.M.M., M.A.C.E. Elected for the first time, 28th November, 1962; date of last election, 27th November, 1963.

ROMA FLINDERS MITCHELL, Q.C., LL.B. Elected for the first time, 28th November, 1962; date of last election, 27th November, 1963.

PAUL RADFORD, M.A. (Oxford). Elected for the first time, 28th November, 1962.

GORDON STANLEY REID, B.Com. (Melbourne), Ph.D. (London). Elected for the first time, 28th November, 1962.

BRUCE OSWALD WEST, Ph.D. Elected for the first time, 28th November, 1962.

WILFRED ALLAN WHITE, B.Ec., M.A.C.E. Elected for the first time, 27th November, 1963.

THE UNIVERSITY COLLEGES

ST. MARK'S COLLEGE (Affiliated 1924)

Master—Robert Brook Lewis, B.Sc. (Melbourne), B.A., A.M.I.M.M., M.A.C.E.

ST. ANN'S COLLEGE (Affiliated 1939)

Principal—Kathleen Deasey, M.A. (Melbourne and Cambridge).

AQUINAS COLLEGE (Affiliated 1947)

Rector—The Very Reverend Father Bryan Buxton, S.J., M.A. (Melbourne).

LINCOLN COLLEGE (Affiliated 1951)

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

COMMITTEES, FACULTIES AND BOARDS FOR 1964

EDUCATION COMMITTEE

Chairman: Professor D. O. Jordan

Vice-Chairman: Professor F. B. Bull

The Chancellor	The Chairmen of Boards of Studies
The Vice-Chancellor	The Director of the Waite Agricultural Research Institute
The Deputy Vice-Chancellor	The Heads of the Departments of Plant Pathology and Plant Physiology
Mr. J. A. Dunning	The Librarian
Mr. D. A. Dunstan	The Director of Adult Education
Sir Ivan Jose	A representative of the four Colleges
Professor P. H. Karmel	The Professorial Heads of Departments
Mr. W. M. C. Symonds	
The Deans of Faculties	

STANDING SUB-COMMITTEE OF THE EDUCATION COMMITTEE

Chairman: Professor D. O. Jordan

Vice-Chairman: Professor F. B. Bull

The Vice-Chancellor	Professor E. S. Barnes
The Deputy Vice-Chancellor	Professor P. H. Karmel
Two vacancies at time of printing.	

FINANCE COMMITTEE

Chairman: Mr. R. A. Simpson

The Chancellor	Mr. J. R. Dridan
The Deputy Chancellor	Mr. S. J. Jacobs
The Vice-Chancellor	Sir Ivan Jose
The Deputy Vice-Chancellor	Professor P. H. Karmel
The Hon. L. H. Densley	Mr. K. H. Milne

FACULTY OF ARTS

Dean: Professor M. A. Jeeves

Members *ex officio*:

The Chancellor	Professor C. J. Horne
The Vice-Chancellor	Professor M. A. Jeeves
The Chairman of the Education Com- mittee	Professor G. H. Lawton
The Bonython Professor of Laws	Professor H. F. Lydall
The Dean of the Faculty of Science	Mr. E. Mander-Jones
Professor John Bishop	Mr. B. Mason
Professor B. D. Coghlan	Professor L. F. Neal
Professor J. G. Cornell	Dr. H. H. Penny
Professor W. G. K. Duncan	Professor R. B. Potts
Mr. M. M. S. Finnis	Professor J. J. C. Smart
Dr. D. N. Gibbs	Professor H. Stretton
	Professor J. R. Trevaskis

Members appointed by the Council:

Mr. M. C. Bradley (during Professor Smart's absence)	Sir Archibald Grenfell Price
Mr. E. R. Corney	Dr. K. A. Provins
Rev. Dr. W. F. Hambly	Dr. G. S. Reid
Dr. C. R. S. Harris	Professor G. Rudé
Dr. R. V. Johnson	Professor E. A. Russell
Dr. C. B. Martin	Dr. G. Schulz
Mr. K. W. Morris	Mr. W. M. C. Symonds
Mr. P. A. Newnham	Mr. H. J. Siliakus
Miss M. Norton	Dr. C. R. Twidale

FACULTY OF SCIENCE

Dean: Professor J. H. Carver

Associate Dean: Professor R. N. Robertson

Members *ex officio*:

The Chancellor	Professor H. G. Andrewartha
The Vice-Chancellor	Professor G. M. Badger
The Chairman of the Education Committee	Professor J. H. Bennett
The Dean of the Faculty of Agricultural Science	Professor J. H. Carver
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 R. N. Robertson
Professor A. A. Abbie	Professor R. B. Potts
Professor A. R. Alderman	Professor D. Rowley
	Professor E. A. Rudd
	Dr. D. J. Sutton
	Professor R. F. Whelan

Members appointed by the Council:

Professor E. S. Barnes	Dr. D. I. B. Kerr
Dr. A. L. J. Beckwith	Dr. T. Kurucsev
Dr. M. N. Brearley	Dr. I. S. de la Lande
Dr. B. H. Briggs	Dr. P. G. Martin
Professor J. W. Clark-Lewis	Dr. M. J. Mayo
Mr. R. W. Close	Dr. A. D. Packer
Dr. F. M. Collins	Dr. H. J. Rodda
Professor E. A. Cornish	Dr. G. E. Rogers
Mr. J. A. Dunning	Professor W. P. Rogers
Dr. M. F. Glaessner	Dr. P. W. Seymour
Dr. P. H. Glow	Mr. W. M. C. Symonds
Dr. C. A. Hurst	Dr. R. H. Symons
Dr. C. R. Jenkin	Dr. S. G. Tomlin
Dr. S. W. Kennedy	Dr. H. B. S. Womersley

FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor C. M. Donald

Members *ex officio*:

The Chancellor	Professor C. M. Donald
The Vice-Chancellor	Dr. N. T. Flentje
The Chairman of the Education Committee	Dr. F. G. Jarrett (deputy for Professor H. F. Lydall)
The Dean of the Faculty of Science	Dr. J. B. Jones (deputy for Professor A. R. Alderman)
The Principal of Roseworthy Agricultural College	Dr. J. H. Coates (deputy for Professor D. O. Jordan)
Professor H. G. Andrewartha	Dr. L. H. May
Professor G. M. Badger	Dr. J. Melville
Professor J. H. Bennett	Professor D. J. D. Nicholas
Professor T. O. Browning	Professor R. N. Robertson
Professor J. H. Carver	

Members appointed by the Council:

Mr. K. P. Barley	Mr. V. K. Lohmeyer
Dr. R. J. Best	Mr. H. S. F. Lower
Dr. B. G. Coombe	Dr. G. M. E. Mayo
The Hon. L. H. Densley	Dr. L. G. Paleg
Dr. S. J. Edmonds	Mr. G. R. Quick
Dr. K. W. Finlay	Dr. J. P. R. Riches
Dr. G. E. Gream	Mr. A. G. Strickland
Dr. D. J. Greenland	Dr. P. H. B. Talbot
Dr. B. Johnson	Dr. J. H. Warcup
Mr. R. Lawrance	Mr. G. N. Wilkinson

FACULTY OF ENGINEERING

Dean: Mr. T. A. Farrent

Members *ex officio*:

The Chancellor	Professor R. A. Jensen
The Vice-Chancellor	Mr. R. G. Keats (deputy for Professor R. B. Potts)
The Chairman of the Education Committee	Dr. J. C. Sheldon (deputy for Professor D. O. Jordan)
The Dean of the Faculty of Science	Professor E. A. Rudd
The President of the S.A. Institute of Technology	Professor R. W. F. Tait
The Director of the S.A. Institute of Technology	Dr. J. L. Talbot (deputy for Professor A. R. Alderman)
Professor F. B. Bull	Mr. D. H. Tyler
Professor H. H. Davis	Professor E. O. Willoughby
Dr. A. R. Bevan (deputy for Professor J. H. Carver)	

Members appointed by the Council:

Mr. A. B. Barker	Dr. J. Mannam
Mr. R. W. Boswell	Mr. K. H. Milne
Mr. W. D. Doble	Mr. D. C. Pawsey
Mr. J. R. Dridan	Dr. T. O. Penman
Mr. G. Ellesworth	Mr. R. A. Simpson
Mr. T. A. Farrent	Dr. E. C. R. Spooner
Mr. A. S. Lewis	Mr. G. Sved

FACULTY OF LAW

Dean: Professor A. Rogerson

Members *ex officio*:

The Chancellor	Mr. O. C. Isaachsen
The Vice-Chancellor	Mr. C. J. Legoe
The Chairman of the Education Committee	Dr. H. K. Lücke
The Bonython Professor of Laws	Mr. J. N. McEwin
The Dean of the Faculty of Arts	Mr. R. G. Matheson
The President of the Law Society of South Australia, Inc.	Professor R. L. Mathews
Dr. J. J. Bray	The Hon. Sir Herbert Mayo
The Hon. Mr. Justice Bright	The Hon. Mr. Justice Millhouse
Dr. A. C. Castles	Miss R. F. Mitchell
The Hon. Mr. Justice Chamberlain	The Hon. Sir Mellis Napier
The Hon. Mr. Justice Hogarth	Professor D. P. O'Connell
Dr. C. Howard	Mr. D. L. Richards
Mr. B. O. Hunter	The Hon. Mr. Justice Travers
	Professor J. R. Trevaskis
	Mr. W. A. N. Wells

Members appointed by the Council:

Mr. R. A. Blackburn	The Hon. F. J. Potter
Mr. D. A. Dunstan	Mr. A. K. Sangster
Miss J. Gilmore	Mr. E. B. Scarfe
Mr. A. J. Hannan	Mr. G. H. Walters
Mr. S. J. Jacobs	Mr. H. E. Zelling

FACULTY OF MEDICINE

Dean: Professor R. F. Whelan

Associate Dean: Professor L. W. Cox

Members *ex officio*:

The Chancellor	Mr. J. R. Barbour
The Vice-Chancellor	Mr. R. A. Barbour
The Chairman of the Education Committee	Mr. R. C. Bennett
Professor A. A. Abbie	Dr. J. A. Bonnin
	Dr. J. M. Bonnin

FACULTY OF MEDICINE (Continued)

Mr. R. A. Burston	Mr. M. L. Mashford
Dr. S. Barker (deputy for Professor H. G. Andrewartha)	Professor G. M. Maxwell
Mr. A. G. Campbell	Mr. R. N. Munday
Dr. J. S. Charnock	Mr. L. J. Opit
Professor L. W. Cox	Dr. A. D. Packer
Dr. R. I. Cox	Dr. R. Pak Poy
Professor W. A. Cramond	Dr. T. G. Paxon
Mr. D. O. Crompton	Dr. L. O. S. Poidevin
Dr. A. J. Day	Dr. R. T. W. Reid
Dr. C. R. S. Harris	Mr. R. N. Reilly
Mr. J. D. Harris	Professor J. S. Robertson
Professor B. S. Hetzel	Professor H. N. Robson
Mr. P. R. Hodge	Mr. J. W. Rollison
Dr. E. S. Holdsworth	Professor D. Rowley
Mr. M. I. G. Iliffe (deputy for Profes- sor J. H. Carver)	Mr. M. J. W. Sando
Professor R. P. Jepson	Dr. C. B. Sangster
Dr. D. B. Keech	Dr. W. H. F. Sasse (deputy for Pro- fessor G. M. Badger)
Dr. I. S. de la Lande	Dr. J. R. Urwin (deputy for Professor D. O. Jordan)
Mr. H. Lander	Dr. J. H. M. G. Van Deth
Mr. A. C. McEachern	Dr. R. F. West
Mr. D. G. McKay	Professor R. F. Whelan
Mr. J. R. Magarey	Dr. P. S. Woodruff
Dr. P. G. Martin (deputy for Professor R. N. Robertson)	

Members appointed by the Council:

Mr. G. T. Gibson	Mr. A. H. Lendon
Dr. K. S. Hetzel	Mr. M. K. Smith
Mr. W. M. Irwin	Mr. J. C. Yeatman
Sir Ivan Jose	

FACULTY OF DENTISTRY

Dean: Mr. M. J. Barrett

Members *ex officio*:

The Chancellor	Mr. F. R. Henning
The Vice-Chancellor	Professor A. M. Horsnell
The Chairman of the Education Com- mittee	Mr. J. Estcourt Hughes
The Chairman of the Dental Board of South Australia	Mr. M. I. G. Iliffe (deputy for Pro- fessor J. H. Carver)
The Director-General of Medical Services	Dr. J. Kirkwood
Dr. N. Atkinson (deputy for Professor D. Rowley)	Mr. A. J. Lykke (deputy for Professor J. S. Robertson)
Mr. R. A. Barbour (deputy for Pro- fessor A. A. Abbie)	Dr. J. M. McPhie
Dr. S. Barker (deputy for Professor H. G. Andrewartha)	Dr. B. G. Radden
Mr. M. J. Barrett	Mr. K. J. Robertson
Mr. A. J. Bloomfield	Professor H. N. Robson
Mr. Tasman Brown	Mr. S. I. L. Roveda
Dr. J. A. Cran	Dr. W. H. F. Sasse (deputy for Pro- fessor G. M. Badger)
Mr. P. G. Dellow (deputy for Professor R. F. Whelan)	Dr. R. H. Symons (deputy for Head of Department of Biochemistry)
Dr. E. A. Fanning	Dr. J. R. Urwin (deputy for Professor D. O. Jordan)
	Dr. R. G. Willoughby

Members appointed by the Council:

Professor T. D. Campbell	Mr. K. R. Moore
Mr. H. B. Frayne	Mr. G. J. Mount
Mr. G. S. Heithersay	Mr. A. P. Plummer
Mr. J. F. Lavis	Mr. P. C. Reade
Mr. T. B. Lindsay	

FACULTY OF MUSIC

Dean: Professor John Bishop

Members *ex officio*:

The Chancellor	Mr. H. Fairhurst
The Vice-Chancellor	Mr. D. Galliver
The Chairman of the Education Committee	Miss P. Holmes
The Dean of the Faculty of Arts	Mr. J. A. Horner
Professor John Bishop	Dr. J. V. Peters

Members appointed by the Council:

Professor J. G. Cornell	Mr. A. Matters
Mr. L. Davies	Mr. W. M. C. Symonds
Mr. H. L. Dossor	Mr. J. Whitehead
Mr. C. T. Leske	

FACULTY OF ECONOMICS

Dean: Professor H. F. Lydall

Members *ex officio*:

The Chancellor	Dr. F. G. Jarrett
The Vice-Chancellor	Mr. K. G. Jones
The Chairman of the Education Committee	Professor G. H. Lawton
The Dean of the Faculty of Arts	Professor H. F. Lydall
The Bonython Professor of Laws	Professor R. L. Mathews
Mr. M. J. Artis	Dr. M. Polasek
Dr. A. D. Barton	Mr. A. A. L. Powell
Miss M. D. Brunt	Professor E. A. Russell
Dr. J. L. Dillon	Professor H. Stretton
Professor W. G. K. Duncan	Mr. R. D. Terrell
Dr. G. C. Harcourt	Mr. R. H. Wallace
Mr. J. Y. Henderson	Mr. D. H. Whitehead
Mr. R. R. Hirst	Mr. B. B. Worrall
Mr. H. R. Hudson	Mr. F. K. Wright
	Mr. J. C. G. Wright

Members appointed by the Council:

Mr. L. A. Braddock	Mr. K. L. Milne
Mr. E. H. Burgess	Mr. A. M. Ramsay
Professor K. J. Hancock	Mr. A. M. Simpson
Mr. R. K. Hefford	Mr. A. J. Ward
Mr. S. J. Jacobs	Sir Kenneth Wills
Dr. H. S. K. Kent	

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Dean: Professor R. A. Jensen

Acting Dean: Mr. G. Herbert

Members *ex officio*:

The Chancellor	Mr. A. J. Gillissen
The Vice-Chancellor	Mr. G. Herbert
The Chairman of the Education Committee	Mr. J. D. Hipper
The Dean of the Faculty of Arts	Mr. H. N. Hoskings
The Dean of the Faculty of Science	Professor R. A. Jensen
The Dean of the Faculty of Engineering	Mr. J. D. Kendrick
Professor F. B. Bull	Professor R. B. Potts
	Mr. F. D. W. Van Zyl

Members appointed by the Council:

Mr. D. W. Berry	Mr. S. J. Jacobs
Mr. G. P. Duncan	Mr. F. K. Milne
Mr. J. R. Dridan	Mr. H. Westerman
Mr. J. C. Irwin	

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

Dean: Dr. S. I. Evans

Associate Dean: Professor H. H. Davis

The Chancellor	The Vice-President of the S.A. Institute of Technology
The Vice-Chancellor	The Director of the S.A. Institute of Technology
The Chairman of the Education Committee	The President of the Pharmaceutical Society
The President of the S.A. Institute of Technology	The President of the Pharmacy Board

Members appointed by the Council of the University:

Professor G. M. Badger	Professor D. O. Jordan
Professor F. B. Bull	Professor R. N. Robertson
Professor J. H. Carver	Professor E. A. Rudd
Professor H. H. Davis	Professor R. W. F. Tait
Mr. R. P. Hale (deputy for Professor R. B. Potts)	Professor E. O. Willoughby
Professor R. A. Jensen	The Professor of Materials Science

Members appointed by the Council of the South Australian Institute of Technology:

Dr. S. Armstrong	Mr. F. A. Haas
Mr. D. W. Cox	Mr. G. H. B. Haskard
Mr. J. W. Crompton	Dr. E. W. Mills
Dr. R. V. Culver	Mr. B. L. Reynolds
Dr. W. T. Denholm	Dr. R. W. Smyth
Mr. W. G. Forte	Mr. G. Walkley

BOARD OF STUDIES IN PHARMACY

Chairman: Professor G. M. Badger

The Chancellor	Dr. R. V. Culver
The Vice-Chancellor	Dr. S. I. Evans
The President of the Pharmaceutical Society	Mr. K. D. Johnson
The Secretary of the Pharmaceutical Society	Professor D. O. Jordan
The President of the Pharmacy Board	Mr. R. C. McCarthy
The Dean of the Faculty of Medicine	Dr. P. G. Martin
Professor G. M. Badger	Mr. J. S. Porter
Dr. B. J. F. Christie	Mr. B. L. Reynolds
	Professor R. F. Whelan

BOARD OF STUDIES IN PHYSICAL EDUCATION

Chairman: Professor Sir Mark Mitchell

The Chancellor	Dr. C. C. Jungfer
The Vice-Chancellor	Mr. E. Mander-Jones
The Dean of the Faculty of Arts	Professor Sir Mark Mitchell
The President of the Adelaide University Sports Association	Mr. J. Moncrieff
Professor A. A. Abbie	Mr. H. J. C. Mutton
Mr. B. F. G. Apps	Professor L. F. Neal
Miss E. M. Barwell	Dr. H. H. Penny
Mr. D. J. Glencross	Miss M. Priddle
Mr. R. C. Heddle	Mr. A. E. Simpson
Mr. G. M. Hone	Mr. W. M. C. Symonds
Mr. A. W. Jones	Professor R. F. Whelan

BOARD OF STUDIES IN SOCIAL STUDIES

Chairman: Rev. Dr. W. F. Hambly

Members *ex officio*:

The Chancellor	Dr. P. G. Martin (representing Professor
The Vice-Chancellor	R. N. Robertson)
Professor A. A. Abbie	Miss M. Norton
Dr. R. G. Brown	Professor J. J. C. Smart
Professor W. G. K. Duncan	Professor H. Stretton
Professor M. A. Jeeves	Mr. B. K. Taylor
Professor H. F. Lydall	

Members appointed by the Council:

Mr. C. G. Atkinson	Professor B. S. Hetzel
Mr. G. J. Cook	Mr. C. E. M. Harris
Professor W. A. Cramond	Mrs. P. M. Pieterrek
Dr. D. N. Gibbs	Mrs. A. W. Wall
Rev. Dr. W. F. Hambly	

BOARD OF STUDIES IN PHYSIOTHERAPY

Chairman: Professor A. A. Abbie

The Chancellor	Miss E. Casely
The Vice-Chancellor	Professor L. W. Cox
The Dean of the Faculty of Medicine	Mrs. M. K. Finnis
The Senior Physiotherapist, Royal	Miss J. M. Ganne
Adelaide Hospital	Miss M. J. Hammond
The Senior Physiotherapist, Adelaide	Professor M. A. Jeeves
Children's Hospital	Mr. R. Meadows
Professor A. A. Abbie	Professor J. S. Robertson
Mr. L. Bonnin	Miss A. K. A. Simpson
Mr. A. W. Burnell	Professor R. F. Whelan

BOARD OF RESEARCH STUDIES

Chairman: Professor E. S. Barnes

Professor G. M. Badger	Professor M. A. Jeeves
Professor E. S. Barnes	Mr. J. D. Kendrick
Professor F. B. Bull	Dr. L. H. May
Professor H. H. Davis	Professor H. N. Robson
Professor C. M. Donald	Professor W. P. Rogers
Mr. A. French	Professor R. F. Whelan

MATRICULATION BOARD

The Vice-Chancellor (Chairman) and the Deans of the eleven Faculties

RESEARCH EXECUTIVE COMMITTEE

Chairman: Professor G. M. Badger

Professor J. H. Carver	Dr. J. Melville
Professor B. L. D. Coghlan	Professor D. Rowley
Professor G. H. Lawton	Professor R. W. F. Tait

MEDICAL RESEARCH COMMITTEE

Chairman: The Vice-Chancellor

The Dean of the Faculty of Medicine, The Chairman of the Research Executive Committee, The Professors of Anatomy, Biochemistry, Child Health, Dental Science, Medicine, Mental Health, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, and Dr. S. G. Tomlin.

STUDY LEAVE COMMITTEE

Chairman: The Vice-Chancellor

The Deans of the Faculties of Arts, Economics, Science, Agricultural Science, Medicine, Dentistry, Engineering, Law, Music, and Architecture and Town Planning and the Director of the Waite Institute.

DEVELOPMENT COMMITTEE

Chairman: The Vice-Chancellor

The Chairman of the Education Committee	The Dean of the Faculty of Medicine
The Chairman of the Finance Committee	The Dean of <i>either</i> the Faculty of Economics <i>or</i> the Faculty of Law
The Dean of the Faculty of Arts	The Dean of the Faculty of Architecture and Town Planning <i>or</i> of Dentistry <i>or</i> of Music
The Dean of the Faculty of Science	The Director of the Waite Institute
The Dean of the Faculty of Engineering	

EQUIPMENT COMMITTEE

Chairman: The Vice-Chancellor

The Members of the Development Committee	Professor R. N. Robertson
--	---------------------------

SITES AND GROUNDS COMMITTEE

Chairman: The Vice-Chancellor

Professor F. B. Bull	Professor R. N. Robertson
Professor J. G. Cornell	Miss J. Gilmore
Professor E. A. Rudd	

PUBLIC LECTURES COMMITTEE

Chairman: The Vice-Chancellor

Professor A. A. Abbie	Professor C. M. Donald
Professor J. G. Cornell	

BOARD OF DISCIPLINE

The Chancellor, the Vice-Chancellor, the Deans of Faculties and the Chairmen of Boards of Studies.

LIBRARY COMMITTEE

Chairman: Professor Sir Mark Mitchell

The Chancellor	Dr. M. F. Glaessner
The Vice-Chancellor	Mr. G. Herbert
The Librarian	Professor B. S. Hetzel
Dr. M. R. Atkinson	Dr. F. G. Jarrett (July to December)
Mr. M. J. Barrett	Professor D. O. Jordan
Professor J. Bishop	Dr. H. K. Lücke
Dr. R. V. Culver	Professor Sir Mark Mitchell
Mr. J. W. Crompton	Sir Archibald Grenfell Price
Professor W. G. K. Duncan	Mr. E. Roe
Mr. T. A. Farrent	Mr. R. H. Wallace (January to June)

MEDICAL CURRICULUM COMMITTEE

Chairman: The Dean of the Faculty of Medicine

The Associate Dean, the Professors of Anatomy, Biochemistry, Child Health, Medicine, Mental Health, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, Dr. K. S. Hetzel, Sir Ivan Jose, Mr. A. H. Lendon, Mr. J. R. Magarey and Dr. R. F. West.

COMMITTEES, FACULTIES, AND BOARDS

POSTGRADUATE COMMITTEE IN MEDICINE

Chairman: The Vice-Chancellor

Deputy Chairman: Sir Ivan Jose

Professor A. A. Abbie	Mr. R. G. McEwin
Mr. K. G. Ball	Professor G. B. Mackaness
Mr. T. H. Beare	Mr. I. McLachlan
Mr. M. D. Begley	Mr. G. H. McQueen
Mr. W. J. Betts	Professor G. M. Maxwell
Dr. J. A. Bonnin	Mr. B. Nicholson
Dr. J. M. Bonnin	Mr. H. R. H. N. Oaten
Mr. D. W. Brummitt	Mr. J. A. O'Brien
Mr. R. A. Burston	Mr. H. E. Pellew
Mr. I. M. A. Camens	Dr. L. O. S. Poidevin
Mr. A. G. Campbell	Professor J. S. Robertson
Dr. R. S. Colton	Professor H. N. Robson
Dr. J. S. Covernton	Mr. M. J. W. Sando
Professor L. W. Cox	Dr. H. M. Southwood
Mr. G. T. Ey	Mr. R. T. Steele
Dr. E. Hackett	Mrs. A. W. Wall
Dr. K. S. Hetzel	Professor R. F. Whelan
Mr. G. A. Hunter	Mr. C. G. Wilson
Mr. P. G. Jay	Mr. J. G. Wilson
Professor R. P. Jepson	Mr. J. C. Yeatman
Sir Ivan Jose	The Registrar
Mr. H. Lander	

Medical Secretaries: Mr. M. K. Smith, Mr. A. J. Watson.

POSTGRADUATE COMMITTEE IN DENTISTRY

Chairman: The Vice-Chancellor

Deputy Chairman: Professor A. M. Horsnell

Professor A. A. Abbie	Professor J. S. Robertson
Mr. T. Brown	Mr. K. J. Robertson
Dr. J. A. Cran	Professor H. N. Robson
Mr. F. R. Henning	Professor D. Rowley
Professor R. P. Jepson	Mr. J. Scollin
Mr. B. W. Leach	Mr. J. A. F. Stevens
Mr. P. McDonald	Mr. R. H. Wallman
Mr. B. W. Phillips	Mr. J. G. Waterson
Dr. B. G. Radden	Professor R. F. Whelan
Mr. J. R. Reiners	

Joint Secretaries: Mr. T. Brown and Mr. G. J. Mount.

ADVISORY BOARD, ANIMAL PRODUCTS RESEARCH FOUNDATION

Chairman: Dr. H. R. Marston

Dr. L. B. Bull	Dr. J. Melville
Professor Sir Stanton Hicks	Professor Sir Mark Mitchell
Dr. H. R. Marston	Professor J. S. Robertson

BOARD FOR ANTHROPOLOGICAL RESEARCH

Chairman: Professor Sir John Cleland

The Chancellor	Professor J. A. FitzHerbert
The Vice-Chancellor	Professor G. H. Lawton
Professor A. A. Abbie	Mr C. J. Millar
Mr. M. J. Barrett	Mr. C. F. Mountford
Professor J. H. Bennett	Dr. A. D. Packer
Professor T. D. Campbell	Mr. T. G. H. Strehlow
Professor Sir John Cleland	Mr. N. B. Tindale
Dr. W. P. Crowcroft	

AUSTRALIAN JOURNAL OF EXPERIMENTAL BIOLOGY AND MEDICAL
SCIENCE

Editor: Professor D. Rowley

Editorial Board:

The Editor	Professor G. B. Mackaness
Professor F. J. Fenner	Dr. G. Nossal
Dr. C. R. Jenkin	Dr. A. B. Roy
Dr. D. I. B. Kerr	Professor M. Salton
Professor P. Korner	Professor N. F. Stanley

Management Committee:

The Editor (Chairman)	Professor H. N. Robson
Professor Sir Mark Mitchell	The Librarian
Professor R. R. Robertson	The Assistant Registrar (Finance).

BOARD OF ADULT EDUCATION

Chairman: Professor W. G. K. Duncan

Professor J. Bishop	Professor J. A. Prescott
Mr. H. C. Brideson	Professor E. A. Rudd
Professor W. G. K. Duncan	Mr. A. O. Thiele
Professor J. A. FitzHerbert	Mr. J. H. Vaughan-Williams (during
Mr. A. S. M. Hely	Mr. D. A. J. Lillicrapp's absence)
Mr. W. P. McAnaney	Mrs. W. D. Walker
Mr. J. V. Nancarrow	Mr. E. Williams

APPOINTMENTS BOARD

Chairman: Professor Sir Mark Mitchell

The Vice-Chancellor	Sir Kenneth Willis
Professor P. H. Karmel	

COLONIAL OFFICE APPLICATIONS BOARD

Chairman: Dr. G. S. Reid

Professor W. G. K. Duncan	Professor H. Stretton
Professor J. A. Prescott	

ANTI-CANCER FOUNDATION

Chairman: The Hon. Mr. Justice Chamberlain

Deputy Chairman: Mr. B. S. Hanson

GOVERNORS

Sir Keith Angas	Sir Francis Matters
Mr. Clyde Cameron	Sir Edward Morgan
Sir Fred Drew	Mr. P. B. Angas Parsons
Mr. D. T. Du Rieu	Mr. R. E. Porter
Mr. S. H. Elliott	Sir Brian Swift
Mr. C. J. Glover	Major-General C. W. Symes
Mr. R. C. Gosse	Mr. A. B. Thompson
Sir Ivan Jose	Mr. W. C. D. Veale
Mr. S. Krantz	Sir Ewen Waterman
Mr. R. A. McAuley	Mr. C. D. Watson
Mr. D. G. McFarling	Mr. A. A. West
Mr. B. H. MacLachlan	Mr. K. C. Wilson
Mr. J. A. Martin	

EXECUTIVE BOARD

Chairman: Mr. B. S. Hanson

The Vice-Chancellor	Sir Ivan Jose
The Chairman of the Foundation	Mr. S. Krantz
Professor G. M. Badger	Mr. J. A. Martin
Mr. H. J. Buchan	Professor J. S. Robertson
Professor L. W. Cox	Mr. C. D. Watson
Mr. F. A. Dibden	

COMMITTEES, FACULTIES, AND BOARDS
POST-GRADUATE MEDICAL FOUNDATION

President: Sir Ewan Waterman
Vice-President: Sir Ellerton Becker

GOVERNORS:

Sir Ellerton Becker	Mr. R. J. McAuley
Mr. H. B. Brooks	Mr. J. A. McGregor
Mr. A. W. Crompton	Mr. A. P. McLachlan
Sir Howard Florey	Mr. T. W. Martin
Mr. D. M. Fowler	Dr. Helen Mayo
Mr. W. G. Gerard	Mr. A. N. Powell
Mr. P. C. F. Hayward	Mr. C. C. Verco
Mr. R. A. Lee	Sir Ewan Waterman
Mr. M. R. Lodge	Mr. K. D. Williams

VICE-CHANCELLOR'S OFFICE

Vice-Chancellor:

HENRY BOLTON BASTEN, C.M.G., M.A. (Oxford). Appointed Assistant to the Vice-Chancellor, 1953; Vice-Chancellor, 1958.

Vice-Chancellor's Secretary: BERYL ELISABETH PEARCE.

Deputy Vice-Chancellor:

Professor Sir MARK LEDINGHAM MITCHELL, M.Sc. (Camb.). Appointed 1951.

Personal Assistant:

ARTHUR PATRICK KEAIN, B.A. Appointed in Registrar's Department, 1962; transferred, 1963.

REGISTRAR'S DEPARTMENT

Registrar:

VICTOR ALLEN EDGELOE, B.A. Appointed Registrar's Assistant, 1927; Assistant Registrar, 1947; Registrar, 1955.

Registrar's Secretary: BESSIE BRIAR MATTISON.

Personal Assistant:

JOHN REGINALD HAYDEN COOK, B.A. (Econ.) (Manc.) Appointed 1963.

Staff Architect:

RONALD WILLIAM MUTTON, A.R.I.B.A., A.R.A.I.A. Appointed Architect, 1961; Staff Architect, 1963.

Architect:

TREVOR CLAUDE CHARLES RUSSELL, A.R.I.B.A. Appointed 1963.

Architectural Assistant: ALFRED IREDALE.

Senior Administrative Assistant:

DAVID JOHN WEBSTER, B.A. (N.Z.). Appointed 1963.

Administrative Assistant for Statistics:

BARRY JOHN HOLDING, B.Ec., A.A.S.A. Appointed 1961.

Administrative Assistants:

DAVID GRAHAM MCKIE, B.A. Appointed 1961.

JOHN MALCOLM BLIGHT, B.Sc., Dip.Ed. Appointed 1964.

Filing Clerk:

ARTHUR GEOFFREY MILLER.

Academic Branch

Assistant Registrar:

HENRY ELLIOTT WESLEY SMITH, Dip.Ed. (Oxford), B.Ed. (Melb.), B.A. Appointed Guidance Officer for Ex-Service Students, 1946; Academic Secretary, 1949; Assistant Registrar, 1955.

Senior Administrative Assistant:

THOMAS JOSEPH SOMERVILLE, B.Comm., Dip. Pub. Admin. (N.U.I.). Appointed Administrative Assistant, 1958; Senior Administrative Assistant, 1962.

Administrative Assistants:

EDWIN GEORGE KING, B.A. (W.A.). Appointed 1958.

FRANCIS SUTHERLAND HAMBLY, B.Ec. Appointed 1959.

ALAN PHILIP WALKER, B.A. Appointed 1961.

MICHAEL ARTHUR RICHARD LUNN, B.A. (Syd.). Appointed 1961.

RICHARD WARREN RENSHAW SCANTLEBURY, T.D. Appointed 1961.

JOHN EDMUND DOUGAN, M.A. (Glas.). Appointed 1963.

PETER COLEBROOK ABBOTT-YOUNG, M.A. (Camb.). Appointed 1964.

Clerk of Examinations:

JAMES RONALD LEICESTER.

Records Clerk:

CHARLES TURNER SANDBROOK VAUGHAN.

Assistant Records Clerk: ROBERT GEORGE BOWDITCH.

Clerk in Medical School:

JOHN WILLIAM BROWN.

Finance Branch

Assistant Registrar:

WALTER MEIKLEJOHN, A.A.S.A., A.C.I.S., A.C.A.A. Appointed Accountant, 1954; Assistant Registrar, 1955.

Assistant Accountants:

ERNEST STANLEY WYETT, B.Ec., A.U.A. (Com.), A.A.S.A., A.C.A.A. Appointed Costing and Equipment Officer, 1948; Assistant Accountant, 1952.

ALFRED DONALD SCOTT, A.A.S.A. Appointed Administrative Assistant, 1958; Assistant Accountant, 1962.

Chief Clerk:

DONOVAN WALTER WALLIS, A.A.S.A. Appointed Clerk 1925; Chief Clerk 1952.

Senior Administrative Assistants:

JOHN THOMAS WHELAN, B.Ec. Appointed Administrative Assistant, 1955; Senior Administrative Assistant, 1960.

ARTHUR JOSEPH ALBERT HANSON, A.A.S.A., A.C.I.S. Appointed Administrative Assistant, 1961; Senior Administrative Assistant, 1964.

Administrative Assistants:

DESMOND MARTIN ALFRED FORD, A.A.S.A. Appointed 1963.

WILLIAM KENNETH WOOD. Appointed Clerk, 1958; Administrative Assistant, 1964.

Clerks:

MAISIE LILIAN CLARKE
HELEN AMELIA DICKSON
EVELYN HECTOR OSMOND EDWARDS
PETER WAYNE HANNA
ALBERT KEITH HEINRICH
LAUNCELOT HOWARD JOHNSWOOD
JOHN SCOTT SUTTON
FRANK HARRIS THURSTON, A.U.A.

Public Examinations

Secretary:

LAWRENCE HENRY DALZIEL, B.A. Appointed Assistant Secretary, 1950; Acting Secretary, 1958; Secretary, 1959.

Assistant Secretary:

LESLIE ARTHUR JAMES WRIGHT. Appointed 1958.

Clerk:

LEONARD HESKETH NORWOOD.

THE BARR SMITH LIBRARY

Librarian:

IRA DOLEY RAYMOND, M.A. (W.A.), M.Sc. (Columbia). Appointed 1964.

Deputy Librarian:

EOIN HOWITT WILKINSON, B.A. (Syd.), M.A. (Chic.), Appointed 1962.

Assistant Librarian in Charge of Cataloguing:

MARGARET WALTER SORRELL, B.A., A.L.A.

Assistant Librarian in Charge of Readers' Services:

KERSTIN LILLEMOR ANDERSEN, B.A., A.L.A.

Assistant Librarian (Law Library):

GWENDA CLARE SARGEANT, B.A. (Melb.), M.L. (Wash.).

Assistant Librarian (Medical Library):

JUDITH ANNE LLOYD, B.Sc.

Senior Library Assistants:

SHIRLEY EDITH CORRELL, B.A. (Periodicals).

MARJORIE WINNIFRED ROONEY, B.A. (Book Orders).

HELGA FREUND ZINNBAUER, Ph.D. (Vienna) (Cataloguing).

Library Assistants:

JAMES ROSS ANDERSON, B.A. (N.S.W.)
 BRIAN ALEXANDER BAHNISCH
 JUDITH EILEEN BROWN, M.Sc.
 GILLIAN FRANCES CASHMORE, B.A.
 EVELEEN ANNE CULSHAW, B.Sc.
 RICHARD JOHN MALCOLM FINLAY, B.A.
 VALDONS ELMARS FRICKAUSS, B.A.
 LESLIE F. HOWARD
 ALEXANDER HYSLOP, B.A.
 MARY VERONICA KEANE, B.A.
 GWENYTH WINSOME OWEN, B.A., Dip.Ed.
 JUDITH FAYE PERRIAM
 PAULINE MARY PHILLIPS, B.A. (Syd.)
 ILZE PUKITIS, B.A.
 MARY ROBINSON, B.Sc. (Belg.).
 EILEEN CONSTANCE ROGERS.
 RUTH ELIZABETH ROSS, B.A.
 MAVIS NOREEN SCHUMACHER, B.A.
 JANETTE MURIEL SINCOCK, B.A.
 JILLIANNE MARY WALKER, B.A.

COMPUTING CENTRE**Director:****Senior Lecturer:**

IAN NICHOLAS CAPON, Ph.D. (Camb.), B.Sc. Appointed Lecturer, 1961; Senior Lecturer, 1964.

Lecturer:

JOHN GAVIN SANDERSON, M.Sc. Appointed in Mathematics Department, 1959; transferred, 1963.

Engineer:

ROBERT JAMES POTTER, B.E.

Officer in Charge of Punch Card Equipment:

DONALD WILLIAM SIMMONS, D.F.C., B.Ec., A.U.A. (Pub. Admin.). Appointed in Registrar's Department, 1955; transferred 1961.

THE UNIVERSITY UNION**Warden:**

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

Secretary:

HORACE SWALES SMITH. Appointed 1957.

Assistant Secretary:

ELIZABETH BRONWEN GREET, B.A. Appointed 1958.

HEALTH SERVICE**Director:**

ROBERT CHARLES HEDDLE, M.B., B.S. Appointed 1963.

ADULT EDUCATION**Director:**

ARNOLD STANLEY McMATH HELY, M.A., B.Com. (N.Z.). Appointed 1957.

Assistant Director:

DESMOND WILLIAM CROWLEY, M.A. (N.Z.), Ph.D. (Lond.). Appointed Assistant to the Director, 1959; Assistant Director, 1961.

Tutor-Organiser:

SYDNEY JOHN ROTH, B.A. (Shef.), B.Ed. (Melb.). Appointed 1963.

Senior Administrative Assistant:

COLIN ROBERT LAWTON, Appointed Administrative Assistant, 1958; Senior Administrative Assistant, 1964.

COORDINATING ARCHITECTS TO THE UNIVERSITY

Messrs. WOODS, BAGOT, LAYBOURNE-SMITH and IRWIN.

UNIVERSITY AUDITORS

Messrs. STEELE and CALDER.

Messrs. ANNELLS, TILLEY, HUNWICK and Company.

THE UNIVERSITY AT BEDFORD PARK

Principal-Designate:

PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.). Appointed George Collin Professor of Economics, 1950; Principal-Designate, 1961. Also Professor of Economics in the University.

Secretary:

HOWARD JAMES BUCHAN, B.Sc. (Syd.). Appointed Senior Administrative Assistant in Registrar's Department, 1954; Secretary for Bedford Park, 1962.

Staff Architect:

GEOFFREY JOHN HARRISON, B.Arch. (Syd.), A.R.A.I.A. Appointed Staff Architect in Registrar's Department, 1959; transferred to Bedford Park, 1962.

Architects:

JAMES MCGREGOR BELFORD, Dip.Arch. (S.A.I.T.), Dip.T.C.P. (Syd.), A.R.A.I.A. Appointed 1962.

TERENCE CHARLES EYRE, A.R.I.B.A. Appointed 1963.

ERNEST MARK LETHBRIDGE, Dip.Arch.(S.A.I.T.) A.R.A.I.A. Appointed 1963.

Architectural Assistant:

KEVYN GRAHAM WHISSON, Dip.Arch.(S.A.I.T.). Appointed 1962.

LIBRARY STAFF

Librarian:

NOEL STOCKDALE, B.A. (Melb.). Appointed 1963.

Assistant Librarian in Charge of Acquisitions:

JEFFREY ERNEST SCRIVENER, B.A., Dip.Ed. (Tas.). Appointed 1963.

Assistant Librarian in Charge of Cataloguing:

BERNADETTE MARIE THERESE BYRNE, B.A. Library Assistant in Barr Smith Library, 1950; Assistant Librarian at Bedford Park, 1963.

Senior Library Assistant:

MARGARET GRACE GINSBURG, B.A. (Rand). Appointed 1964.

Library Assistants:

DAPHNE MIRANDA YOUNG, B.A. (W.A.). Appointed 1964.

ANN CHAPMAN, B.A. Appointed 1964.

MARGARET ANNE SYMONS, B.A. Appointed 1964.

FRULINKA BUHLER, M.Sc. (Stras.), Ph.D. (Sofia). Appointed 1964.

MAUREEN VALMAI BENZIE, B.A. (W.A.). Appointed 1964.

ACADEMIC STAFF

School of Language and Literature

Professor of English:

RALPH WARREN VICTOR ELLIOTT, M.A. (St.And.). Appointed Senior Lecturer in English, 1959; Reader, 1962; Professor at Bedford Park, 1964.

School of Social Sciences

Professor of History:

OLIVER ORMOND GERARD MICHAEL MACDONAGH, M.A. (N.U.I.), M.A., Ph.D. (Camb.). Appointed 1964.

Professor of Economics:

KEITH JACKSON HANCOCK, B.A. (Melb.), Ph.D. (Lond.) Appointed Lecturer in Economics, 1959; Professor at Bedford Park, 1964.

School of Physical Sciences

Professor of Chemistry

JOHN WILLIAM CLARK-LEWIS, Ph.D. (Nott.), D.Sc. (Lond.), F.R.I.C., F.R.A.C.I. Appointed Senior Lecturer in Organic Chemistry, 1955; Reader, 1960; Professor at Bedford Park, 1963.

Professor of Physics:

MAXWELL HOWARD BRENNAN, B.Sc., Ph.D. (Syd.). Appointed 1964.

School of Biological Sciences

Professor of Biology and Chairman of the School:

AVON MAXWELL CLARK, M.Sc. (Melb.), Ph.D. (Camb.). Appointed 1964.

ACADEMIC STAFF

FACULTY OF ARTS

CLASSICS AND COMPARATIVE PHILOLOGY AND LITERATURE

The Hughes Professor:

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

Reader:

ALFRED FRENCH, M.A. (Camb.). Appointed Senior Lecturer, 1950; Reader, 1964.

Senior Lecturer:

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

Lecturers:

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

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

Senior Tutor:

KATHLEEN LILIAN HASSELL, M.A.

Tutor:

CARMEL ISABEL YOUNG, M.A. (Auck.), B.Phil. (Oxford).

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.

Readers:

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

JOHN ANTHONY COLMER, M.A. (Oxford), Ph.D. (Lond.). Appointed Senior Lecturer, 1961; Reader, 1964.

Reader in Australian Literature:

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

Senior Lecturers:

FRANCIS HUGH MARES, B.A. (Dur.), B.Litt. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1962.

ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed Lecturer 1958; Senior Lecturer, 1963.

Lecturers:

ALAN WILLIAM RUDRUM, B.A. (Lond.), Ph.D. (Nott.). Appointed 1958.

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

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

PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed 1961.

SHEILA ANN SMITH, M.A. (Lond.). Appointed 1961.

ALAN THEO BRISSENDEN, B.A., Dip.Ed. (Syd.). Appointed 1963.

MANFRED FRASER MACKENZIE, B.A. (Syd.), B.Litt (Oxford). Appointed 1964.

FRENCH LANGUAGE AND LITERATURE

Professor:

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

Senior Lecturer:

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

Temporary Senior Lecturer:

PETER SUTHERLAND HAMBLY, D. de l'U (Paris), B.A.

Lecturers:

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

ANDREE MARCELLE DAVID, D.E.S., C.A.P.E.S. (Paris). Appointed 1963.

GERMAN LANGUAGE AND LITERATURE**Professor:**

BRIAN LAURENCE DILLON COGHLAN, Ph.D. (Birm.). Appointed 1962.

Reader:

GERHARD SCHULZ, Ph.D. (Leipzig). Appointed 1964.

Lecturers:

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

ALOIS OTTO BONIC, B.A. (Melb.). Appointed 1963.

Tutors:

WILLEM ADRIAAN ROOSE.

WERNER SCHLICK.

MARIE-LOUISE THIERSCH.

HISTORY**Professor and Head of the Department:**

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

Professor:

GEORGE FREDERICK RUDE, M.A. (Camb.), Ph.D. (Lond.), F.R.Hist.S. Appointed Senior Lecturer, 1960; Professor, 1964.

Senior Lecturers:

HEINZ SIGFRID KOPLowitz KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.

KATHLEEN WOODROOFE, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1958.

WALTER ALFRED PETER PHILLIPS, M.A. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961.

KENNETH LOWELL OLIVER GILLION, M.A. (N.Z.), A.M. (Mass.), Ph.D. (A.N.U.). Appointed 1963.

JOHN THOMAS GILCHRIST, Ph.D., Dip.Ed. (Leeds). Appointed Lecturer 1958; Senior Lecturer, 1964.

HECTOR GILCHRIST LUSK MacTAGGART KINLOCH, M.A. (Camb.), Ph.D. (Yale). Appointed Lecturer, 1960; Senior Lecturer, 1964.

Lecturers:

MALCOLM ALEXANDER JACK, M.A. (Oxford). Appointed 1959.

WILLIAM FREDERICK MANDLE, B.A. (Oxford). Appointed 1960.

TREVOR GORDON WILSON, M.A. (N.Z.), D.Phil. (Oxford). Appointed 1960.

ISRAEL GETZLER, M.A. (Melb.). Appointed 1962.

LOTTE GLOW, M.A. (Melb.). Appointed 1962.

JOHN MILLER TREGENZA, Ph.D. (A.N.U.), M.A. Appointed 1963.

JOHN MICHAEL RENDER YOUNG, M.A. (Auck.), B.A. (Oxford). Appointed 1963.

E. D. STEELE, B.A. (Camb.). Appointed 1964.

Tutors:

IAN DONALD BLACK.

JOHN BRADLEY HIRST, B.A.

WINNIFRED RUTH CHRISTINE JAQUES.

JANET MARIAN ROBERTSON, B.A.

JUDITH HELEN WELLS

HISTORY AND POLITICAL SCIENCE**Professor:**

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

Senior Lecturer in Government and Public Administration:

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

Senior Lecturer:

ROBERT LEIGHTON REID, M.A. Appointed Lecturer, 1957; Senior Lecturer, 1963.

Lecturers:

ALAN JOSEPH WARD, B.Sc. (Econ.) (Lond.), M.A. (Conn.). Appointed 1963.

NEAL BLEWETT, B.A., Dip.Ed. (Tas), M.A. (Oxford). Appointed 1964.

Senior Tutor:

ROBERT HETHERINGTON, B.A.

PHILOSOPHY**The Hughes Professor:**

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

Reader:

CHARLES BURTON MARTIN, B.A. (Boston), Ph.D. (Camb.). Appointed Lecturer, 1954; Senior Lecturer, 1956; Reader, 1963.

Senior Lecturer:

MAURICE MEREDITH STERIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950.

Lecturers:

MICHAEL CHARLES BRADLEY, B.Phil (Oxford), M.A. Appointed 1962.
SAMUEL EDWARD HUGHES, M.A. (Manc.). Appointed 1963.
IAN CHARLES HINCKFUSS, B.Sc. (Q'sld.). Appointed 1964.

PSYCHOLOGY**Professor:**

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

Honorary Professor:

NORMAN LESLIE MUNN, Ph.D. (Clark), D.Sc. (Springfield). Appointed 1963.

Readers:

ZOLTAN PAUL DIENES, Ph.D. (Lond.), Dip.Ed. (Leic.). Appointed 1960.
KENNETH ALFRED PROVINS, M.A. (Oxford), Ph.D. (Reading). Appointed 1962.

Senior Lecturers:

SYDNEY HAROLD LOVIBOND, B.A. (Melb.), Ph.D., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959.
LAURENCE BINET BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (Lond.). Appointed Lecturer, 1957; Senior Lecturer, 1961.
DAVID NORRIS GIBBS, M.A. (N.Z.), Ph.D. (Lond.). Appointed Lecturer, 1957; Senior Lecturer, 1963.
RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed Lecturer, 1958; Senior Lecturer, 1964.
PETER HELMUT GLOW, B.A. (Melb.), Ph.D. (Lond.). Appointed Lecturer, 1959; Senior Lecturer, 1964.

Lecturers:

LAMBROS HOUSIADAS, B.A. (Thessalonika), Ph.D. (Leeds). Appointed 1961.
FRANCIS ROBERT DALZIEL, Ph.D. (Aberd.). Appointed 1962.
ANTHONY HAROLD WINEFIELD, Ph.D. (Lond.). Appointed 1962.
DAVID GLENN MULLIGAN, M.A. (N.Z.). Appointed 1964.

Tutor:

PETER SIMON DELIN, M.A. (Oxford).

GEOGRAPHY**Professor:**

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

Senior Lecturers:

BRUCE MASON, B.Sc. Appointed 1959.
CHARLES ROWLAND TWIDALE, M.Sc. (Brist.), Ph.D. (McGill). Appointed Lecturer, 1959; Senior Lecturer, 1962.
ANN MARSHALL, M.Sc. (Melb.), M.A. (Calif.). Appointed Part-time Lecturer, 1940; Lecturer, 1958; Senior Lecturer, 1964.

Lecturers:

TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales), F.R.Met.S. Appointed 1960.
MICHAEL WILLIAMS, Ph.D. (Wales). Appointed 1960.
NIGEL MORRITT WACE, B.A. (Oxford), Ph.D. (Belf.). Appointed 1961.
RONALD KEITH HEFFORD, B.Ec. Appointed 1962.
PETER JOHN SMAILES, M.A. (Manc.). Appointed 1963.

Senior Tutor:

ERLAND JEFFREY BROCK, B.A. (Temporary).

Tutors:

ELIZABETH MARY CORBIN, B.A.
PETER CRABB, B.Sc. (Glas.).

EDUCATION**Professor:**

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

Senior Lecturer:

ERNEST ROE, M.A. (Oxford), B.Ed. (Q'sld.). Appointed Lecturer, 1960; Senior Lecturer, 1963.

Lecturers:

DEREK MORTON TOOMEY, B.A. (Manc.), Dip.Ed. (Leeds). Appointed 1960.
 PETER ALFRED NEWNHAM, B.A. (Lond.). Appointed 1961.
 JACK ALAN ROWELL, M.Sc. (Leeds). Appointed 1964.
 JOHN SPENCER DUNKERLEY, M.A. (Camb.). Appointed 1964.

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 Gollin Professor and Head of the Department:**

HAROLD FRENCH LYDALL, B.A. (Sth. Africa), M.A. (Oxford). Appointed 1962.

Professor:

ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), M.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1958; Professor, 1964.

Reader:

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

Readers in Agricultural Economics:

FRANCIS GEORGE JARRETT, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed Lecturer 1953; Senior Lecturer 1956; Reader 1960.
 JOHN LOUIS DILLON, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed Senior Lecturer, 1961; Reader, 1964.

Senior Lecturers:

HUGH RICHARD HUDSON, B.Ec. (Syd.). Appointed 1960.
 ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed Lecturer, 1956; Senior Lecturer, 1962.
 GEOFFREY COLIN HARCOURT, M.Com. (Melb.), Ph.D. (Camb.). Appointed Lecturer, 1958; Senior Lecturer, 1963 (On Leave).
 MAUREEN DORIS BRUNT, B.Com. (Melb.). Appointed Lecturer, 1960; Senior Lecturer, 1963.
 DONALD HENRY WHITEHEAD, B.A. (Oxford). Appointed Lecturer 1958; Senior Lecturer, 1964.

Lecturers:

JONATHAN COURTNEY GEORGE WRIGHT, B.Com. (Melb.). Appointed 1961.
 ALAN ANTHONY LESLIE POWELL, Ph.D. (Syd.). Appointed 1962.
 METODEY POLASEK, Ph.D. (Duke), B.Ec. Appointed 1962.
 MICHAEL JOHN ARTIS, B.A. (Oxford). Appointed 1964.

Temporary Lecturer:

BARRY BRENTON WORRALL, B.A. (W.A.).

Tutors:

ROBERT MALCOLM ROBERTSON, B.Ec.
 ERIC S. RICHARDS, B.A. (Nott.).

COMMERCE**Professor:**

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

Senior Lecturers:

FREDERICK KENNETH WRIGHT, B.Met.E., B.Com. (Melb.). Appointed 1962.
 ALLAN DOUGLAS BARTON, B.Com. (Melb.), Ph.D. (Camb.). Appointed Lecturer in Economics, 1959; Senior Lecturer in Commerce, 1962.

Lecturers:

KEITH GERALD JONES, B.Com. (Melb.), A.A.S.A., A.C.I.S. Appointed 1961.
 RICHARD DEANE TERRELL, B.Ec. Appointed 1962.
 JAMES YOUNG HENDERSON, B.Ec. Appointed 1963.

Part-time Lecturer

NEIL SARAH, B.Ec.

Tutor:

MURRAY SCOTT HENDERSON, B.Ec.

FACULTY OF SCIENCE

MATHEMATICS

Professor of Applied Mathematics and Head of the Department:

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

The Elder Professor of Pure Mathematics:

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

Professor of Mathematical Statistics:

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

Reader:

JENS RAINER MARIA RADOK, M.A. (Melb.), D.Ing. (T.H. Munich). Appointed 1963.

Senior Lecturers:

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

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

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

REYNOLD GILBERT KEATS, B.Sc., F.A.S.A. Appointed 1961.

EDITH JANE PITMAN, B.A. (Tas.), Ph.D. (Syd.). Appointed 1963.

JACK PHILLIP TULL, Ph.D. (Ill.). Appointed 1963.

Senior Lecturer in Mathematical Statistics:

JOHN NEWTON DARROCH, M.A. (Camb.). Appointed 1962.

Lecturers:

KERWIN WILLIAM MORRIS, B.Sc. Appointed 1956.

JOHN BALFOUR BUXTON, B.Sc. Appointed 1964.

ROBERT PALMER HALE, B.A. (Camb.), B.Sc. Appointed Senior Tutor, 1961; Lecturer, 1963.

Tutors:

MARTA SVED, B.Sc.

FRANCES MACNALLY, B.Sc. (Lond.).

KENNETH ROBERT PEARSON.

GLEN RAYMOND THOMPSON.

ROBERT SCOTT ANDERSSSEN, M.Sc. (Q'sld.).

Research Fellow (Australian Road Research Board):

JOHN ANTHONY TOMLIN, B.Sc.

PHYSICS

The Elder Professor:

JOHN HENRY CARVER, M.Sc. (Syd.), Ph.D. (Camb.). Appointed 1961.

Readers:

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

BASIL HUGH BRIGGS, M.A., Ph.D. (Camb.). Appointed Senior Lecturer, 1962; Reader, 1964.

WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959; Reader, 1964.

Senior Lecturers:

DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.

EDWIN HARRY MEDLIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1960.

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1962.

ARTHUR REGINALD BEVAN, Ph.D. (Lond.), M.Sc. (Syd.). Appointed Lecturer, 1959; Senior Lecturer, 1963.

ROBERT LAWRANCE, M.Sc., A.Inst.P. Appointed Lecturer, 1959; Senior Lecturer, 1963.

Lecturers:

CHARLES JOHN EDGAR KEMPSTER, M.A., Ph.D. (Camb.). Appointed 1959.

LEON GORDON ERICSON, Ph.D. Appointed 1960.

ERIC LIONEL MURRAY, Ph.D. Appointed 1962.

ERICH WEIGOLD, Ph.D. (A.N.U.), B.Sc. Appointed 1962.

KEITH BURROWS, M.Sc. (Manc.), Ph.D. (Lond.), D.I.C., A.Inst.P., A.M.Brit.I.R.E. Appointed 1964.

PAUL J. EDWARDS, B.Sc. (Tas.) Appointed 1964.

Demonstrators:

ALAN CHARLTON BASTIAN, B.Sc. (W.A.).
 JOHN ROGER CATCHPOOLE, B.Sc.
 BRIAN HENRY HORTON, B.Sc. (Q'sld.).
 BRYAN ROBERT WALTER.
 MICHAEL VINCENT WILKSCH.

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:

PATRICK WILLIAM SEYMOUR, Ph.D.(A.N.U.), C.G.I.A., A.M.I.E.E. Appointed 1963.

Temporary Lecturer:

LINDSAY RICHARD DODD, B.Sc.

PHYSICAL AND INORGANIC CHEMISTRY**The Angas Professor and Head of the Department:**

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

Professor of Inorganic Chemistry:

DONALD RICHARD STRANKS, Ph.D. (Melb.). Appointed 1964.

Senior Lecturers:

JACK ROBSON URWIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.
 PETER JOHN DUNLOP, B.Sc. (W.A.), Ph.D. (Wis.). Appointed 1959.
 STANLEY WALLACE KENNEDY, Ph.D. (Belf.). Appointed Lecturer, 1957;
 Senior Lecturer, 1963.
 THOMAS NORMAN BELL, Ph.D. (Durh.). Appointed Lecturer 1958; Senior Lecturer, 1964.
 JOHN HEWLETT COATES, B.Sc. (Nott.), Ph.D. Appointed Lecturer in Agricultural Chemistry, 1957; Physical and Inorganic, 1959; Senior Lecturer, 1964.
 ALEXANDER ADAMANTIOU DIAMANTIS, M.Sc. (Syd.), Ph.D., D.I.C. (Lond.). Appointed Lecturer, 1959; Senior Lecturer, 1964.
 JOHN CHARLES SHELDON, Ph.D. (Nott.). Appointed Lecturer, 1961; Senior Lecturer, 1964.

Lecturers:

THOMAS KURUCSEV, Ph.D. Appointed 1958.
 MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. 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.
 PETER EDWARD MARSHALL ALLEN, D.Sc. (Birm.). Appointed 1963.

ORGANIC CHEMISTRY**Professor:**

GEOFFREY MALCOLM BADGER, M.Sc. (Melb.), Ph.D. (Lond.), D.Sc. (Glas.), 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.
 ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W.A.), D.Phil. (Oxford). Appointed Lecturer, 1958; Senior Lecturer, 1962; Reader, 1964.

Senior Lecturers:

GRAHAM ETHELBERG LEWIS, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1961.
 WOLFGANG HERMANN FRITZ SASSE, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1963.
 THOMAS McLEOD SPOTSWOOD, M.Sc. (Tas.), Ph.D., A.R.A.C.I. Appointed Lecturer, 1962; Senior Lecturer, 1964.

Lecturers:

GEORGE EDWARD GREAM, M.Sc. (N.E.), Ph.D. (Camb.). Appointed 1961.
 RICHARD ALAN JONES, B.A., B.Sc. (Oxford), Ph.D. (Camb.). Appointed 1961.
 RALPH ALAN MASSY-WESTROPP, M.Sc. (Syd.), Ph.D. (Manc.). Appointed 1961.
 ROLF HERMAN PRAGER, Ph.D. (Syd.). Appointed 1964.

Demonstrator:

JOHN ALEXANDER EDGAR, B.Sc.

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.

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

JOHN BRETT JONES, B.Sc. (Q'sld.), Ph.D. (Wisc.). Appointed Lecturer, 1959; Senior Lecturer, 1964.

JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (Calif.). Appointed Lecturer, 1958; Senior Lecturer, 1964.

BRIAN DAILY, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1964.

Lecturer:

ROBERT WILLIAM NESBITT, Ph.D. (Durh.), F.G.S. Appointed 1961.

Senior Demonstrator:

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

Demonstrators:

KINGSLEY JOHN MILLS, B.Sc.

KENNETH JOHN POCOCK, B.Sc.

ROBIN OFFLER, B.Sc.

Curator of the Museum:

DONALD HUGH McCOLL, B.Sc. (Melb.).

ECONOMIC GEOLOGY**Professor:**

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

Senior Lecturer:

ALICK WILLIAM GREEN WHITTLE, M.Sc. Appointed 1961.

BOTANY**Professor:**

RUTHERFORD NESS ROBERTSON, D.Sc. (Syd.), Ph.D. (Camb.), F.R.S., F.A.A. Appointed 1962.

Reader:

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

Senior Lecturers:

JAMES PETER REEVE RICHES, M.A., Ph.D. (Camb.). Appointed Lecturer, 1953; Senior Lecturer, 1958.

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

Lecturers:

ROBERT TERRENCE LANCE, Ph.D. (W.A.). Appointed 1961.

MICHAEL GEORGE PITMAN, M.A., Ph.D. (Camb.). Appointed 1962.

Systematic Botanist:

CONSTANCE MARGARET EARDLEY, M.Sc. Appointed 1950.

Research Fellow (Rural Credits Fund):

PETER FERGUSON BROWNELL, Ph.D.

Senior Demonstrators:

ELISE MARGARETTA WOLLASTON, A.U.A., B.Sc.
 ESTELLE ANNE MITCHELL, M.Sc.
 MARGARET ELVA JACKMAN, B.Sc.

Demonstrators:

PETER HAMILTON SMITH, B.Sc. (N.Z.).
 ELIZABETH ADELAIDE ANNE HALL, B.Sc.
 SHIRLEY RAE SEXTON, B.A., B.Sc. (N.Z.).
 ALAN BAILEY, B.Sc. (Liv.).
 DAVID ANDREW THOMAS, M.Agr.Sc. (Melb.).

ZOOLOGY**Professor and Head of the Department:**

HERBERT GEORGE ANDREWARTHA, D.Sc., F.A.A. Appointed Entomologist,
 1936; Senior Entomologist, 1950; Reader, 1955; Professor, 1962.

Professor of Parasitology:

WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D., D.Sc. (Lond.), F.A.A. Ap-
 pointed Professor of Zoology, 1952; Professor of Parasitology, 1962.

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 HAROLD SATCHELL, B.Sc. (Lond.), Ph.D. (Leeds). Appointed 1962.
 RAYMOND IAN SOMMERVILLE, M.Agr.Sc. (N.Z.). Appointed 1964.

Senior Lecturer in Electron Microscopy:

JOHN ROYLE CASLEY-SMITH, D.Phil. (Oxford), B.Sc., M.B., B.S. Appointed
 1964.

Lecturers:

DEREK ANTHONY DUCKHOUSE, Ph.D. (Lond.). Appointed 1958.
 DONALD FREDERICK LAWS, M.A., B.D., B.Sc. (N.Z.), Ph.D. (Wash.). Appointed
 1962.
 SHELLEY BARKER, Ph.D. (W.A.) Appointed 1963.

Research Fellow:

MICHAEL WARBURG, M.Sc. (Jerusalem), Ph.D. (Yale).

Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

Demonstrators:

LAWRENCE JOHN BENNETT, B.Sc. (Wales).
 BRIAN FRANK GREEN, B.Sc. (Lond.).
 MARGARET ALISON BAILEY, B.Sc. (Birm.).
 DEREK EDMUND POMEROY, M.A. (Camb.).
 DAVID WINN BURTON, M.Sc. (N.Z.).
 VERA AGNES BURTON, B.Sc. (Well.).

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:****Readers:**

ERIC SPENCER HOLDSWORTH, Ph.D. (Leeds), F.R.I.C. Appointed 1958.
 GEORGE ERNEST ROGERS, M.Sc. (Melb.), Ph.D. (Camb.). Appointed 1963.

Senior Lecturer:

DONALD BRUCE KEECH, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1963.

Lecturers:

MARGARET ELISABETH SUSAN NEVILLE, B.Sc. (Melb.), Ph.D. (Leeds). Ap-
 pointed 1956.
 ROBERT HENRY SYMONS, Ph.D. (Melb.). Appointed 1962.

Demonstrators:

PATRICIA MARGARET WILSON, B.Sc.
 ALFRED JOHN WILKES.
 JULIA KRISTOFF, B.Sc.
 ELIZABETH WARDLE.

Part-time Tutors:

JOAN BURTON PATON, M.Sc.
 JOAN BEER, B.Sc.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

ROBERT FORD WHELAN, M.D., Ph.D., D.Sc. (Belf.), F.R.A.C.P. Appointed 1958.

Readers:

DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1955; Reader, 1964.

ALLAN JOHN DAY, D.Phil. (Oxford), M.Sc., M.D. Appointed Lecturer, 1954; Senior Lecturer, 1955; Reader, 1964.

Reader in Pharmacology:

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

Senior Lecturer:

MAURICE LAURENCE MASHFORD, M.B., B.S. (Syd.), M.R.A.C.P. Appointed 1964.

Lecturers:

PETER GLYNN DELLOW, B.D.S., M.B., B.S. Appointed Temporary Lecturer, 1959; Lecturer, 1961.

JOHN NEILSON McNALLY, B.Sc. Appointed 1962.

Temporary Lecturers:

KEVIN WILLIAM BRANDON, B.Sc.Med., M.B., B.S. (Syd.) Appointed 1964.

PETER RICHARD STUART GOULDHURST, M.B., B.S. Appointed 1962.

GARRY CAMPBELL SCROOP, M.B., B.S. Appointed 1964.

Senior Demonstrator:

BARBARA JOAN DENNIS, M.Sc.

Demonstrators:

REGINALD BERNARD PORTER, M.Sc.

JUDITH ANN MORTIMER, M.Sc. (Syd.).

MICROBIOLOGY**Professor and Head of the Department:**

GEORGE BELLAMY MACKANESS, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), D.C.P. (Lond.). Appointed 1963.

Professor:

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

Reader in Industrial Microbiology:

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

Senior Lecturer:

CHARLES REINHOLD JENKIN, Ph.D. (Lond.). Appointed Lecturer, 1960; Senior Lecturer, 1963.

Lecturers:

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

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

Research Fellows:

PETER REEVES, Ph.D. (Lond.), (Wellcome Trust Grant). Appointed 1961.

KEVEN JAMES TURNER, Ph.D. (U.S.P.H.S. Grant). Appointed 1961.

Demonstrators:

GORDON ERNEST SCHWAB, B.Sc.

ALAN CHARLES BLASKETT, 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.

DAVID LINDSAY HAYMAN, Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1963.

Demonstrators:

JUDITH ANNE WINSTANLEY LEVY, B.Sc.

CAROLYN RUBY OERTEL

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:

DAVID JAMES DONALD NICHOLAS, Ph.D. (Bristol), D.Sc. (Lond.). Appointed 1964.

Readers:

Soil Science:

DENNIS JAMES GREENLAND, M.A., D.Phil. (Oxford). Appointed Lecturer, 1959; Reader, 1963.

Virology:

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

Protein Chemistry:

MAURICE RAYMOND ATKINSON, Ph.D. (Tas.). Appointed Lecturer, 1957; Senior Lecturer, 1961; Reader, 1963.

Senior Lecturers:

Plant Biochemistry:

Analyst:

ALLEN CHARLES JENNINGS, B.Sc. (Syd.). Appointed Lecturer, 1956; Senior Lecturer, 1962.

Soil Science:

Soil Chemistry:

DAVID GRAY LEWIS, M.Sc. Appointed Lecturer, 1951; Senior Lecturer, 1964.

Lecturers:

Soil Science (Wheat Industry Fund):

JOHN MALCOLM OADES, Ph.D. (Leeds). Appointed 1963.

Virus Chemistry:

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

Protein Biochemistry (Wheat Industry Fund):

Animal Biochemistry:

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

Virology:

MAX EDWIN TATE, M.Sc. (Syd.), Ph.D. (N.S.W.). Appointed 1964.

Agricultural Chemistry:

DAVID ROLAND LILJEGREN, Ph.D. Appointed 1964.

Research Fellows:

GERARD FREDERICK KATEKAR, Ph.D.

STANLEY BRIAN WILSON, Ph.D. (Nott.).

AGRONOMY

The Waite Professor of Agriculture and Head of the Department:

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

Reader:

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.
 JAMES KELVIN POWRIE, B.Sc.(Agric.) (W.A.), M.Sc. Appointed Lecturer, 1958; Senior Lecturer, 1962.

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

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

Botany:

- DAVID ERIC SYMON, B.Ag.Sc. Appointed Lecturer in Agronomy, 1951; in Botany, 1956; Senior Lecturer, 1962.

Plant Breeding and Genetics:

- RONALD KNIGHT, B.Sc. (Lond.), Dip.Ag.Sc. (Camb.), Dip.Trop.Ag. (I.C.T.A.). Appointed Lecturer, 1955; Senior Lecturer, 1962.

Lecturers:**Plant Breeding and Genetics:**

- DAVID HERWARD BURNABY SPARROW, B.Sc. (R'dg.) (Barley Improvement Fund). Appointed 1960.

- KEITH MOORE, B.Sc. (Wales) (Wheat Industry Fund). Appointed 1961.

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.

Crop Ecology:

- GRAHAM JOHN LEACH, B.Sc. (R'dg.). Appointed 1962.

Research Fellow:

- JACK LEROY PAUL, M.Sc. (Calif.).

ENTOMOLOGY**The Waite Professor of Entomology and Head of the Department:**

- THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed Entomologist, 1948; Senior Lecturer, 1955; Professor, 1963.

Reader:

- BRUCE JOHNSON, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed Lecturer, 1955; Senior Lecturer, 1960; Reader, 1964.

Senior Lecturers:

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

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

- KEITH MURRAY DOULL, M.Agr.Sc. (N.Z.). Appointed Lecturer, 1955; Senior Lecturer, 1963.

- PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed Lecturer, 1957; Senior Lecturer, 1963.

Lecturer:

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

Systematic Entomologist:

- HELEN MAY BROOKS. Appointed Laboratory Assistant, 1936; Technical Assistant, 1943; Assistant Systematic Entomologist, 1957; Systematic Entomologist, 1964.

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

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

Reader in Microbiology:

- JOHN HENRY WARCUP, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Senior Lecturer, 1951; Reader, 1964.

Senior Lecturers:**Plant Pathology:**

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

NEIL CLARENCE CROWLEY, B.Sc.Agr. (Syd.), Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1962.

MAURICE VERNON CARTER, M.Ag.Sc. Appointed Research Officer, 1953; Lecturer, 1956; Senior Lecturer, 1963.

Systematic Mycologist (Department of Health Grant):

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

Lecturers:**Plant Pathology:**

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

Nematology:

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

Virology:

RICHARD IGNACY BARTLOMIEJ FRANCKI, Ph.D. (N.Z.). Appointed 1961.

Forest Pathology:

RICHARD GEORGE PAWSEY, B.Sc. (Lond.), Ph.D. (Nott.). Appointed 1964.

ANIMAL PHYSIOLOGY**Professor:**

WALTER VICTOR MACFARLANE, M.A., M.D. (N.Z.). Appointed 1964.

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.

Senior Lecturers:

NICOS GEORGE MARINOS, M.Sc. (Iowa), Ph.D. Appointed Temporary Lecturer, 1952; Lecturer, 1956; Senior Lecturer, 1962.

LESLIE GODELL PALEG, B.A. (Wash.), Ph.D. (Iowa). Appointed Lecturer, 1957; Senior Lecturer, 1962.

GORDON ROBERT EDWARDS, M.Sc. (Calif.), B.Ag.Sc. Appointed Lecturer, 1957; Senior Lecturer, 1963.

BRYAN GEORGE COOMBE, Ph.D. (Calif.), M.Ag.Sc. Appointed Lecturer, 1959; Senior Lecturer, 1964.

Lecturer:

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

OTHER OFFICERS**Part-time Reader in Biometrics:**

GRAHAM NEIL WILKINSON, B.Sc. (Tas.), M.Sc.

Secretary:

HUGH PETER CHRISTIAN TRUMBLE, B.Ag.Sc., A.U.A. (Pub. Admin.). Appointed 1963.

Farm Manager:

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

Librarian:

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

Photographer:

BRIAN ARTHUR PALK. Appointed 1963.

FACULTY OF ENGINEERING**CIVIL ENGINEERING****Professor:**

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

Readers:

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

GEORGE SVED, Dip.Mech.Eng. (Bud.). 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.

DAVID BEAVINGTON CRAWLEY, M.A. (Camb.), A.M.I.C.E. Appointed 1963.

Lecturers:

DAVID STIRLING BROOKS, M.E. Appointed 1958.

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

DOUGLAS LEONARD PARKHILL, M.A.Sc. (Br. Col.), F.M.T.C. Appointed 1961.

ELECTRICAL ENGINEERING**Professor:**

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

Readers:

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

STEPHEN DIMOV KANEFF, Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958; Reader, 1964.

Senior Lecturers:

GORDON ALBERT ROSE, B.E. Appointed 1958.

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

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

Lecturers:

BRIAN HARTLEY SMITH, B.E. Appointed 1961.

GEORGE KAROLYI, B.E. Appointed 1961.

BRUCE RAYMOND DAVIS, B.E., B.Sc. Appointed 1964.

Part-time Lecturer:

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

MECHANICAL ENGINEERING**Professor:**

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

Reader:

JOHN MANNAM, Ph.D. (Birm), A.M.I.Mech.E. Appointed Senior Lecturer, 1959; Reader, 1963.

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.

ANTHONY GEORGE THOMPSON, B.E. (N.Z.), A.M.Mech.E. Appointed Lecturer, 1958; Senior Lecturer, 1962.

ALLAN SHAW, B.A. (Brooklyn), B.M.E. (N.Y.), A.S.M.E. Appointed 1962.

ROBERT BRUCE KING, B.Sc. (Syd.), A.S.T.C. Appointed Lecturer, 1959; Senior Lecturer, 1963.

MAXWELL K. BULL, B.Sc., B.Mech.E. (Melb.), Ph.D. (S'ton). Appointed 1964.

Lecturers:

JAMES HENRY FOWLER, B.E. Appointed 1956.

JAMES ROSS DYER, B.E., B.Ec. Appointed 1961.

CHEMICAL ENGINEERING**Professor:**

ROBERT WILLIAM FRANCIS TAIT, Ph.D. (Birm.). Appointed Senior Lecturer, 1950; Reader, 1955; Professor, 1963.

Senior Lecturers:

- THOMAS OLIVER PENMAN, B.Sc. (Eng.) (Lond.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1959.
 BRIAN ANDREW HILLS, M.A. (Camb.), Dip. Chem. Eng. (Lond.), A.R.I.C. Appointed 1963.
 TERENCE NORMAN SMITH, B.E. (Syd.) Appointed Lecturer, 1959; Senior Lecturer, 1964.

FACULTY OF LAW
The Bonython Professor of Laws:

- ARTHUR ROGERSON, M.A. (Oxford). Appointed 1964.

Professor of International Law:

- DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D. (Camb.). Appointed Reader, 1953; Professor, 1962.

Reader:

- ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chic.) Appointed Senior Lecturer, 1958; Reader, 1964.

Senior Lecturers:

- COLIN HOWARD, LL.M. (Lond.), Ph.D. Appointed 1960.
 HORST KLAUS LÜCKE, Dr.Jur. (Cologne), M.C.J. (N.Y.), LL.B. Appointed 1961.
 DAVID St. LEGER KELLY, B.C.L. (Oxford), LL.B. Appointed 1964.

Part-time Senior Lecturer:

- CHRISTOPHER JOHN LEGOE, M.A. (Camb.). Appointed 1961.

Lecturers:

- IVAN ANTHONY SHEARER, LL.B. Appointed 1963.
 JOHN F. KEELER, B.A. (Oxford). Appointed 1964.
 MICHAEL JOHN TREBILCOCK, LL.B. (N.Z.). Appointed 1964.

Part-time Lecturers:**In the Law of Property:**

- WILLIAM ANDREW NOYE WELLS, Q.C., 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 Criminal Law and Procedure:

- RODERICK GRANT MATHESON, B.A., LL.B. Appointed 1963.

In Legal Ethics:

- JOHN NEIL McEWIN, LL.B. Appointed 1953.

In Local Government Law:

- HAROLD ASHLEY NORMAN, LL.B. Appointed 1961.

In Industrial Law:

- JOHN HEREFORD PORTUS. Appointed 1961.

In Roman Law:

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

In Family Law:

- ROMA FLINDERS MITCHELL, Q.C., LL.B. Appointed 1960.

In Commercial Law:

- DUDLEY LEWIS RICHARDS, LL.B. Appointed 1962.
 OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.

Tutor:

- WARREN BRENT FISSE, LL.B. (Cant.).

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. (Prin.), 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. (Lond.), F.R.A.C.P., F.R.A.I. Appointed 1945.

Readers:

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

JOHN HENRY MARTIN GODFREY VAN DETH, M.D. (Amsterdam). Appointed Senior Lecturer, 1960; Reader, 1963.

Senior Lecturer:

ROBERT ANGUS BARBOUR, M.D. Appointed Lecturer, 1956; Senior Lecturer, 1961.

Lecturers:

RAM SINGH TULSI, D.S.M. (Fiji). Appointed 1961.

PHILLIP WILLIAM SANTO MESSENT, M.B., B.S. Appointed Temporary Lecturer, 1961; Lecturer, 1964.

Temporary Lecturer:

MARIS ATIS MICHAEL ROZENBILDS, M.B., B.S. Appointed 1964.

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), F.R.A.C.P., M.C.P.A. 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., M.R.A.C.P., M.C.P.A. Appointed 1958.

Senior Lecturer:

REGINALD KENNETH FELIX PAK POY, M.D., M.R.A.C.P. Appointed 1964.

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.

Temporary Lecturers:

NEVILLE GORDON ARDLIE, M.B., B.S. Appointed 1963.

WILFRED ALBERT KLAU, M.B., B.S. Appointed 1964.

HANS KONRAD MULLER, B.Med.Sc., M.B., B.S. Appointed 1964.

ERROL GLEN WILMSHURST M.B., B.S. Appointed 1964.

Research Fellows (Traffic Accidents):

GERALD ANTHONY RYAN, M.B., B.S. Appointed 1962.

ALEXANDER JOHN McLEAN, B.E. Appointed 1962.

MEDICINE

The Mortlock Professor and Head of the Department:

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

Professor:

BASIL STUART HETZEL, M.D., M.R.C.P., F.R.A.C.P. Appointed Reader, 1958; Professor, 1964.

Senior Lecturers:

HARRY LANDER, M.B., B.S., M.R.A.C.P. Appointed 1959.
IAN JAMES FORBES, M.D., M.R.A.C.P. Appointed 1963.

Temporary Lecturers:

RICHARD JOHN KIMBER, B.D.S., M.B., B.S. Appointed 1962.
ANDERS GUSTAF WANGEL, M.B., B.S., M.R.A.C.P. Appointed 1962.

Part-time Lecturers:

In Medicine at the Royal Adelaide Hospital:

JOSIAH MARK BONNIN, M.D., M.R.C.P., F.R.A.C.P. Appointed 1957.
CHRISTOPHER BAGOT SANGSTER, O.B.E., M.D., F.R.C.P., F.R.A.C.P. Appointed 1958.
ROBERT FRANK WEST, M.D., F.R.C.P., F.R.A.C.P. Appointed 1962.

In Medicine at the Queen Elizabeth Hospital:

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

In Pulmonary Tuberculosis:

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

Part-time Tutors:

In Medicine at the Royal Adelaide Hospital:

DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.
HUGH ROBERT GILMORE, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.
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.
RONALD EDYVANC RUSSELL, M.B., B.S., 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:

GEOFFREY THOMAS EY, M.B., B.S.
MERVYN JOHN HOFFMAN, M.B., B.S.
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.
LAURENCE LEIGH WILSON, M.B., B.S., M.R.C.P. (Edin.).
PETER HERMANN WISE, M.B., B.S.

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.

Michell Research Fellow:

DONALD JOHN DELLER, M.B., B.S. (Syd.), D.Phil. (Oxford), M.R.C.P., M.R.A.C.P.

Research Fellows:

MARTIN GEOFFREY DAVEY, M.B., B.S. (Syd.).
RAELENE LORNA KINLOUGH, M.B., B.S.

SURGERY

Professor:

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

Reader:

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; Reader, 1964.

Senior Lecturers:

RICHARD CLAYTON BENNETT, M.B., B.S., F.R.C.S., F.R.A.C.S. Appointed 1962.
JAMES DUNBAR HARRIS, M.B., B.S., F.R.C.S., F.R.A.C.S. Appointed 1962.

Senior Lecturer in Biochemistry:

JOHN STEWART CHARNOCK, Ph.D. Appointed 1964.

Lecturer in Experimental Surgery:

STANLEY CECIL HOPCROFT, B.V.Sc. (Syd.), B.Med.Sc., M.B., B.S. Appointed 1964.

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.
 ALSTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. (Eng. and Edin.),
 F.R.A.C.S. Appointed 1951.
 ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1963.

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):

DAVID OWEN CROMPTON, M.B., B.S., D.O. (Melb.), F.R.A.C.S. Appointed 1961.

In Diseases of the Ear, Nose and Throat:

ROBERT NEIL REILLY, M.B., B.S., D.L. and O. (Melb.), F.R.A.C.S.

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:

MAURICE JAMES WILSON SANDO, M.B., B.S., F.F.A.R.A.C.S.

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.), F.R.A.C.S.
 DONALD DOUGLAS BEARD, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 BRIAN LESLIE CORNISH, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 JAMES O'HALLORAN HYDE, M.B., B.S.
 DONALD STUART KIDD, M.B., B.S. (Syd.), F.R.C.S. (Eng.), F.R.A.C.S.
 MAURICE GLEN MAGUIRE, M.B., B.S., F.R.C.S., F.R.A.C.S.
 DENNIS CRAIG PATERSON, M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S.
 COLIN GORDON PAULL, M.B., B.S., F.R.C.S., F.R.A.C.S.
 ERNEST ALFRED DAVID RUSSELL, M.B., B.S., F.R.C.S., F.R.A.C.S.
 JOHN CLADSTONE SWEENEY, M.B., B.S., F.R.C.S. (Eng.).
 BARTON FREDERICK VENNER, 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:

JAMES CROWE DAVIDSON MILL, M.B., B.S., F.R.C.S.
 FRANK STEWART SMITH, M.B., B.S., F.R.C.S. (Edin.).

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.

In Anaesthesia at the Royal Adelaide Hospital:

PAULINE MARGARET NICHOLSON, M.B., B.S. (Lond.), L.R.C.P., M.R.C.S.,
 D.A. (R.C.P. and S.).
 ALDO VICTOR DREOSTI, M.B., B.Ch. (Rand.), F.F.A.R.C.S., D.A.R.C.P. and S.

In Anaesthesia at the Queen Elizabeth Hospital:

VIVIAN EALDEN REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. and S.).

Teaching Registrar in Surgery at the Royal Adelaide Hospital:

JEFF GIRTS ROZENBILDS, M.B., B.S.

Teaching Registrar in Surgery at the Queen Elizabeth Hospital:**Research Fellow:****OBSTETRICS AND GYNAECOLOGY****Professor:**

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

Reader:

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

Reader in Endocrinology:

RONALD IAN COX, Ph.D. (Edin.). Appointed 1962.

Senior Lecturer:

ROBERT NEILL MUNDAY, M.B., B.S., M.R.C.O.G. Appointed Lecturer, 1961;
 Senior Lecturer, 1963.

Part-time Senior Lecturers:

KARL GEORGE BALL, M.B., B.S., M.R.C.O.G. Appointed 1961.
 MARGARET SMITH, M.B., B.S., M.R.C.O.G. Appointed 1963.

Lecturer:

AILEEN FORSYTH CONNON, M.D. (Belg.), M.R.C.O.G. Appointed 1963

Part-time Tutors:

ROLAND MAURICE CHARLES GEORGES BEARD, M.B., B.S., M.R.C.O.G.

JOHN GOODE BUNDEY, M.B., B.S., M.R.C.O.G.

LORNA RUTH DOW, M.B., B.S., M.R.C.O.G.

IAN KING FURLER, M.B., B.S., M.R.C.O.G.

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

JOHN STARK SKIPPER, M.B., B.S., M.R.C.O.G.

IAN HAROLD FULCHER SWAIN, M.B., B.S. (Syd.), M.M.S.A. (Lond.), M.R.C.O.G.

HUGO ULRICH HERBERT VON ALPEN, M.B., B.S. (Q'sld.), M.R.C.O.G.

CHILD HEALTH**The McGregor Reid Professor:**

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

Senior Lecturer:

GARRY MALCOLM KNEEBONE, M.Sc. (Pittsburgh), M.B., B.S., M.R.A.C.P. Appointed 1963.

Temporary Lecturers:**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.

JOHN GRENEILL WILSON, M.B., B.S., M.R.A.C.P.

At The Queen Elizabeth Hospital:

HENRY GEORGE RISCHBIETH, 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., F.R.A.C.P.

MENTAL HEALTH**Part-time Professor:**

WILLIAM ALEXANDER CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.) Appointed 1963.

Senior Lecturer in Psychological Medicine:**Lecturer in Clinical Psychology:****Senior Tutor in Psychiatric Social Work:****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, F.D.S.R.C.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.) Appointed 1959.

Senior Lecturer in Dental Anatomy:

TASMAN BROWN, M.D.S. Appointed Lecturer, 1960; Senior Lecturer, 1964.

Teaching Registrar:

Temporary Lecturer:

SIDNEY IVOR LUIGI ROVEDA, B.D.Sc. (Q'sld.), D.D.S. (Dal.) Appointed 1962.

Part-time Lecturers:

In Surgery:

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

In Medicine:

JOHN MILROY McPHIE, M.D., M.R.A.C.P.

In Principles of Dental Practice:

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

Part-time Tutors:

In Surgery:

RICHARD ENGLISH DUNSTAN, M.B., B.S.

ERNEST ALFRED DAVID RUSSELL, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.A.

In Medicine:

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

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

To First-year Students:

KENNETH AYLESBURY BROWN, B.D.S.

FREDERICK RUDOLPH HENNING, M.D.S., F.D.S.R.C.S.

HAROLD BRUCE FRAYNE, M.D.S.

DIVISION OF PREVENTIVE DENTISTRY

Reader in Preventive Dentistry:

ELIZABETH ANN FANNING, D.D.S. (N.Z.) Appointed Temporary Senior Lecturer, 1962; Reader, 1963.

Reader in Orthodontics:

MILTON REGINALD SIMS, B.D.S.

Lecturer in Periodontia:

PETER CLARENCE READE, M.D.S., F.D.S.R.C.S. (Eng.) Appointed 1958 (On Leave).

Part-time Tutors:

In Preventive Dentistry:

NORMAN JOSEPH VOWLES, B.D.S.

BRUCE ALLISON TIDSWELL, B.D.S.

In Orthodontics:

BRIAN CORRELL CRISP, M.D.S.

In Children's Dentistry:

BRUCE ALLISON TIDSWELL, B.D.S.

MURRAY LYALL KRANZ, B.D.S.

DIVISION OF ORAL SURGERY AND ORAL PATHOLOGY

Reader in Dental Surgery and Pathology :

JAMES ALEXANDER CRAN, B.D.Sc. (Q'sld.), D.D.Sc. Appointed 1954.

Senior Lecturers:

In Oral Pathology:

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

In Oral Surgery:

BARRY NILAND FITZPATRICK, M.D.Sc. (W.A.), F.D.S.R.C.S. (Eng.) Appointed 1964.

Part-time Lecturers:

In Dental Materia Medica and Therapeutics:

ALLAN JAMES BLOOMFIELD, B.D.S.

In Anaesthesia:

ROBERT ERNEST STEELE, M.B., B.S., F.F.A.R.C.S.

Part-time Tutors:

In Oral Surgery:

THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S.

KEVIN READING MOORE, B.D.S.

In Anaesthesia:

ROBERT ERNEST STEELE, M.B., B.S., F.F.A.R.C.S.

DIVISION OF RESTORATIVE DENTISTRY**Reader in Prosthetic Dentistry:**

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

Senior Lecturer in Conservative Dentistry:OWEN FRANCIS MAKINSON, B.D.S. (Syd.), D.D.S. (Northwestern), F.D.S.R.C.S.,
D.Orth.R.C.S., M.S. (Mich.). Appointed 1963.**Lecturers:****In Prosthetic Dentistry:**

PETER ROBERT NOBLE BEASLEY, B.D.S. (Syd.). Appointed 1963.

In Conservative Dentistry:JOHN KIRKWOOD, B.D.S. (Syd.), D.D.S. (Toronto), F.D.S.R.C.S. (Eng).
Appointed Temporary Lecturer, 1961; Lecturer, 1962.**Part-time Lecturers:****In Conservative Dentistry:**

FREDERICK RUDOLPH HENNING, M.D.S., F.D.S.R.C.S.

In Dental Materials:

FRANTISEK VNUK, B.A., B.Sc.

Part-time Assistant Lecturer/Instructor in Conservative Dentistry:

GRAHAM JAUNAY MOUNT, B.D.S. (Syd.).

Part-time Tutors:**In Prosthetic Dentistry:**JOHN BLUM, B.D.S.
KENNETH AYLESBURY BROWN, B.D.S.
HAROLD BRUCE FRAYNE, M.D.S.
JOHN ALEXANDER REINERS, B.D.S.**In Conservative Dentistry:**ALLAN JAMES BLOOMFIELD, B.D.S.
JOHN FRANCIS BURROW, B.D.S.
HAROLD VERNON CLARKE, B.D.S.
REGINALD FRANK HARRINGTON, B.D.S.
GEOFFREY SINCLAIR HEITHERSAY, B.D.S., F.D.S.R.C.S. (Edin.).
JOHN FREDERICK LAVIS, M.D.S.
JOHN BRIAN LEACH, B.D.S.
GLENN MILLHOUSE, B.D.S.
REUBEN JOHN MYHILL, B.D.S.
CHRISTOPHER MALCOLM SOMERVILLE, B.D.S.
ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S.**In Dental Materials:**

FRANTISEK VNUK, B.A., B.Sc.

Part-time Assistant Tutors in Prosthetic Dentistry:THOMAS EGON KRASSAY, B.D.S. Appointed 1961.
BRIAN HEYLEN SOUTER, B.D.S. Appointed 1963.**FACULTY OF MUSIC**

and

THE ELDER CONSERVATORIUM OF MUSIC**The Elder Professor of Music and Director of the Elder Conservatorium:**

JOHN BISHOP, O.B.E., D.Mus. (Melb.), F.R.C.M. Appointed 1948.

THEORETICAL SCHOOL**Senior Lecturers:**JOHN ADAM HORNER, F.R.C.O., L.R.A.M. Appointed 1948.
JACK VERNON PETERS, B.Mus. (Durh.), Mus.D. (N.Z.), F.T.C.L., F.R.C.O.
(Ch.M.), A.D.C.M. Appointed Lecturer, 1953; Senior Lecturer, 1963.

Lecturers:

HAROLD FAIRHURST. Appointed 1953.
 DAVID GALLIVER, M.A. (Oxford), A.R.C.M. Appointed 1964.

Part-time Lecturer:

ALISON JOYCE HOLDER, Mus.Bac.

Tutor:

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

PRACTICAL SCHOOL**Pianoforte:**

HARRY LANCELOT DOSSOR, A.R.C.M.
 JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
 CLEMENS THEODOR LESKE, Mus.Bac. (Melb.).
 ENID WILLIAMS, D.S.C.M.

Organ:

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
 JACK VERNON PETERS, B.Mus. (Durh.), Mus.D. (N.Z.), F.T.C.L., F.R.C.O.
 (Ch.M.), A.D.C.M.

Singing:

DAVID GALLIVER, M.A. (Oxford), A.R.C.M.
 BARBARA HOWARD.
 ARNOLD MATTERS, A.U.A.
 NANCY THOMAS.
 RICHARD WATSON.

Violin and Viola:

LLOYD DAVIES, D.S.C.M.
 HAROLD FAIRHURST.
 MARIE BERYL KIMBER, F.R.A.M.
 NORA WHITEHEAD, A.R.C.M.

Violoncello:

JOHN DAVID BISHOP.
 JAMES WHITEHEAD, A.R.C.M.

Double Bass:

ARTHUR BONE.

Flute:

DAVID CUBBIN.

Oboe:

JIRI TANCIBUDEK, Mus.M. (Prague).

Clarinet:**Bassoon:**

THOMAS ALBERT WIGHTMAN.

French Horn:**Trumpet:**

LEONARD TAYLOR.

Percussion:

RICHARD SMITH.

Harp:

HUW JONES.

Orchestra and Chamber Music:

DAVID CUBBIN.
 LLOYD DAVIES.
 HAROLD FAIRHURST.
 MARIE BERYL KIMBER, F.R.A.M.
 JIRI TANCIBUDEK, Mus.M. (Prague).
 JAMES WHITEHEAD, A.R.C.M.
 THOMAS WIGHTMAN.

Opera:

BARBARA HOWARD.
 ARNOLD MATTERS.

Speech Training and Drama:

RUTH BARRETT.

Aural Culture and Musical Appreciation:

ALISON JOYCE HOLDER, Mus.Bac.
 JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

Accompanist:

ALISON JOYCE HOLDER, Mus.Bac.

Accompanying:

ENID WILLIAMS, D.S.C.M.

Italian:

GEORGE MASERO, Dott. in Lettere (Genoa).

German:

EDITH DUBSKY.

French:

OTHER OFFICERS

Senior Administrative Assistant:

JOHN LEONARD PORTER. Appointed Administrative Assistant, 1956; Senior Administrative Assistant, 1963.

Librarian:

WERNER GALLUSSER, Ph.D. (Zurich).

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Professor of Architecture:

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

Reader:

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

JOHN DOUGLAS HIPPER, B.Arch. (Melb.), A.R.M.T.C., A.R.A.I.A. Appointed 1961.

FRANCOIS DAVID WALLACE VAN ZYL, B.Arch. (Cape Town), A.R.I.B.A., A.R.A.I.A., M.I.A. Appointed 1961.

ALBERT JOHAN GILLISSEN, B.Arch., Dip.T.P. (Auck.). Appointed 1963.

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. Appointed 1959.

DONALD JOHN CRISP, F.R.I.C.S., F.I.Q.S. (Aust.), M.R.San.I., A.I.A.S. Appointed 1961.

STUART BEAUMONT HART, B.Sc. (Eng.) (Lond.), M.T.P.I., F.A.P.I., A.M.I.E. (Aust.), A.M.I.C.E., A.M.I.Mun.E. Appointed 1959.

HANS LEO WESTERMAN, B.E. (Delft.), M.A.P.I. Appointed 1962.

ALLAN DALE CORREY, Dip.L.D. (Durh.), M.L.A. (Ill.), A.I.L.A. Appointed 1962.

HAROLD MAXWELL BARTON, B.Com. (Melb.).

DOUGLAS ARTHUR SPEECHLEY, B.Sc. (Est. Man.), Dip.T.P., A.R.I.C.S., A.M.T.P.I., M.A.P.I.

Tutor:

RONALD LANE SMITH, B.Arch. (Manit.).

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

STAFF OF DEPARTMENTS OF THE INSTITUTE OF TECHNOLOGY ENGAGED IN TEACHING IN THE FACULTY OF TECHNOLOGY AND APPLIED SCIENCE.

ARCHITECTURE AND BUILDING

GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E., F.R.I.B.A., F.R.A.I.A., M.T.P.I. (Head of School).

ROBERT EDWARD GREENWAY, M.A. (Camb.), A.R.I.B.A., A.R.A.I.A.

GORDON YOUNG, A.R.I.B.A., A.R.A.I.A.

SWAN DOUGLAS SWANSON, Dip.Arch., A.R.I.B.A., A.R.A.I.A.

JAMES RIDYARD, B.Sc. (Tech.) (Manc.), A.I.O.B., A.A.I.B., A.M.C.T.

SCHOOL OF ENGINEERING (Civil, Electrical, Mechanical)

Head of School: STEWART ARMSTRONG, B.Sc. (Tech.) (Manc.), Ph.D. (Shef.).

CIVIL ENGINEERING

FREDERICK ARTHUR HAAS, Dip.Ing. (Vienna), M.I.E. (Aust.) (Head of Department).
 DONALD CHARLES CANTY, Dip.Photo. (U.C. Lond.), L.S., A.M.I.E. (Aust.).
 KENNETH CHARLES PILE, B.E., A.M.I.E. (Aust.).
 BRIAN PRESTON OPIE, Ph.D. (Durh.), B.E., A.M.I.E. (Aust.), A.M.R.I.N.A.
 RICHARD JOHN MEAGHER, B.E. (N.Z.), A.M.A.S.CE.
 MARK GAIL SYMONS, B.E., A.M.I.E. (Aust.), A.M.A.S.CE.
 RONALD SUNTHERERAJ MATHER, B.Sc. (Cey.).
 PETER HARTOG, B.Sc., B.Sc. (Eng.) (Rand), A.R.I.C.S.

ELECTRICAL ENGINEERING

WILSON GORDON FORTE, B.E. (W.A.) (Head of Department).
 STEPHEN JOHN SEKAY, Dip.Elect.Eng. (Bud.), A.S.T.C.
 JONATHAN MOUNT, B.E., F.S.A.S.M.

MECHANICAL ENGINEERING

ROBERT WALTER SMYTH, Ph.D. (Head of Department).
 JERZY ANDRE LORETT, Dip.Ing. (Zurich), M.I.Mech.E.
 GEOFFREY JOHN SAUNDERS, A.S.A.S.M., A.M.I.E. (Aust.).
 DONALD MAXWELL CALDECOTT, A.S.A.S.M., A.M.I.E. (Aust.).
 BRUCE EDWARD FREDERICK MALONE, B.Tech., A.M.I.E. (Aust.).
 DONALD CHARLES McDONALD, B.Tech., A.M.I.E. (Aust.).
 BERT VAN DAAL, Dip.Mech.Eng. (Holland).
 JACK HUBERT BARTHOLOMEW.
 HORST WERNER GADILHE.

SCHOOL OF APPLIED PHYSICS (Mathematics, Physics, Electronics)

Head of School: JAMES WOODHOUSE CROMPTON, M.E., D.I.C., F.S.A.S.M.

MATHEMATICS AND PHYSICS

GEORGE HENSON BARRETT HASKARD, M.Sc., A.Inst.P. (Head of Department).
 ARTHUR EDWARD NORMAN, B.A., B.Sc. (Mathematics).
 ALAN FRANK WOOLDRIDGE, B.Sc. (Mathematics).
 WILLIAM STEVENSON BOUNDY, B.Sc., Dip.Ed. (Physics).
 HAROLD EDGAR MANSBRIDGE, M.Sc.
 ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).
 JOHN ARTHUR WESTPHALEN, B.Sc. (Physics).
 DESMOND JOHN CLARKE, B.Sc. (W.A.) (Mathematics).
 CHRISTOPHER CANDLER, M.A. (Camb.), Dip.Ed. (Lond.) (Physics).
 COLIN RAYMOND McGEE, M.Sc. (Physics).
 VICTOR IVOR METCHNIK, B.Sc. (M.I.T.), M.A. (Calif.), Ph.D. (Physics).
 ROY EDWIN WHITE, M.A. (Camb.) (Physics).
 KENNETH VALENTINE RICHARDSON, B.Sc. (Melb.) (Mathematics).
 THOMAS JOHN DICKSON, B.Sc., Dip.Ed. (W.A.) (Mathematics).
 PHILIP THOMAS DOBNEY, B.Sc.
 RICHARD WALTER AHRENS, B.Sc.
 DENNIS JOHN CLAGUE, B.Sc.
 EDWARD ROBERT SANDERCOCK, B.Sc.

ELECTRONIC ENGINEERING

DAVID WILLIAM COX, B.Sc. (Head of Department).
 DONALD WARD GRIFFIN, B.E., F.S.A.S.M., A.M.I.E.E.
 THOMAS REID, B.Sc. (Eng.) (Glas.).
 MALCOLM ROSSWYN HASKARD, B.E., A.M.I.R.E., A.I.E.E.

SCHOOL OF CHEMICAL TECHNOLOGY AND METALLURGY

Head of School: ERIC WILLIAM MILLS, Ph.D. (Liv.), F.R.I.C.

Chemical Technology:

ROY VERNON CULVER, Ph.D., A.S.A.S.M., D.I.C.
 DUGALD HAUGHTON SLEE, B.A., B.Sc.
 HARRY WATTS, Ph.D. (Brist.).
 REGINALD EDWARD UNDERDOWN, M.Sc., B.Tech., A.U.A.
 THOMAS EDWARD RICHARDS, B.App.Sc.
 NEIL GRAHAM SIVIOUR, B.App.Sc.
 JOHN RALPH McKELLAR, B.Sc.

Metallurgy:

WILLIAM THOMAS DENHOLM, B.Met.E., M.Eng.Sc. (Melb.), Ph.D.
 FRANTISEK VNUK, B.A., B.Sc., A.S.A.S.M.
 JAMES DURIE ESDAILE, B.E.
 IAN BRUCE KETTERIDGE, B.E.

DEPARTMENT OF PHARMACY**Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:**

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

Lecturers:

BASIL JAMES FREDERICK CHRISTIE, Ph.D. Appointed 1962.

BERESFORD HANNAM STOCK, B.Sc., A.U.A. (Pharm.). Appointed 1960.

Part-time Lecturers:**In Forensic Pharmacy:**

RODERICK CHARLES McCARTHY, A.U.A. (Pharm.).

In Commercial Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A. (Pharm.).

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. (Lond.). Appointed
1948.

DENIS JOHN GLENCROSS, B.Ed. (W.A.). Appointed 1963.

JOHN MONCRIEFF, M.P.Ed. (Brit. Columbia). Appointed 1964.

Demonstrator:

ROBERT JOSEPH PADDICK, A.U.A. (Phys.Ed.).

DEPARTMENT OF SOCIAL STUDIES**Senior Lecturer-in-Charge:**RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr),
Ph.D. (Birm.). Appointed 1959.**Senior Lecturer:**MARGARET NORTON, B.Com., Dip.Soc.Stud. (Melb.), M.A. (Chic.). Appointed
Lecturer, 1957; Senior Lecturer, 1963.**Lecturer:**

BRIAN KINGZETT TAYLOR, B.A. (Rhodes), M.A. (Lond.). Appointed 1962.

Tutor:

PATRICIA MARY PIETEREK, A.U.A. (Soc.Sci.).

DEPARTMENT OF PHYSIOTHERAPY**Senior Lecturer-in-Charge:**ELMA GERTRUDE CASELY, T.M.M.G., M.C.S.P. (Lond.), A.P.A. Appointed
Lecturer-in-Charge, 1946; Senior Lecturer-in-Charge, 1961.**Lecturers:**MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T., M.C.S.P. (Lond.). Appointed
1960.JEANNE-MARIE ELISABETH GANNE, T.M.M.G., T.E.T., M.C.S.P. (Lond.).
Appointed Senior Tutor, 1963; Lecturer, 1964.**Tutors:**

JOANNA PRICE, A.U.A.

JANE TAYLOR, A.U.A.

Part-time Lecturers**In Theory of Movement:**

MARY KELL FINNIS

In Pathology:

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

In Theory of Treatments:

CONSTANCE HARTLEY SMITH, A.P.A., M.S.C.P. (Lond.).

Part-time Tutors:**In Children's Treatments:**

HELEN SCOTT BLAIR
 MARY KELL FINNIS
 LOIS HEATH SHEPHERD
 JANICE PATRICIA SPRINGBETT, A.U.A.

In Treatments I:

CONSTANCE HARTLEY SMITH, A.P.A., M.S.C.P. (Lond.).

In General Treatments:

GEOFFREY DOUGLAS MAITLAND, A.U.A.
 SUZANNE FRANCES MOORE, M.S.C.P. (Lond.).
 MARGARET FELSTEAD NOBBS, A.U.A.
 ROSEMARY ALISANNE RUSSELL, A.U.A.
 WENDY SEYMOUR, A.U.A.

In Electrotherapy:

CONSTANCE HARTLEY SMITH, A.P.A., M.S.C.P. (Lond.).

ANTI-CANCER FOUNDATION
Senior Physicist:

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

Physicists:

MERVYN JOHN TOOZE, B.Sc. Appointed 1948.
 RALPH LESLIE NICHOLLS, B.E. (Syd.). Appointed 1962.

Assistant Physicist:

JANE SHEARER. Appointed 1964.

Neoplasm Registrar:

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

Cyto-Pathologist:

JAMES ALEXANDER KIRKLAND, M.D. (St.And.), D.O., R.C.O.G., M.C.P.A.
 Appointed 1963.

Research Fellow:

RESA WAKONIG VAARTAJA, Ph.D. (Austria).

FORMER OFFICERS OF THE UNIVERSITY

CHANCELLORS

SIR RICHARD DAVIES HANSON, Chief Justice of South Australia, 1874-1876.
 THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide, 1876-1883.
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D.,
 Lieutenant-Governor and Chief Justice of South Australia, 1883-1916.
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,
 Lieutenant-Governor and Chief Justice of South Australia, 1916-1942.
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A., 1942-1948.
 THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D., 1948-1961.

DEPUTY CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Appointed 1958;
 elected Chancellor 1961.

VICE-CHANCELLORS

THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide. Appointed 1874;
 elected Chancellor 1876.
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief
 Justice of South Australia. Appointed 1876; elected Chancellor 1883.
 THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.
 JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.
 WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,
 Judge of the Supreme Court. Appointed 1915; elected Chancellor 1916.
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected Chancellor
 1942.
 THE HONOURABLE SIR HERBERT ANGAS PARSONS, 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, 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.

TREASURER

THE HONOURABLE SIR HENRY AYERS, G.C.M.G., 1874-1886.
 The finances have since been managed by a Committee on a system prepared by the Treasurer.

CHAIRMEN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1894-1896.
 THE VICE-CHANCELLOR, 1897-1904.
 SAMUEL JOSHUA JACOBS, J.P., 1905-1912.
 SIR GEORGE BROOKMAN, K.B.E., 1913-1926.
 SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.
 SIR WILLIAM GEORGE TOOP GOODMAN, 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.

CHAIRMEN OF THE EDUCATION COMMITTEE

THE CHANCELLOR, 1883-1953.
 PROFESSOR ERIC AROHA RUDD, A.M. (Harvard), B.Sc., 1954-55.
 PROFESSOR PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.), 1956-57.
 PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A.,
 1958-1959.
 PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Camb.), 1960-1961.
 PROFESSOR HUGH NORWOOD ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P.,
 1962-1963.

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. (Edin.), 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, 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.) (Lond.), Ph.D. (Camb.), 1946-1949.

Mathematics and Physics:

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

Mathematics:

JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc., 1920-1944.
 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, 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 (Emeritus, 1962).
 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., 1919-1930.
 SIR CHARLES JAMES MARTIN, C.M.G., D.Sc. (Lond.), F.R.C.P., F.R.S., 1931-1933.
 SIR MARK LEDINGHAM MITCHELL, M.Sc. (Camb.); Lecturer, 1927-1937; Professor, 1938-1962 (Emeritus, 1962).
 ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., 1963.

Physiology:

SIR EDWARD CHARLES STIRLING, 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:

SIR CEDRIC STANTON HICKS, M.Sc. (N.Z.), Ph.D. (Camb.), M.D., F.R.I.C., 1926-1957 (Emeritus, 1958).

Bacteriology:

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

Agricultural Chemistry:

JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S., 1924-1955 (Emeritus, 1956).
ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., 1957-1962.

Agriculture:

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

Agronomy:

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

Entomology:

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

Engineering:

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

Civil Engineering:

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

Mining and Metallurgy:

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

Mining, Metallurgical and Chemical Engineering:

EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.), F.R.I.C., 1947-1962.

Law:

WALTER ROSS PHILLIPS, LL.B. (Camb.); Lecturer-in-Charge, 1883-1887.
FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.) (Lecturer-in-Charge, 1888-1889), 1890-1896.
JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.), 1897-1905.
WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin), 1906-1916.
COLEMAN PHILLIPSON, M.A., LL.D., Litt.D. (Manc.), 1920-1925.
ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.
RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-57.
NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (Lond.), 1958-1961.

Anatomy:

ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).
FREDERIC WOOD JONES, M.B., B.S., 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:

SIR 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:

DAVID GUTHRIE CATCHESIDE, M.A. (Camb.), D.Sc. (Lond.), F.R.S., 1952-1955.

Dental Science:

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

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

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

Surgery:

BENJAMIN POULTON, M.D.

Materia Medica and Therapeutics:

WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S.

Gynaecology:

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

Obstetrics:

ALFRED AUSTIN LENDON, M.D.

FORMER REGISTRARS

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

JOHN WALTER TYAS, 1882-1892.

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

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

Assistant Registrar, 1911; Registrar, 1924.

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

Registrar and Accountant, 1947-1950; Registrar, 1951-1954.

FORMER LIBRARIANS

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

WILLIAM ALBERT COWAN, M.A. (N.Z.), A.B.L.S. (Mich.), 1933-1964.

CLINICAL TEACHERS**Royal Adelaide Hospital****Hon. Physicians:**

J. M. BONNIN, M.D. (Adel.), F.R.C.P. (Lond.), F.R.A.C.P.

J. L. HAYWARD, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

W. M. IRWIN, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

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

PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P.

C. B. SANGSTER, O.B.E., M.D. (Adel.), F.R.C.P. (Lond.), F.R.A.C.P.

R. F. WEST, M.D. (Adel.), F.R.C.P. (Lond.), F.R.A.C.P.

Hon. Assistant Physicians:

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

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

D. J. DELLER, M.B., B.S. (Syd.), D.Phil. (Oxford), M.R.C.P. (Lond.), M.R.A.C.P.

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

H. R. GILMORE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

R. HECKER, M.D. (Adel.), D.T.M. and H. (Liv.), M.R.C.P. (Lond.), F.R.A.C.P.

R. E. BRITTON JONES, M.D. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.

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

Hon. Clinical Assistants in General Medicine:

P. E. BRUMMITT, M.B., B.S. (Adel.).

M. G. DAVEY, M.B., B.S. (Syd.).

CARLIEN L. FAHY, M.B., B.S. (Adel.).

A. E. GALE, M.B., B.S. (Adel.).

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

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

M. E. LINDON, M.B., B.S. (Adel.).

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

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

A. G. WANGEL, M.B., B.S. (Adel.).

J. C. YEATMAN, M.B., B.S. (Adel.).

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

Hon. Surgeons:

J. E. HUGHES, V.R.D., M.B., M.S. (Adel.), F.R.A.C.S.

PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S. (Eng.), F.R.A.C.S.

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

A. C. McEACHERN, M.B., M.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

L. J. T. PELLEW, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

A. G. CAMPBELL, D.S.O., V.R.D., M.B., M.S. (Adel.), F.R.C.S. (Eng.),

F.R.A.C.S.

M. K. SMITH, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.

Hon. Assistant Surgeons:

R. C. BENNETT, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.
 L. L. HOARE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 R. HUNTER, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 R. BRITTEN JONES, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 K. P. MCKENNA, M.B., B.S. (Adel.), F.R.A.C.S.
 B. F. VENNER, M.B., B.S. (Adel.), M.S. (Melb.), F.R.C.S. (Eng.), F.R.A.C.S.
 C. G. WILSON, M.B., B.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

Hon. Clinical Assistants in General Surgery:

J. R. BADGER, M.B., B.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 D. D. BEARD, M.B., B.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 D. S. KIDD, M.B., B.S. (Syd.), F.R.C.S. (Eng.), F.R.A.C.S.
 C. G. PAULL, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.
 E. A. D. RUSSELL, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 M. Y. SHEPPARD, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Orthopaedic Surgeons:

J. R. BARBOUR, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 N. P. WILSON, M.B., B.S. (Melb.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Assistant Orthopaedic Surgeons:

W. J. BETTS, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.A.C.S.
 G. A. JOSE, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Clinical Assistants in Orthopaedic Surgery:

B. L. CORNISH, M.B., B.S. (Adel.), F.R.C.S. (Edin. and Eng.), F.R.A.C.S.
 M. R. HONE, B.Sc., M.B., B.S. (Adel.), F.R.C.S. (Edin.).
 M. G. MAGUIRE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Orth.).
 D. C. PATERSON, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Urological Surgeon:

J. P. MADDERN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Clinical Assistant, Urological Clinic:

P. A. HARBINSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Thoracic Surgeon:

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

Hon. Relieving Thoracic Surgeon:

J. P. RICHARDSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Neurosurgeon:

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

Hon. Assistant Neurosurgeon:

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

Hon. Neurologist:

J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

Hon. Consulting Gynaecologist:

PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
 M.R.C.O.G.

Hon. Gynaecologists:

A. D. BYRNE, M.B., B.S. (Adel.), F.R.C.O.G. (Lond.).
 R. M. MACINTOSH, M.B.E., M.B., B.S. (Adel.), M.R.C.O.G. (Lond.), D.G.O.
 (Melb.), F.R.A.C.S.

Hon. Assistant Gynaecologists:

G. W. E. AITKEN, M.B., B.S. (Adel.), M.R.C.O.G.
 K. G. BALL, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Clinical Assistants in Gynaecology:

R. M. C. G. BEARD, M.B., B.S. (Adel.), F.R.C.S., F.R.C.S. (Edin.), F.R.A.C.S.,
 M.R.C.O.G.
 J. G. BUNDEY, M.B., B.S. (Adel.), M.R.C.O.G.
 LORNA R. DOW, M.B., B.S. (Adel.), M.R.C.O.G.
 HEATHER J. S. ROSS, M.B., B.S. (Syd.), M.R.C.O.G.

Hon. Ophthalmologists:

D. W. BRUMMITT, M.B., B.S. (Adel.), D.O. (Melb.).
 D. O. CROMPTON, M.B., B.S. (Adel.), D.O. (Melb.), F.R.A.C.S.
 M. C. MOORE, M.B., B.S. (Adel.), D.O. (Syd.).

Hon. Assistant Ophthalmologists:

H. A. HANDLEY, M.B., B.S. (Adel.), D.O. (Syd.).
 J. D. LISTER, M.B., B.S. (Adel.), D.O. (Syd.).
 J. H. SLADE, M.B., B.S. (Adel.), D.O. (R.C.P. and S.).

Hon. Clinical Assistants in Ophthalmology:

C. H. AKKERMANS, M.B., B.S. (Adel.), D.O. (Syd.).
 D. M. BRANSON, M.B., B.S. (Adel.), D.O. (Melb.).
 C. E. MOORE, M.B., B.S. (Adel.), F.R.C.S., D.O. (Lond.).
 J. B. MURCHLAND, M.B., B.S. (Adel.), D.O. (Melb.).
 R. J. PYNE, M.B., B.S. (Adel.), D.O. (Lond.).
 D. O. TONKIN, M.B., B.S. (Adel.), D.O. (R.C.P. and S.).

Hon. Ear, Nose and Throat Surgeons:

R. G. PLUMMER, M.B., B.S. (Adel.), F.R.A.C.S.
 R. N. REILLY, M.B., B.S. (Adel.), D.L.O. (Melb.), F.R.A.C.S.

Hon. Assistant Ear, Nose and Throat Surgeons:

R. E. CRISTWOOD, M.B., Ch.B. (Edin.), F.R.C.S. (Edin.), F.R.A.C.S.
 M. W. BROWN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S., D.L.O.
 (R.C.P. and S.).

Hon. Dermatologists:

F. G. T. TURNER, M.B., B.S. (Melb.), D.D.M. (Syd.).
 H. W. LINN, M.D. (Adel.), D.D.M. (Syd.).

Hon. Clinical Assistants in Dermatology:

R. W. L. CROSBY, M.B., B.S. (Adel.).
 A. H. FINGER, M.B., B.S. (Melb.), D.P.H. (Syd.).
 F. I. FLAHERTY, M.B., B.S. (Adel.).
 R. M. TIPPING, M.B., B.S. (Adel.), D.D.M. (Syd.).

Hon. Radiologist:

R. de G. BURNARD, M.B., B.S. (Adel.), F.C.R.A.

Hon. Assistant Radiologists:

M. D. BEGLEY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.D.R.
 (Melb.), M.C.R.A., M.R.A.C.P., F.F.R.
 H. JACOBS, M.B., Ch.B. (N.Z.), D.M.R.D. (R.C.P. and S.), M.C.R.A.
 W. G. NORMAN, M.B., B.S. (Adel.), D.D.R. (Melb.), M.C.R.A.
 L. V. PERRETT, M.B., B.S. (Adel.), M.C.R.A., F.F.R.
 R. J. S. WALKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.M.R.D. (Eng.), M.C.R.A.
 W. J. R. WYNESS, M.B., Ch.B. (Aberd.), D.M.R.D. (R.C.P. and S.), M.C.R.A.

Hon. Clinical Assistants in Radiology:

F. G. HARRISON, M.B., B.S. (Syd.), M.C.R.A., D.D.R. (Syd.).
 W. T. McCOY, M.B., B.S. (Adel.), M.C.R.A.

Hon. Radiotherapist:

B. S. HANSON, C.M.G., D.S.O., O.B.E., E.D., M.B., B.S. (Adel.), F.C.R.A.

Hon. Assistant Radiotherapist:

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

Hon. Clinical Assistant in Radiotherapy:

ROSEMARY B. BRINDAL, M.B., B.S. (Adel.), M.C.R.A.
 R. M. TIPPING, M.B., B.S. (Adel.), D.D.M. (Syd.).

Hon. Pathologist:

PROFESSOR J. S. ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford), F.R.A.C.P.,
 M.C.P.A.

Hon. Consulting Haematologist:

J. A. BONNIN, M.D. (Adel.), M.C.P.A., M.R.A.C.P.

Hon. Consulting Surgical Pathologist:

E. G. HARDY, M.B., Ch.B. (Leeds), D.T.M. and H. (R.C.P. and S.).

Hon. Assistant Pathologists:

J. M. DWYER, O.B.E., E.D., M.B., B.S. (Adel.), M.C.P.A.
 R. T. W. REID, M.D. (Adel.), M.C.P.A., M.R.A.C.P.

Hon. Clinical Assistants in Pathology:

P. R. HODGE, M.B., B.S. (Adel.), M.R.A.C.P., M.C.P.A.
 A. W. J. LYKKE, M.B., B.S. (Adel.).
 L. R. MATZ, M.B., B.S. (Adel.).
 K. D. MURRAY, M.B., B.S. (Syd.).

- Hon. Consulting Anatomist:
PROFESSOR A. A. ABBIE, M.D., D.Sc. (Syd.), Ph.D. (Lond.).
- Hon. Consulting Biochemist:
PROFESSOR SIR MARK MITCHELL, M.Sc. (Camb.).
- Hon. Consulting Microbiologist:
PROFESSOR D. ROWLEY, M.D., Ph.D. (Lond.).
- Hon. Consulting Physiologist:
PROFESSOR R. F. WHELAN, M.D., Ph.D., D.Sc. (Belf.).
- Hon. Consulting Bacteriologist:
K. F. ANDERSON, M.D. (Lond.), M.R.A.C.P., M.C.P.A.
- Hon. Allergist:
R. M. FORD, M.D. (Adel.), F.A.C.C.P.
- Hon. Clinical Assistant to Allergy Clinic:
P. P. BATEMAN, M.B., B.S. (Adel.).
- Hon. Clinical Cardiologists:
P. S. HETZEL, M.D. (Adel.), M.Sc. (Med.) (Minn.), M.R.C.P., M.R.A.C.P.
J. M. McPHIE, M.D. (Adel.), F.R.A.C.P.
- Hon. Clinical Assistants in Clinical Cardiology:
J. R. MARSHALL, M.B., B.Ch. (Belf.).
R. E. RUSSELL, M.B., B.S. (Adel.), M.R.A.C.P.
- Hon. Consultant to Pulmonary Function Unit:
R. C. ANGOVE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
- Hon. Consultant Serologist:
JUDITH A. R. HAY, M.B., B.S. (Syd.), D.C.H. (Lond.).
- Hon. Plastic Surgeon:
D. N. ROBINSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Clinical Assistant in Plastic Surgery:
R. A. RIEGER, M.B., B.S. (Adel.), F.R.C.S.
- Hon. Assistant Physician in Charge of Diabetic Clinic:
D. A. HICKS, M.B., B.S. (Adel.), M.R.A.C.P.
- Hon. Anaesthetists:
J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.F.A.R.A.C.S.
MARY T. BURNELL, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
J. H. STACE, M.B., B.S. (Adel.), D.A., F.F.A.R.A.C.S.
J. A. FERRIS, B.Sc., M.B., B.S. (Melb.), D.A., F.F.A.R.C.S., F.F.A.R.A.C.S.
- Hon. Assistant Anaesthetists:
H. J. ELLIS, M.B., B.S. (Adel.), D.A. (R.C.P. and S.), M.F.A.R.C.S.
R. G. WATERHOUSE, M.B., B.S. (Adel.), F.F.A.R.C.S.
M. J. C. MUIRHEAD, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
E. C. HALLETT, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
- Hon. Clinical Assistants in Anaesthesia:
G. DAVID, M.D. (Berl.), L.R.C.P. and S. (Edin.), L.R.F.P. and S. (Glas.).
D. P. FINNEGAN, B.D.S. (Lond.), M.R.C.S. (Eng.), M.R.C.P. (Lond.), L.D.S. (R.C.S.).
J. O. HANCOCK, M.B., B.S. (Adel.), D.A. (Lond.), F.F.A.R.A.C.S.
W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.), M.F.A.R.A.C.S.
A. R. LYALL, M.B., B.S. (Adel.).
H. E. W. LYONS, M.B., B.S. (Adel.), M.F.A.R.A.C.S.
R. J. SWEENEY, M.B., B.S. (Adel.), F.F.A.R.C.S., F.F.A.R.A.C.S.
T. H. ALLEN, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
B. D. DANIELS, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
R. E. STEELE, M.B., B.S. (Adel.), F.F.A.R.C.S..
- Medical Superintendent:
B. NICHOLSON, M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- Hon. Dental Surgeons:
PROFESSOR A. M. HORSNELL, F.D.S. (R.C.S.), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
M. J. BARRETT, M.D.S. (Adel.).
A. J. BLOOMFIELD, B.D.S. (Adel.).
H. V. CLARKE, B.D.S. (Adel.).
J. A. CRAN, B.D.Sc. (Q'sld.), D.D.Sc. (Adel.).
B. C. CRISP, M.D.S. (Adel.).
J. B. DAY, B.D.S. (Adel.).
H. B. FRAYNE, M.D.S. (Adel.).
K. J. ROBERTSON, M.D.S. (Adel.).
R. G. WILLOUGHBY, M.D.S. (Adel.), D.D.S. (Northwestern).

Hon. Assistant Dental Surgeons:

ELIZABETH A. FANNING, D.D.S. (N.Z.).
 F. R. HENNING, M.D.S., F.D.S. (R.C.S.).
 J. F. LAVIS, M.D.S. (Adel.).
 T. B. LINDSAY, M.D.S. (Adel.).
 J. D. MCKINNON, B.D.S. (Adel.).
 G. MILLHOUSE, B.D.S. (Adel.).
 K. R. MOORE, B.D.S. (Adel.).
 G. MOUNT, B.D.S. (Syd.).
 B. G. RADDEN, B.D.Sc. (W.A.), Ph.D. (Lond.), F.D.S. (R.C.S.).
 P. C. READE, B.D.S. (Adel.), F.D.S. (R.C.S.).
 R. H. WALLMAN, B.D.S. (Adel.), M.S.D. (Wash.).

Hon. Clinical Assistants in Dentistry:

G. I. BROWN, M.D.S. (Adel.).
 K. A. BROWN, B.D.S. (Adel.).
 T. BROWN, B.D.S. (Adel.).
 J. BLUM, B.D.S. (Adel.).
 J. F. BURROW, B.D.S. (Adel.).
 P. G. DELLOW, M.B., B.S., B.D.S. (Adel.).
 R. F. HARRINGTON, B.D.S. (Adel.).
 G. S. HEITHERSAY, B.D.S. (Adel.), F.D.S. (R.C.S.).
 J. KIRKWOOD, B.D.S. (Syd.), D.D.S. (Tor.), F.D.S. (R.C.S.).
 T. E. KRASSAY, B.D.S. (Adel.).
 R. J. MYHILL, B.D.S. (Adel.).
 J. A. REINERS, B.D.S. (Adel.).
 S. I. L. ROVEDA, B.D.Sc. (Q'sld.), D.D.S. (Dal.).
 C. M. SOMERVILLE, B.D.S. (Adel.).

Medical Officers, Night Clinics:

Female Clinic:

L. J. RICE, M.B., B.S. (Adel.), M.R.C.O.G.

Male Clinic:

J. M. DWYER, O.B.E., E.D., M.B., B.S. (Adel.), M.C.P.A.

Sterility Clinic (Female):

Hon. Gynaecologist:

F. E. WELCH, M.B., B.S. (Adel.), L.M. (Rotunda), D.G.O. (Trinity),
 D.Obst. (R.C.O.G.) (Lond.).

Hon. Clinical Assistant

MARY E. WALKER, B.Sc., M.B., Ch.B. (St.And.), M.R.C.O.G.

Hon. Psychiatrist:

W. A. CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.) (Temporary).

Hon. Clinical Assistants in Psychiatry:

L. A. LANGLEY, M.B., B.S. (Melb.), D.P.M. (Syd.).
 J. D. LITT, M.B., Ch.B. (Edin.).
 MARGARET J. B. PULSFORD, M.B., B.S. (Syd.).
 R. W. SMITH, M.B., B.S. (Adel.), D.P.M. (R.C.P. and S.).
 F. K. WESTON, B.A., M.B., B.S. (Adel.).

Hon. Psychologist:

PROFESSOR M. A. JEEVES, M.A., Ph.D. (Camb.).

Hon. Clinical Assistants in Psychology:

D. N. GIBBS, M.A. (N.Z.), Ph.D. (Lond.).

Hon. Medical Officer to the Paraplegic Unit:

J. R. BARBOUR, M.B., M.S. (Adel.), F.R.C.S., F.R.A.C.S.

Hon. Assistant Medical Officer to the Paraplegic Unit:

L. L. HOARE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Clinical Assistants to the Paraplegic Unit:

B. L. CORNISH, M.B., B.S. (Adel.), F.R.C.S., F.R.C.S. (Edin.), F.R.A.C.S.
 D. C. PATERSON, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

NORTHFIELD WARDS:

- Hon. Visiting Medical Officer, Infectious Diseases Section:
D. E. DUNN, M.B., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.
- Hon. Epidemiologist, Infectious Diseases Section:
G. H. McQUEEN, M.B., B.S. (Melb.), D.T.M. (Syd.), D.P.H. (Syd.)
- Hon. Consulting Paediatric Physicians, Infectious Diseases Section:
J. C. COVERTON, M.D. (Adel.), F.R.A.C.P.
T. H. BEARE, M.B., B.S. (Adel.), M.R.C.P. (Lond. and Edin.), M.R.A.C.P.
- Hon. Consulting Paediatric Surgeon, Infectious Diseases Section:
G. G. WYLLIE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Clinical Assistants, Infectious Diseases Section:
E. R. J. PAVILLARD, M.B., B.S. (Lond.).
I. J. FORBES, M.B., B.S. (Adel.), M.R.A.C.P.

THE QUEEN ELIZABETH HOSPITAL

- Hon. Physicians:
R. A. BURSTON, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.C.P. (Edin.),
F.R.A.C.P.
PROFESSOR B. S. HETZEL, M.D. (Adel.), F.R.A.C.P.
M. W. MILLER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P.
- Hon. Assistant Physicians:
R. S. COLTON, M.D. (Adel.), D.T.M. and H. (Syd.), M.R.A.C.P.
G. T. EY, M.B., B.S. (Adel.), M.R.A.C.P.
I. J. FORBES, M.D. (Adel.), M.R.A.C.P.
A. K. GRANT, M.B., B.S. (Adel.), F.R.A.C.P.
A. J. WATSON, M.B., B.S. (Adel.), M.R.C.P., M.R.A.C.P.
- Hon. Physician, Department of Physical Medicine:
A. W. BURNELL, M.B., B.S. (Adel.), D.Phys.Med. (R.C.P. and S.).
- Hon. Surgeons:
N. J. BONNIN, M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S. (Eng.), F.R.A.C.S.
J. R. MAGAREY, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Assistant Surgeons:
J. D. HARRIS, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
J. A. O'BRIEN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
L. J. OPIT, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.
W. D. PROUDMAN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Thoracic Surgeon:
J. H. BROWN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Relieving Thoracic Surgeon:
H. D'A. SUTHERLAND, M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Neurosurgeon:
D. A. SIMPSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Relieving Neurosurgeon:
T. A. R. DINNING, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Orthopaedic Surgeon:
R. G. WHITE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Clinical Assistant, Orthopaedic Department:
R. McK. GRAY, M.B., B.S. (Syd.), F.R.C.S. (Edin.).
- Hon. Oral Surgeon:
T. B. LINDSAY, M.B., B.S., M.D.S. (Adel.), F.I.C.D.
- Hon. Plastic Surgeon:
R. A. RIEGER, M.B., B.S. (Adel.), F.R.C.S.
- Hon. Gynaecologist:
PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
F.R.C.O.G.

Hon. Assistant Gynaecologists:

L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.
R. N. MUNDAY, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Clinical Assistants, Gynaecological Branch:

V. Y. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G.
J. S. SKIPPER, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Radiologist:

G. H. JONES, M.B., B.S. (Adel.), M.C.R.A., D.D.R. (Melb.).

Hon. Assistant Radiologists:

A. J. T. ARAM, M.B., B.S. (Melb.), M.C.R.A.
W. H. BENSON, M.B., B.S. (Adel.), M.C.R.A.

Hon. Clinical Assistant, Department of Radiology:

N. BALLAI, M.B., B.S. (Adel.), D.M.R.O. (Lond.).

Hon. Radiotherapist:

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

Hon. Assistant Radiotherapist:

N. D. M. HARVEY, M.B., Ch.B. (N.Z.), D.M.R. (T.).

Hon. Ophthalmologist:

A. A. TYE, M.B., B.S. (Melb.), D.O. (Lond.), F.R.A.C.S.

Hon. Assistant Ophthalmologist:

P. J. STOBIE, M.B., B.S. (Adel.), D.O. (Melb.).

Hon. Clinical Assistant, Ophthalmological Department:

W. G. GASTON, M.B., B.S. (Adel.), D.O. (Lond.).

Hon. Surgeon, Ear, Nose and Throat Department:

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

Hon. Assistant Surgeon, Ear, Nose and Throat Department:

K. T. JONES, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Hon. Cardiologist:

J. L. WADDY, M.B., B.S. (Adel.), M.R.A.C.P.

Hon. Dermatologist:

G. F. DONALD, M.B., B.S., D.D.M. (Syd.).

Hon. Assistant Dermatologist:

G. A. HUNTER, M.B., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.

Hon. Clinical Assistants, Department of Dermatology:

A. H. FINGER, M.B., B.S. (Melb.), D.P.H. (Syd.).
A. N. TURNER, M.B., B.S. (Adel.).

Hon. Serologist:

JUDITH HAY, M.B., B.S. (Syd.), D.C.H. (Lond.).

Hon. Associate Anaesthetist:

V. L. HAWKE, M.B., B.S. (Adel.).

Hon. Assistant Anaesthetists:

C. H. PRYOR, M.B., B.S. (Adel.), D.A., F.F.A.R.A.C.S.
B. W. DANIELS, M.B., B.S. (Adel.), F.F.A.R.A.C.S.

Hon. Clinical Assistants, Department of Anaesthesia:

H. J. EDELMAN, M.B., B.S. (Adel.).
R. J. NETTLE, M.B., B.S. (Adel.).

Hon. Rheumatologist:

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

Hon. Neurologist:

R. H. C. RISCHBIETH, M.B., B.S. (Adel.), M.R.C.P. (Edin. and Lond.), M.R.A.C.P.

Hon. Psychiatrist:

PROFESSOR W. A. CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.).
R. S. GILLEN, M.B., B.S. (Adel.), D.P.M. (R.C.P. and S.).

Honorary Clinical Assistant, Department of Psychiatry:

W. E. MICKLEBURGH, B.Sc., M.B., Ch.B. (Aberd.).

Hon. Obstetricians:

G. W. E. AITKEN, M.B., B.S. (Adel.), F.R.C.O.G.
 PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
 F.R.C.O.G.
 F. E. WELCH, M.B., B.S. (Adel.), L.M. (Rotunda), D.G.O. (Trinity), M.R.C.O.G.

Hon. Assistant Obstetricians:

R. M. C. G. BEARD, M.B., B.S. (Adel.), M.R.C.O.G.
 L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.
 HEATHER J. S. ROSS, M.B., B.S. (Syd.), M.R.C.O.G.
 R. N. MUNDAY, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Clinical Assistants, Obstetrical Department:

V. BOCKNER, M.R.C.S. (Eng.), R.L.C.P. (Lond.), M.R.C.O.G.
 E. P. CHERRY, M.B., B.S. (Adel.)
 A. R. MAGAREY, M.B., B.S. (Adel.), D.Obst. (R.C.O.G.)
 A. H. MAUCER, M.B., B.S. (Adel.)
 M. E. NANCARROW, M.B., B.S. (Adel.)
 D. W. J. PATCHING, M.B., B.S. (Adel.)
 F. W. RUSSELL, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.Obst. (R.C.O.G.)
 J. S. SKIPPER, M.B., B.S. (Adel.), M.R.C.O.G.
 A. R. WEETMAN, M.B., B.S. (Adel.)

Hon. Paediatricians:

PROFESSOR G. M. MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.)
 H. G. RISCHBIETH, M.B., B.S. (Adel.), M.R.A.C.P., D.C.H. (R.C.P. and S.),
 F.R.A.C.P.

Hon. Assistant Paediatricians:

T. H. BEARE, M.B., B.S. (Adel.), M.R.C.P., M.R.A.C.P.
 DILYS M. CRAVEN, B.Sc., M.B., B.Ch. (Wales), D.C.H. (R.C.P. and S.)
 G. M. KNEEBONE, M.B., B.S. (Adel.), M.R.A.C.P., M.Sc. (Pittsburgh)

Honorary Clinical Assistant, Department of Pathology:

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

Hon. Consulting Microbiologist:

PROFESSOR D. ROWLEY, M.D., Ph.D. (Lond.)
 PROFESSOR G. B. MACKANESS, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford),
 D.C.P. (Lond.)

Hon. Psychologist:

L. B. BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (Lond.)

ADELAIDE CHILDREN'S HOSPITAL

Professor of Child Health:

G. M. MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.)

Honorary Visiting Medical Officers

Physicians:

R. N. C. BICKFORD, M.B., B.S. (Adel.), M.R.C.P. (Lond.)
 R. G. CHAMPION de CRESPIGNY, O.B.E., M.B., B.S. (Melb.), F.R.A.C.P.
 J. S. GOVERTON, M.D. (Adel.), F.R.A.C.P.
 E. B. SIMS, M.D. (Adel.), F.R.A.C.P.

Assistant Physicians:

T. H. BEARE, M.B., B.S. (Adel.), M.R.C.P. (Lond. and Edin.), M.R.A.C.P.
 H. G. RISCHBIETH, V.R.D., M.B., B.S. (Adel.), F.R.A.C.P., D.C.H. (R.C.P.
 and S.)
 F. B. TURNER, M.B., B.S. (Adel.), M.R.A.C.P.
 J. G. WILSON, M.B., B.S. (Adel.), M.R.A.C.P.
 G. M. KNEEBONE, M.B., B.S. (Adel.), M.R.A.C.P., M.Sc. (Pittsburgh)

Clinical Assistants in Medical Outpatients:

R. BRUMMITT, M.B., B.S. (Adel.)
 D. L. CLARNETTE, M.B., B.S. (Adel.)
 H. M. DOUGLAS, M.B., B.S. (Adel.), M.R.A.C.P.
 R. M. HAINS, M.B., B.S. (Adel.)
 A. B. MARTIN, M.B., B.S. (Adel.)
 G. L. MELLOR, M.B., B.S. (Adel.)
 KATHLEEN MOTEN, M.B., B.S. (Adel.)
 A. PARHAM, M.B., B.S. (Adel.)
 J. D. REID, M.B., B.S. (Adel.)

Associate Physicians:

J. A. BONNIN, M.D. (Adel.), M.C.P.A., M.R.A.C.P. (Haematology).
 H. R. GILMORE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P. (Cardiology).
 J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P. (Neurology).
 PROFESSOR B. S. HETZEL, M.D. (Adel.), F.R.A.C.P. (Endocrinology).
 P. S. WOODRUFF, M.D. (Melb.), D.T.M. and H. (Syd.), M.R.A.C.P. (Tuberculosis).

Relieving Clinical Assistant in Neurology:

R. H. C. RISCHBIETH, M.B., B.S. (Adel.), M.R.C.P. (Lond. and Edin.), M.R.A.C.P.

Allergist:

R. MUNRO FORD, M.D. (Adel.), F.A.C.C.P.

Clinical Assistants in Allergic Diseases:

J. L. DUNSTONE, M.B., B.S. (Adel.).
 E. H. LEVY, L.R.C.P. and S. (Edin.), L.R.F.P.S. (Glas.).

Surgeons:

W. W. JOLLY, M.B., M.S. (Adel.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.R.A.C.S.
 D. G. McKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.
 G. H. SOLOMON, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Assistant Surgeons:

J. L. STEELE SCOTT, M.A., M.B., B.Ch. (Camb.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.R.C.S. (Edin.).
 G. W. VERC0, M.B., B.S. (Adel.), F.R.A.C.S.
 G. G. WYLLIE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Relieving Assistant Surgeon:

M. Y. SHEPPARD, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Clinical Assistant in Thoracic Surgery:

J. P. RICHARDSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Clinical Assistants in Cardiology:

P. S. HETZEL, M.D. (Adel.), M.Sc.(Med.) (Minn.), M.R.C.P. (Lond.), M.R.A.C.P.
 J. L. WADDY, M.B., B.S., B.Sc. (Adel.), M.R.A.C.P.

Orthopaedic Surgeon:

L. BONNIN, M.B., B.S. (Adel.), M.Ch. (Orth.) (Liv.), F.R.C.S. (Eng.), F.R.A.C.S.

Clinical Assistants in Orthopaedics:

R. G. WHITE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 M. G. MAGUIRE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Orth.).
 D. PATERSON, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Otorhinolaryngologists:

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

Assistant Otorhinolaryngologist:

D. G. MACKIE, M.B., B.S. (Adel.), D.L.O. (R.C.P. and S.)

Clinical Assistants in Otorhinolaryngology:

D. L. DAVIES, M.B., B.S. (Adel.).
 J. F. FRAYNE, M.B., B.S. (Adel.).
 R. L. GUERIN, M.B., B.S. (Adel.).

Ophthalmologists:

H. A. HANDLEY, M.B., B.S. (Adel.), D.O. (Syd.).
 P. J. STOBIE, M.B., B.S. (Adel.), D.O. (Melb.).

Assistant Ophthalmologists:

R. RENTON, M.B., Ch.B. (Edin.), D.O. (R.C.P. and S.).
 R. J. PYNE, M.B., B.S. (Adel.), D.O. (Lond.)

Relieving Ophthalmologist:

D. W. BRUMMITT, M.B., B.S. (Adel.), D.O. (Melb.).

Clinical Assistants in Ophthalmology:

F. LIPPAY, M.D., D.Jur. (Vienna), D.Sc. (Adel.), D.O. (R.C.P. and S.).
 J. B. MURCHLAND, M.B., B.S. (Adel.), D.O. (Melb.).
 C. H. AKKERMANS, M.B., B.S. (Adel.), D.O. (Syd.).

Relieving Clinical Assistant in Ophthalmology:

D. O. TONKIN, M.B., B.S. (Adel.), D.O. (R.C.P. and S.).

Surgeons to Special Departments:

- T. A. R. DINNING, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Neurosurgery).
 H. D. SUTHERLAND, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Thoracic Surgery).
 D. N. ROBINSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Plastic Surgery).

Associate Surgeons to Special Departments:

- W. J. BETTS, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.A.C.S. (Orthopaedic Surgery).
 J. H. BROWN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Thoracic Surgery).
 T. B. LINDSAY, M.B., B.S., M.D.S. (Adel.) (Oral Surgery).
 D. A. SIMPSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S. (Neurosurgery).

Clinical Assistant in Thoracic Surgery:

- J. P. RICHARDSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Clinical Assistant in Plastic Surgery:

- R. A. RIEGER, M.B., B.S. (Adel.), F.R.C.S.

Dermatologist:

- R. M. TIPPING, M.B., B.S. (Adel.), D.D.M. (Syd.).

Clinical Assistants in Dermatology:

- F. I. FLAHERTY, M.B., B.S. (Adel.).
 R. W. L. CROSBY, M.B., B.S. (Adel.).
 D. N. THORNTON, M.B., B.S. (Adel.).

Radiologist:

- P. W. VERCO, M.D. (Adel.), M.R.A.C.P., F.F.R., F.C.R.A.

Assistant Radiologist:

- R. J. S. WALKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.M.R.E. (R.C.P. and S.), M.C.R.A.

Radiotherapist:

- F. A. DIBDEN, M.B., B.S. (Adel.), M.C.R.A., D.T.R.

Clinical Assistants in Radiology:

- A. R. ROBERTSON, M.B., Ch.B. (Manc.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.C.R.A.
 M. J. STRACHAN, M.B., M.S. (Melb.), D.M.R.D. (R.C.P. and S.).

Psychiatrist:

- W. A. DIBDEN, M.B., B.S. (Adel.), D.P.M. (Melb.).

Anaesthetists:

- J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.F.A.R.A.C.S.
 MARY BURNELL, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
 W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.), M.F.A.R.A.C.S.

Assistant Anaesthetists:

- H. J. ELLIS, M.B., B.S. (Adel.), D.A. (R.C.P. and S.), M.F.A.R.A.C.S.
 E. C. HALLETT, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
 M. J. C. MUIRHEAD, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
 M. C. NEWLAND, M.B., B.S. (Adel.), D.A. (Melb.), F.F.A.R.A.C.S.
 R. E. STEELE, M.B., B.S. (Adel.), F.F.A.R.C.S.
 R. J. SWEENEY, M.B., B.S. (Adel.), F.F.A.R.C.S.
 R. G. WATERHOUSE, M.B., B.S. (Adel.), F.F.A.R.C.S.

Senior Dental Surgeon:

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

Dental Surgeons:

- J. B. DAY, B.D.S. (Adel.).
 I. R. DINGLE, B.D.S. (Adel.).
 K. R. MOORE, B.D.S. (Adel.).
 B. TIDSWELL, B.D.S. (Adel.).
 N. M. WALMSLEY, B.D.S. (Adel.).

Associate Dentist in Orthodontia:

- L. M. SMART, B.D.S. (Adel.), D. Ortho., R.C.S. (Eng.).

Honorary Consulting Microbiologists:

- PROFESSOR D. ROWLEY, M.D., Ph.D. (Lond.).
 PROFESSOR G. B. MACKANESS, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), D.C.P. (Lond.).

THE QUEEN VICTORIA MATERNITY HOSPITAL, INC.

Hon. Obstetricians:

V. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G.
 PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
 F.R.C.O.G.
 G. T. GIBSON, M.B., B.S. (Adel.), F.R.C.O.G.
 R. KENIHAN, M.B., B.S. (Adel.), M.R.C.O.G.
 R. M. MacINTOSH, M.B.E., M.B., B.S. (Adel.), D.G.O. (Melb.), M.R.C.O.G.,
 F.R.A.C.S.
 L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.
 R. A. THATCHER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), L.D.S., M.R.C.O.G.,

Hon. Assistant Obstetricians:

K. G. BALL, M.B., B.S. (Adel.), M.R.C.O.G.
 MARGARET SMITH, M.B., B.S. (Adel.), M.R.C.O.G.
 L. J. RICE, M.B., B.S. (Adel.), M.R.C.O.G.
 MARY E. WALKER, B.Sc., M.B., Ch.B. (St. And.), M.R.C.O.G.
 R. S. WURM, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Relieving Assistant Obstetrician:

I. H. F. SWAIN, M.B., B.S. (Adel.), M.M.S.A., M.R.C.O.G.

Hon. Consulting Physician:

PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P.

Hon. Physician:

R. S. COLTON, M.D. (Adel.), M.R.A.C.P., D.T.M. and H. (Syd.).

Hon. Assistant Physicians:

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

Hon. Paediatricians:

PROFESSOR G. M. MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.).
 E. B. SIMS, M.D. (Adel.), F.R.A.C.P.

Hon. Assistant Paediatricians:

J. S. COVERNTON, M.D. (Adel.), F.R.A.C.P.
 H. M. DOUGLAS, M.B., B.S. (Adel.).

Hon. Consulting Paediatric Surgeon:

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

Honorary Consulting Surgeons:

PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S. (Eng.),
 F.R.A.C.S.
 J. R. MAGAREY, M.B., M.S. (Adel.), F.R.C.S., F.R.A.C.S.

Honorary Consulting Assistant Surgeon:

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

Honorary Consulting Orthopaedic Surgeon:

W. J. BETTS, M.B., B.S. (Adel.), M.Ch.Ortho. (Liv.), F.R.A.C.S.

Honorary Consulting Thoracic Surgeon:

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

Honorary Consulting Pathologist:

SIR JOHN CLELAND, Professor Emeritus, C.B.E., M.D., Ch.M. (Syd.), F.R.A.C.P.

Honorary Pathologist:

I. ROBERTSON, M.B., Ch.B. (Cape Town).

Honorary Consulting Anatomist:

A. D. PACKER, M.Sc., M.D., (Adel.).

Honorary Consulting Ophthalmologist:

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

Hon. Radiologist:

P. W. VERCO, M.D. (Adel.), M.R.A.C.P., F.C.R.A., F.F.R.

Honorary Consulting Psychiatrist:

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

Honorary Consulting Dermatologist:

G. F. DONALD, M.B., B.S. (Syd.), D.D.M.

Honorary Visiting Bacteriologist:

PROFESSOR D. ROWLEY, M.D., Ph.D. (Lond.).

Honorary Consulting Bacteriologist:

PROFESSOR G. B. MACKANESS, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), D.C.P. (Lond.).

K. F. ANDERSON, M.D. (Lond.), M.R.A.C.P.

Honorary Consulting Haematologist:

R. N. IBBOTSON, M.D. (Adel.).

Honorary Consulting Otorhinolaryngologist:

K. JONES, M.B., B.S. (Adel.), F.R.C.S.

Honorary Consulting Dental Surgeon:

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

Hon. Clinical Assistants to Obstetrical Staff:

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

W. M. S. BOYD, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.Obst. (R.C.O.G.).

F. X. BENCINI, Ph.C., M.D. (Malta), M.R.C.O.G.

J. C. BUNDEY, M.B., B.S. (Adel.), M.R.C.O.G.

L. R. GOLDSWORTHY, M.B., B.S. (Adel.).

RUTH DOW, M.B., B.S. (Adel.), M.R.C.O.G.

JUDITH M. HOLBROOK, M.B., B.S. (Lond.).

J. D. LESOUEF, M.B., B.S. (Adel.), L.M. (Rotunda), D.G.O. (Trinity) D.Obst. (R.C.O.G.).

H. R. H. N. OATEN, M.B., B.S. (Adel.), D.Obst. (R.C.O.G.).

F. S. RIDDELL, M.B., B.S. (Adel.).

I. H. F. SWAIN, M.B., B.S. (Syd.), M.M.S.A., M.R.C.O.G.

H. W. WELCH, M.B., B.S. (Adel.).

D. C. WIGHTON, M.B., B.S. (Adel.).

Honorary Senior Registrar:

R. N. MUNDAY, M.B., B.S. (Adel.), M.R.C.O.G.

Medical Superintendent:

I. K. FURLER, M.B., B.S. (Adel.), M.R.C.O.G.

PARKSIDE MENTAL HOSPITAL**Director of Mental Health and Superintendent of Mental Institutions:**

W. A. CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.).

Superintendent:

L. C. HOFF, M.B., B.S. (Adel.), D.P.M. (R.C.P. and S.).

Medical Officers:

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

D. H. DRACUP, L.M.S.S.A. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.P. (Edin.).

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

K. HALWAX, M.B., B.S. (Adel.).

W. E. MICKLEBURGH, B.Sc., M.B., Ch.B. (Aberd.).

L. POTTS, M.B., B.S. (Adel.).

J. C. MAY, M.B., B.S. (Adel.).

S. H. LORBEER, M.B., B.S. (Adel.).

K. JAGERMANN, M.B., B.S. (Adel.).

D. G. STANBURY, M.B., B.S. (Adel.).

P. L. MILLHOUSE, M.B., B.S. (Adel.).

Visiting Gynaecologist:

A. D. BYRNE, M.B., B.S. (Adel.), M.R.C.O.G.

Visiting Dermatologist:

H. W. LINN, M.D. (Adel.), D.D.M. (Syd.).

Visiting Ophthalmologist:

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

Visiting Surgeon:

B. F. VENNERS, M.B., B.S. (Adel.), M.S. (Melb.), F.R.C.S. (Eng.), F.R.A.C.S.

Visiting Orthopaedic Surgeon:

B. L. CORNISH, M.B., B.S. (Adel.).

Visiting Neurologist:

J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

Visiting Physician:

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

Visiting Refractionist:

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

Visiting Paediatrician:

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

EASTWOOD TERRACE PSYCHIATRIC CLINIC

N. C. C. KENT, M.B., Ch.B. (N.Z.), Ph.D. (Camb.).

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

TUBERCULOSIS SERVICES

Adelaide Chest Clinic

Director of Tuberculosis Services:

T. G. PAXTON, M.D. (Lond.), M.R.C.P. (Lond.).

Physicians:

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

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

Clinical Assistants:

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

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

P. E. RICHTER, M.B., B.S. (Durh.).

Medical Officer:

JOY A. SEEVARATNAM, M.B., B.S. (Adel.).

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.A.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 Superintendent, Morris Hospital:

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

Laryngologist:

R. N. REILLY, M.B., B.S. (Adel.), D.L.O. (Melb.), F.R.A.C.S.

General Surgeon:

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

Thoracic Surgeon:

H. D'A. 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.

REPRESENTATIVES OF THE UNIVERSITY

- On the Council of the Institute of Medical and Veterinary Science:**
ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S.
PROFESSOR JAMES STRUAN ROBERTSON, M.B., B.S., D.Phil., F.R.A.C.P.,
M.C.P.A.
- On the Medical Board of South Australia:**
SIR IVAN BEDE JOSE, M.C., M.B., M.S., F.R.C.S.
- On the Advisory Committee of the University Council and of the Royal Adelaide Hospital Board:**
PROFESSOR RICHARD POMFRET JEPSON, B.Sc., M.B., Ch.B., F.R.C.S.
JAMES ALEXANDER CRAN, D.D.Sc.
KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P.
- On the Advisory Committee of the University Council and the Queen Elizabeth Hospital Board:**
SIR IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
PROFESSOR HUGH NORWOOD ROBSON, M.B., Ch.B., F.R.C.P.E., F.R.A.C.P.
- 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.,
F.R.C.O.G.
SIR IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
- On the Australian Advisory Council of Bibliographical Services:**
EOIN HOWITT WILKINSON, M.A.
- On the Australian Commonwealth Engineering Standards Association:**
PROFESSOR SIR KERR GRANT, 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 Clean Air Committee:**
PROFESSOR J. H. CARVER, M.Sc., Ph.D.
- On the Council of St Ann's College:**
LAURA MADELINE ANGEL, M.Sc.
PROFESSOR GRAHAM HENRY LAWTON, M.A., B.Ed.
- On the Council of Lincoln College:**
VICTOR ALLEN EDGELOE, B.A.
PROFESSOR B. S. HETZEL, M.D., F.R.A.C.P.
- On the Fauna and Flora Board:**
PROFESSOR ANDREW ARTHUR ABBIE, M.D., D.Sc., Ph.D., F.R.A.C.P.
PROFESSOR SIR 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, M.Sc., Ph.D.
- On the Union Council:**
JEAN GILMORE, LL.B.
PROFESSOR PETER HENRY KARMEL, B.A., Ph.D.
- On the General Committee of the University Sports Association:**
PROFESSOR ERIC AROHA RUDD, B.Sc., A.M.
JAMES MELVILLE, M.Sc., Ph.D.
- 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, M.B.E.
- 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, D.Sc.
- On the Aboriginal Affairs Board:**
PROFESSOR ANDREW ARTHUR ABBIE, M.D., D.Sc., Ph.D., F.R.A.C.P.

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 } in support of a chair in Music.
- 1884-9: Private Subscriptions—£1,150 }
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 } to found a lectureship in Ophthalmic Surgery
- 1916: Public Subscriptions—£325 } in memory of Dr. Chas. Gosse.
- 1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.
- 1890: W. Everard—£1,000 to found a scholarship in Medicine.
- 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—£53,000 (approx.) 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—£29,000 (approx.) 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—£51,000 (approx.) 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—£36,000 (approx.) for pastoral research.
- 1942: The Hon. Sir George Murray—£86,000 (approx.) 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—£3,041 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.
- 1956: *Pine Kloof*, subsequently sold for £4,631, for the cultural and recreational benefit of students.
- 1956: Dr. A. J. Schulz—£4,500 for prizes and awards in Education and German.
- 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—£4,705 for the purposes of the Anti-Cancer Committee.
- 1959: S. McGregor Reid—£23,747 for cancer research.
- 1959: Mrs. S. McGregor Reid—£66,926 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.
- 1961: Bertha Sudholz—£2,000 for scholarships as the Council may determine.
- 1961: Sir William Goodman—£4,000 to found a scholarship in Electrical Engineering.
- 1961: E. Mills—£1,183 for the purposes of the Anti-Cancer Committee.
- 1961: Mrs. I. Young—£2,249 for the purposes of the Anti-Cancer Committee.
- 1962: Mrs. Dora Holdsworth—£35,000 (estimate) for medical research.
- 1962: Sir Tom Barr Smith—£10,500 to establish the Lady Barr Smith Memorial Fund for cancer research.
- 1963: H. J. Wilkinson—£2,600 to endow a prize in Anatomy.

+ Capital
of
annuity
fund
(J. 151/53)

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: 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.
 1958-63: An anonymous benefactor—£85,000 for the Medical School.
 1959: An anonymous gift of £5,000 for the support of animal research.

1963: M.F. Sims

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) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (9) The French Government: 470 volumes selected by the Lecturer in French.

- (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (14) Lord 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.
- (21) Sir Henry Newland—a collection of rare books.
- (22) Miss L. K. Symon—2,500 volumes including limited editions, association copies, publications of private presses and other rare books.
- (23) Sir Mark Mitchell—the philosophy library of Sir William Mitchell.
- (24) The Italian Government—a valuable collection of about 150 volumes.

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

GIFTS OF £1,000 OR MORE, 1955-60

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

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	£102,794	0	0			
Gifts in 1949	-	-	£1,458	0	0	Gifts in 1951-63	-	5,539	0	0		

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL
OF ARCHITECTURE, 1955-61

Architects Board of						S.A. Institute of Archi-						
S.A.	-	-	£1,750	0	0	tects	-	-	1,000	0	0	
Woods, Bagot, Lay-									7,000	0	0	
bourne-Smith and												
Irwin	-	-	-	1,250	0	0	Other donations of vary-					
F. Kenneth Milne,						ing amounts under						
Dawkins, Boehm and						£1,000	-	-	£15,056	12	0	
Ellis	-	-	-	1,000	0	0						
Hassell and McConnell				1,000	0	0						
Harris, Scarfe and Co.												
Ltd.	-	-	-	1,000	0	0	Total	£22,056	12	0		

DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR
OF MICROBIOLOGY, 1958-63.

South Australian Asso-						Other gifts, totalling	-	5,956	11	4
ciated Brewers	-	£3,000	0	0	Total donations as at					
Advertiser Newspapers					31/12/63	-	£11,206	11	4	
Ltd.	-	-	-	1,250	0	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 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

STATUTES

CONTENTS

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

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

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 (at the Royal Adelaide Hospital)
- (32) Physical 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
- (49) Medicine (at the Queen Elizabeth Hospital)
- (50) History (second chair)
- (51) English (second chair)
- (52) Economics (second chair)
- (53) Experimental Physics
- (54) Inorganic Chemistry
- (55) Animal Physiology
- (56) Plant Pathology
- (57) Plant Physiology
- (58) Materials Science
- (59) Dentistry (second chair)

(b) In establishing Chairs in Organic Chemistry and in Inorganic Chemistry the Council attached the title of Angas Professor to Professor D. O. Jordan, occupant of the Chair of Physical Chemistry.

(c) The Council has changed the titles of certain Chairs as follows: Agronomy to Agriculture, Bacteriology to Microbiology, Mining, Metallurgical and Chemical Engineering to Chemical Engineering.

(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) The Council has named the Chair of Medicine at the Royal Adelaide Hospital The Mortlock Chair of Medicine.

(f) Following endowment of the first Chair of Economics by the late George Gollin the Council has named the occupant The George Gollin Professor of Economics.

(g) Following the bequest of about £90,000 by the late Mr. and Mrs. S. McGregor Reid, the Council named the Chair of Child Health The McGregor Reid Chair.

(h) In 1962 the Council established Chairs, each personal to the occupant, in International Law, Microbiology and Parasitology.

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 twentieth 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-second 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 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.

‡ A student who elects to pay fees for tuition on a terminal basis but whose fees are not paid before the end of the first fortnight of the respective term shall incur such additional fee as may be prescribed by the Council, unless an extension of time has been approved in advance by the Registrar.

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

‡ Allowed 17th December, 1959.

* Allowed 17th January, 1952.

‡ Allowed 4th April, 1963.

Allowed 10th January, 1946.

NOTE: The additional fee prescribed by the Council under Clause 6 is £1 for each week or part of week that payment is overdue.

Chapter IX.—Of Matriculation.

[NOTE: This Statute will come into force from April 1, 1966. Until March 31, 1966, the Statute on Pages 122-125 will be operative.]

I. GENERAL

1. A candidate for the degree of Bachelor shall become a Matriculated Student at least nine academic terms before he may be admitted to the degree.

2. Except as provided for in Clause 3 hereof, to become a Matriculated Student a candidate shall

- (a) have attained the age of seventeen years;
- (b) have satisfied the educational requirements specified below;
- (c) pay the matriculation fee prescribed by the Council;* and

* The fee prescribed by the Council is £3/3/-.

- (d) in the presence of the Registrar or other duly appointed person, sign 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 age of seventeen years."

3. In exceptional circumstances and on the recommendation of the Matriculation Board, the Council may admit to matriculation a candidate who has fulfilled the educational requirements specified below and has attained, or will have attained on or before the fifteenth day of March in the year in which he wishes to enter upon his course of study in the University, the age of sixteen years. For a candidate so admitted the declaration relating to age in the Students' Roll shall be appropriately altered.

II. THE MATRICULATION EXAMINATION

4. An Annual Matriculation Examination shall be held towards the end of the calendar year and a Supplementary Matriculation Examination in the following February. The examination shall be designed, in general scope and standard, for candidates who have completed five years of academic secondary education (following seven years of primary education) in South Australia.

5. No clause.

6. (a) The subjects available at the Matriculation Examination shall be:

Group A: English.

Group B: Ancient History, Modern History, Geography, Greek, Latin, French, German, Italian, Russian and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.

Group C: Mathematics I, Mathematics II, Greek, Latin, French, German, Italian, Russian, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.

Group D: Mathematics I, Mathematics II, Physics, Chemistry, Biology.

Group E: Economics, Geology, Music.

(b) The Matriculation Examination in Music in any year shall be the prescribed Public Examination in Music held in the same calendar year.

(c) Candidates' results in each subject shall be classified (not necessarily for publication) in the following grades:

Passing grades: A, B, C and D.

Failing grades: E, F and G.

III. EDUCATIONAL REQUIREMENTS FOR MATRICULATION

7. (a) To fulfil the educational requirements for matriculation a candidate shall, subject to the provisions of Clauses 8, 9, 10 and 11 hereof:

- (i) pass at one Annual Examination in at least five subjects;
- (ii) *either* pass in English *or* satisfy the examiners in English of his ability to use the English language as an instrument of expression; and
- (iii) pass in at least one subject from each of Groups B, C and D.

The qualification in English obtained by a candidate who has satisfied the examiners in English of his ability to use the language as an instrument of expression shall be designated EgQ, and shall not count as a subject.

(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.

8. For the purpose of complying with Clause 7 hereof:

- (a) no subject shall be counted twice;
- (b) Ancient History and Modern History shall not both be counted;
- (c) not more than two languages other than English shall be counted;
- (d) Mathematics I and Mathematics II shall not be counted in separate groups.

9. (a) A candidate who at an Annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of Clauses 7 and 8 hereof and passes in four or more subjects may present himself at any subsequent Matriculation Examination or Examinations, Annual or Supplementary, for such subject or subjects as may be necessary to complete the requirements for matriculation.

(b) A candidate who at an Annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of Clauses 7 and 8 hereof, passes at grade C or higher in each of three subjects and obtains grade E in each of two other subjects may present himself at the following Supplementary Matriculation Examination for such subjects as may be necessary to complete the requirements for matriculation. If he does not complete the requirements for matriculation at such Supplementary Examination he shall lose credit for those subjects in which he has passed and shall not be credited with a pass in any subject for the purpose of matriculation.

10. The qualification designated EgQ will be awarded only if it will complete a candidate's educational requirements for matriculation. It may be awarded on a candidate's performance at either an Annual or, subject to the provisions of Clause 11 hereof, a Supplementary Matriculation Examination.

IV. ADMISSION TO SUPPLEMENTARY EXAMINATION

11. A candidate may present himself for a subject or subjects at a Supplementary Matriculation Examination only if—

- (a) by passing in the subject or subjects concerned he may under Clause 9 hereof qualify for matriculation; or
- (b) he has been prevented by illness (which shall be certified to the satisfaction of the University) from sitting for the subject or subjects concerned at the preceding Annual Matriculation Examination; or
- (c) a pass in the subject or subjects concerned is pre-requisite for admission to a course or subject in the University for which he intends to enrol in that year as a Matriculated Student; or
- (d) he is granted, on grounds approved by the Council, special permission to do so.

V. FEES

12. No clause.

VI. THE MATRICULATION BOARD

13. There shall be a Matriculation Board consisting of the Vice-Chancellor, the Chairman of the Education Committee, and the Deans of the Faculties.

14. The Board shall advise the Council on all applications under this Statute for status, for Provisional Matriculation, and for Adult Matriculation and on such other matters as the Council may refer to it.

VII. PROVISIONAL MATRICULATION

15. On the recommendation of the Matriculation Board, and on such conditions as may be determined in each case, a candidate who has attained the age of seventeen years but has not completely fulfilled the educational requirements for matriculation specified in Clauses 7 and 8 hereof may be admitted to provisional matriculation for a specified period. Only in exceptional circumstances may such provisional matriculation be renewed, on the expiration of the specified period, for a further specified period.

16. (a) A candidate admitted to provisional matriculation shall comply with sections (c) and (d) of Clause 2 hereof and shall be deemed during the period of provisional matriculation to be a Matriculated Student of the University; and his fulfilling the conditions prescribed within the period or periods specified shall *ipso facto* confirm his status as a Matriculated Student from the date of his signing the Students' Roll.

(b) If a candidate admitted to provisional matriculation fails to comply with the conditions prescribed within the period or periods 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-matriculated student under Chapter XXIV of the University Statutes.

VIII. ADULT MATRICULATION

17. On the recommendation of the Matriculation Board the Council may make such modifications in the provisions of this Statute as it deems fit for a person who has attained the age of twenty-one years or who for a continuous period of at least thirty-three months has ceased to undergo full-time secondary education. The modifications (if any) to be made and the conditions to be fulfilled shall be determined in each case.

IX. MISCELLANEOUS

18. A matriculated student of another University or a candidate who has passed equivalent examinations recognised as such by the Council shall on the recommendation of the Matriculation Board be granted such status under this Statute as may be determined in each case.

19. A person accepted by the University as a candidate for a degree of Master or Doctor (other than a degree *ad eundem gradum*) who is not a graduate of the University shall comply with sections (c) and (d) of Clause 2 hereof before beginning his course of study for the degree.

20. 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.

21. The Council, having regard to the accommodation and facilities available for teaching, may impose a limit upon the number of students to be admitted in any year to any class or course of study in any Faculty or Board of Studies. If the number of students seeking admission to any such class or course is greater than the limit fixed by the Council, the students to be admitted to the class or course in that year shall be selected by such method as the Council shall from time to time determine.

22. A candidate who on or before March 31, 1966, had partially fulfilled the educational requirements for matriculation under the Statute hereby repealed may complete his qualifications for matriculation by passing on or before March 31, 1968, at any Annual or Supplementary Matriculation Examination or Examinations, in such additional subject or subjects as are available at the Matriculation Examination and would have qualified him for matriculation under the Statute hereby repealed.

Allowed 4th April, 1963.

NOTES (WHICH DO NOT FORM PART OF THE STATUTE).

1. *The qualification EgQ*: An EgQ will be awarded to a candidate who, having otherwise fulfilled the educational requirements for matriculation, has satisfied the examiners in English of his ability to use the English language as an instrument of expression. In deciding whether a candidate qualifies for EgQ, the examiners may take into consideration the quality of expression and comprehension (*not* knowledge of literature) in Paper II (Study

- of Texts) as well as Paper I (Composition and English usage; reading and comprehension).
2. *Music*: The Public Examination in Music prescribed under Clause 6(b) is Grade 7 Theory at the examinations of the Australian Music Examinations Board held in the same calendar year as the Annual Matriculation Examination taken by the candidate.
 3. *Geography as a Group B subject*: Candidates intending to enrol in the University for Science, Agricultural Science, Engineering, Medicine, Dentistry, Technology, Pharmacy or Physiotherapy are advised not to choose Geography as their *sole* subject from Group B.
 4. *Grades of pass and failure*: Results in individual subjects at the Matriculation Examination will be classified in seven grades, the norm for the classifications being as follows on a minimum pass-line of 50%:
 - A = 75% and over
 - B = 65% - 74%
 - C = 55% - 64%
 - D = 50% - 54%
 - E = 45% - 49%
 - F = 35% - 44%
 - G = 34% and below.

The following Statute will be operative until March 31, 1966:

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.

* Amended 16th March, 1961.

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.

(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.

* Amended 17th December, 1959.

*^(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.

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 Mathe-

* Amended 17th December, 1959.

matics 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.

Chapter X.—Of the Faculties

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

* Allowed 12th December, 1963.

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

† Allowed 16 March, 1961.

* Allowed 4th October, 1962, and amended 12th December, 1963.

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, Child Health and Mental Health and all Professors, Readers and Senior Lecturers in those Departments who are engaged in the teaching of medical students; the Reader in Medicine and the Humanities; the part-time lecturers in the Departments of Medicine and Surgery; the part-time lecturers in 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) Such other persons, not exceeding three 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.

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

* NOTE: From January 1, 1963, the Department of Mining, Metallurgical and Chemical Engineering was converted into a Department of Chemical Engineering.

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 lecturers 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.

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

* Amended 28th July, 1959.

† In 1959 the name of the Department was changed from Bacteriology to Microbiology.

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^o 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 and Applied Science 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; the President of the Pharmaceutical Society of South Australia, and the President of the Pharmacy Board of South Australia.
- (b) *Appointed members*: (i) Twelve members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) twelve members appointed by the Council of the South Australian Institute of Technology.

†(2) Any member of the Faculty, whether *ex officio* or appointed, may nominate a deputy to serve in his stead on any or every occasion as he shall decide.

†(3) The Faculty shall elect annually a Dean in accordance with the provision of Clause 15, and shall also elect annually an Associate Dean. If the Dean be a member from the South Australian Institute of Technology the Associate Dean shall be elected from amongst the Univer-

** Allowed 12th December, 1963.

† Allowed 4th April, 1963.

* This Department is now known as the Department of Commerce.

sity members of the Faculty; and *vice versa*. Notwithstanding the provision of Clause 18, if the Dean be absent from a meeting but the Associate Dean be present, the Associate Dean shall preside; if both the Dean and the Associate Dean be absent the provision of Clause 18 shall operate.

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 six 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.

† Allowed 4th April, 1963.

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

* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

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.

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.

† Allowed 18th October, 1956.

° Amended 22nd January, 1953.

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

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

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

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

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

Allowed 2nd December, 1926.

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

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

A. The Angas Engineering Scholarship.

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

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

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

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

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

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

‡ Allowed 30th November, 1933.

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.

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

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

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

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

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

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

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

* Allowed 25th August, 1955.

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 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 3rd January, 1935.
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 XVIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

1. A bursary, to be called The Archibald Mackie Bursary, shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

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

This statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or

- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- °(f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

° Allowed 2nd December, 1926.

Allowed 3rd January, 1907.

Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonials of the University, graduates and undergraduates shall appear in academic dress.

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

3. The academic dress for graduates shall be:—

GOWNS.

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

HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.
- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.

- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:—
- (i) Law—Sky Blue (Plate XX).
 - (ii) Medicine—Eosine Pink (Plate I).
 - (iii) Surgery—Eosine Pink (Plate I).
 - (iv) Dental Surgery—Salmon Colour (Plate XIV).
 - (v) Arts—Pale Violet Gray (Plate LII).
 - (vi) Science—Primuline Yellow (Plate XVI).
 - (vii) Agricultural Science—Orange Chrome (Plate II).
 - (viii) Engineering—Purple (True) (Plate XI).
 - (ix) Music—Cendre Green (Plate VI).
 - (x) Economics—Helvetia Blue (Plate IX).
 - *(xi) For the degree of Bachelor of Medical Science—Carmine (Plate I).
 - †(xii) Technology—Spectrum Violet (Plate X).
 - ‡(xiii) Architecture and Town Planning—Variscite Green (Plate XIX).
 - §(xiv) For the degree of Bachelor of Applied Science—Aconite Violet (Plate XXXVI).

* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

§ Allowed 4th October, 1962.

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-matriculated Students.

1. A non-matriculated student is a student who has not fulfilled the requirements of the Statute governing matriculation in the University but who is permitted to enrol in the University under Clause 2 hereof.

2. A non-matriculated student may enrol for a subject or course of study in the University only if—

- (a) he enrolls in the Elder Conservatorium of Music in accordance with the Regulations and rules relating to the Conservatorium;
or
- (b) he has fulfilled the requirements prescribed for admission to a course leading to a diploma; or
- (c) he is granted special permission under this Statute.

3. A person who has not satisfied the requirements for matriculation but wishes to enter upon a course of study, whether leading to a degree or a diploma, for which matriculation is a pre-requisite may apply for provisional matriculation in accordance with the Statute governing Matriculation; and a person who has not satisfied the requirements for entrance upon a diploma course for which matriculation is not a pre-requisite but wishes to enter upon the course of study leading to that diploma may apply for provisional admission. Provisional matriculation or admission shall be granted only with the approval of the Matriculation Board constituted under the Statute governing Matriculation: and any such person refused matriculation or admission shall upon such refusal become subject to Clause 2 hereof.

4. Applications for enrolment as a Non-matriculated Student under section (c) of Clause 2 hereof shall be made in writing to the Registrar, setting out the grounds on which such enrolment is sought.

5. A Non-matriculated Student shall:

- (a) sign the Students' Roll and the declaration contained therein;
- (b) pay the same fee on signing the Students' Roll as is required of a matriculated student;*
- (c) pay the same tuition and general service fees as a Matriculated Student enrolling for the same subjects of study; and
- (d) be subject to the same Statutes, Regulations and Rules regulating attendance at classes, performance of work, discipline, conduct and progress as a Matriculated Student.

* The fee prescribed by the Council is £3/3/-.

6. On fulfilling the conditions of attendance and performance of work required of other students in the same class a Non-matriculated Student may present himself for examination, but a Non-matriculated Student enrolled under section (c) of Clause 2 hereof shall not be eligible for the award of any scholarship or prize awarded by the University on the results obtained by candidates at that examination.

7. No subject passed by a Non-matriculated Student shall later be counted towards a degree unless the examination be passed again after he has become a Matriculated Student: provided that

- (a) a candidate who has qualified for a diploma of the University may count towards a degree such subject or subjects of his diploma course as the Council on the recommendation of the Faculty concerned may determine;
- (b) subject to any provision made elsewhere in the Statutes and Regulations of the University, when the number of subjects counted towards a degree under the provision of (a) of this clause exceeds four the candidate shall surrender the diploma before being admitted to the degree;
- (c) in special circumstances the Council may, on the recommendation of the Matriculation Board, make such exceptions to the provisions of this Clause as it may deem proper.

Allowed 4th April, 1963.

Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

‡1A. (1) Notwithstanding anything contained in any Statute or Regulation of the University, or in any rules made by the Council, the following provisions shall apply to any moneys held by the University by way of endowment of any scholarship, studentship, exhibition, prize, lectureship or the like.

(2) All or any of the funds, so held as aforesaid, may be amalgamated for the purposes of investment, and held in a common fund, and the net income earned by the common fund shall be credited, ratably, to the funds so amalgamated: Provided that any fractional part of the income of the common fund, which cannot conveniently be distributed in the year in which it is earned, may, by direction of the Council, be carried to a suspense account, and held in reserve or applied to the equalization of income, as the Council may from time to time determine.

(3) If the whole of the income earned by or credited to any particular fund is not expended or appropriated in the year following that in which it is credited, it shall be added to the capital of the fund, but (subject to any express provision contained in the Statute, Regulation,

‡ Allowed 11th November, 1954.

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 other similar reward in respect of that examination save on the first occasion of their being examined.

* Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959.

† Allowed 16th March, 1961.

§ Allowed 12th August, 1903.

‡ The additional fee prescribed by the Council is £5.

‡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.

‡‡ Repealed 16th March, 1961.

* 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 12th August, 1915.

†† Allowed 28th July, 1959.

* 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 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.

* The annual fee prescribed by the Council for membership of the University Union is £13/10/-. The annual general service fee prescribed by the Council is for Science-type courses, £9; for Arts-type courses £6. (Some reduction of these fees may be allowed in the case of part-time students.)

† Allowed 7th December, 1927.

¶ Allowed 18th October, 1956.

§ Allowed 10th January, 1946.

‡ Allowed 7th December, 1932.

** Allowed 14th December, 1950, and amended 4th April, 1963.

(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.

*13. A graduate wishing to be admitted to a course of study not leading to a degree may be so admitted, upon such terms and conditions and upon payment of such fees as the Council may prescribe.

* Allowed 4th April, 1963.

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 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 for such term as the Council may determine.

(b) The President and the Secretary of the Pharmaceutical Society of South Australia, Incorporated, and the President of the Pharmacy Board of South Australia shall be members of the Board of Studies in Pharmacy.

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

* Amended 8th December, 1949, 22nd January, 1953, 20th December, 1956, and 12th December, 1963.

†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 exhibitioner, if any, shall be a student in string playing; in the case of the lapse of the other scholarship, the exhibitioner, if any, shall be a student in any of the subjects of that scholarship.

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

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

*7. Payment of the annual value of a scholarship shall be made in 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 candidates 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 and Applied Science 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 and Applied Science 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.

Allowed 16th March, 1961, and amended 12th December, 1963.

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

Whereas the sum of £2,500 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 £250, and shall be awarded from time to time as often as the income of the said capital sum permits.
3. The scholarship shall be awarded by a committee consisting of the Vice-Chancellor, the Dean of the Faculty of Medicine, and the Professor of Obstetrics and Gynaecology.
4. Payment of the scholarship shall be made upon approval of the proposed date of the scholar's departure from South Australia.
5. The scholarship shall be open to any graduate in Medicine of the University of Adelaide who has reached a high standard of proficiency throughout his undergraduate course. Candidates must be undertaking, or have completed, in Adelaide, the course of post-graduate training, including Obstetrics, as prescribed by the Royal College of Obstetricians and Gynaecologists for the Membership examination.
6. Holders of the scholarship will normally be expected to return to practise obstetrics in South Australia.
7. Within such time after being awarded the scholarship as the Council shall in each case allow, the scholar shall proceed overseas to gain postgraduate experience in Obstetrics and Gynaecology. He must present himself for the examination for Membership of the Royal College of Obstetricians and Gynaecologists, or such other examination as may be approved by the Council.
8. This Statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

Allowed 4th October, 1962.

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 16th December, 1948.

‡ Allowed 18th October, 1956.

‡ 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, and subsequently restored by capitalisation of accumulated income.

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.

Chapter LXXXII.—Of the Lady Barr Smith Memorial Fund for Cancer Research.

Whereas Sir Tom Elder Barr Smith has given to the University a sum of money for the purpose of establishing a Fund in memory of his wife, the late Nancy Leland Barr Smith: and whereas at his request the said sum has been invested in 15,000 £1 fully paid 5 p.c. Cumulative Preference Shares in Cellulose Australia Limited:

Now it is hereby provided as follows:

1. The Fund shall be called the Lady Barr Smith Memorial Fund for Cancer Research.

2. The object of the Fund shall be to promote study and research in the causes, prevention, treatment and relief of cancer.

3. The Fund may be invested in such securities and in such form as the Council shall from time to time determine, provided that the said Preference Shares shall continue to be held by the Fund by way of such investment unless and until the Company be wound up or be taken over by another company or be merged with another company.

4. The income from the Fund shall be available for the following purposes:

- (a) To maintain a Scholarship to be known as the Lady Barr Smith Scholarship for Cancer Research;
- (b) For the purchase of equipment to support the research work of a Scholar or of other workers whose research work serves the object of the Fund;
- (c) For such other purposes as the Council, on the advice of the Committee of Management, shall approve as serving the object of the Fund.

5. A Committee of Management shall be constituted to advise the Council on the use of the income from the Fund for the purposes set out in Clause 4. The Committee shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council, two members appointed by the Faculty of Science and two by the Faculty of Medicine, and either Sir Tom Elder Barr Smith or his son Tom Elder Barr Smith as his nominee.

6. Unspent income from the Fund shall be accumulated and invested in such securities and in such form as the Council in its absolute discretion shall from time to time determine. The Council may resort to such accumulations for the purpose of increasing the emoluments of a Scholarship or of awarding two or more Scholarships concurrently, or for such other purpose in accordance with Clauses 4 (b) and (c) as the Council, on the advice of the Committee, shall deem fit.

7. (a) A Scholarship shall be tenable at such place or places, wherever situated, as the Scholar shall select and the Council approve.

(b) A Scholar shall pursue a course of study or research approved by the Council.

(c) A Scholarship shall be tenable for two years in the first instance. On application by a Scholar tenure of his Scholarship may, on the recommendation of the Committee, be extended for a third year and in exceptional circumstances for a fourth year.

(d) The Council, on the advice of the Committee, may terminate tenure of a Scholarship at any time for reasons deemed adequate by the Council.

(e) Unless the Council decides otherwise the value of a Scholarship shall be £A750 a year payable in quarterly instalments in advance.

8. This Statute may be varied from time to time provided that such variations shall not alter the general object of the Fund as set out in Clause 2 above.

Allowed 12th December, 1963.

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.
- 7a. The Clerk shall also cause a copy of the report and recommendations, if any, of the Standing Committee, to accompany 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.

* Passed by the Senate, 22nd November, 1961.

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 twenty-third day before the day of meeting.

† Amended by the Senate, 23rd November, 1949, and 28th November, 1962.

* 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 Standing Committee.
- (d) Election of Members of the Council.
- (e) Questions.
- (f) Business from the Council.
- (g) Motions on the Notice-paper.
- (h) Other business.

* Amended by the Senate, 22nd November, 1961.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice-paper for the meeting of which it is an adjournment.

B. Rules of Debate.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same meeting has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

(a) By a motion "That the Senate proceed to the next business."

(b) By the motion: "That the Senate do now adjourn."

45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate.

C. Divisions.

46. So soon as a debate upon a question shall be concluded the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

D. Elections.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

*58a. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

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

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

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

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.

* Passed by the Senate, 28th March, 1894.

† Passed by the Senate, 26th July, 1922.

E. Questions.

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

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

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

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

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

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

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

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

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

F. Committee of the Whole Senate.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

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

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

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. STANDING COMMITTEE OF SENATE.

88. There shall be a Standing Committee of the Senate consisting of the Warden of the Senate, *ex officio*, and twelve members of the Senate elected by the Senate.

89. It shall be the function of the Standing Committee to consider any legislation to be put before the Senate.

90. The Standing Committee shall, at each meeting of the Senate at which business from the Council is before the Senate for its approval, report to the Senate upon such business.

91. The office of a member of the Standing Committee shall become vacant if he:

- (i) dies;
- (ii) declines to act;
- (iii) resigns his office by writing under his hand addressed to the Warden;
- (iv) ceases to reside in South Australia;
- (v) is absent without leave granted by the Standing Committee from three successive meetings of the Committee.

Any vacancy so occurring shall be a casual vacancy and the Standing Committee may elect a member of the Senate to fill such casual vacancy.

92. Meetings of the Standing Committee shall be called by the Warden at least once in every term and at such other times as he shall determine.

93. Six members present shall constitute a quorum of the Standing Committee and the Committee may function notwithstanding a vacancy in its membership so long as a quorum remains.

94. The Warden shall be Chairman of the Standing Committee and shall preside at every meeting of the Committee at which he is present. In the absence of the Warden the members of the Committee present at the meeting shall elect from among themselves a Chairman to preside at the meeting.

95. The Standing Committee shall regulate its own procedure at its meetings.

96. The election of members of the Standing Committee shall be held by the Senate annually at the ordinary meeting of the Senate in November, and subject to Standing Orders 97 to 103, in the same manner as members of the Council are elected.

97. The four members of the Standing Committee who have been longest in office and any member elected by the Standing Committee to a casual vacancy shall retire at the ordinary meeting of the Senate in November but shall be eligible for re-election. If more than four members shall have been in office for the same period the order of their retirement shall be decided by ballot.

98. Any member of the Senate to whom Notice of meetings of the Senate is required by Standing Order 17 to be sent, may, after the date fixed for the receipt of nominations, apply to the Clerk of the Senate for a postal ballot-paper.

99. The Clerk of the Senate shall issue a postal ballot-paper to every member of the Senate who applies therefor in accordance with Standing Order 98, and shall keep a record in the roll of the Senate of the persons to whom such postal ballot-papers have been issued.

100. No vote by means of a postal ballot-paper shall be counted unless:

- (a) it is received at the University before five o'clock in the afternoon of the day preceding the day appointed for the meeting of the Senate;
- (b) the ballot-paper when received at the University is enclosed in an envelope addressed to the Clerk and bearing the voter's name and address.

101. When ballot-papers have been distributed at the meeting, the Warden shall enquire whether any member present has already voted by a postal ballot-paper.

102. If any member of the Senate who has voted by a postal ballot-paper also attends the meeting of the Senate, his postal vote shall not be counted.

103. Scrutineers to count the votes shall be appointed by the Warden from the members of the Senate whether present at the meeting or not and the Clerk of the Senate shall declare the result of the election upon the report of the scrutineers at any time not later than the first Wednesday after the meeting of the Senate.

Passed by the Senate, 22nd November, 1961.

VII. SUSPENSION OF STANDING ORDERS

104. 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.

These Standing Orders were originally adopted by the Senate on December 2, 1885. They have been amended as shown in the footnotes since then; and Section VI was adopted by the Senate on November 22, 1961.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1964

PART II.

	Page
The Elder Conservatorium of Music - - - - -	204
The Waite Agricultural Research Institute - - - - -	221
The Mawson Institute for Antarctic Research - - - - -	222
The Anti-Cancer Foundation - - - - -	222
Resolutions Concerning the Commemoration of University Alumni - - - - -	224
Residential Colleges - - - - -	225
Affiliation to the Universities of Cambridge and Oxford - -	228
Recognition of the University by Other Institutions - - -	229
The Joseph Fisher Lecture in Commerce - - - - -	230
The Australian Society of Accountants Lecture in Account- ancy - - - - -	231
The Robin Memorial Lecture - - - - -	232
The Gavin David Young Lectures in Philosophy - - - - -	233
Adult Education Classes - - - - -	233
Summer School of Business Administration - - - - -	234
Evening Lectures - - - - -	234
Scholarships, Grants, Exhibitions and Prizes - - - - -	235
Societies Associated with the University - - - - -	314
Public Examinations in Music - - - - -	327

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 began 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.

Allowed 16th March, 1961.

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.

For 1960—

Adamek, Vladimir (Pianoforte).

Smith, Ivan J. (Violin).

Tobin, Ashleigh H. (Organ).

Finnis, Catherine M. (Violoncello). (One-year Exhibition.)

For 1961—

Dawe, Robert A. L. (Singing).

Fraser, Raymond W. (Violoncello).

For 1963—

Kazimierczak, Cecylia (Pianoforte).

Kazimierczak, Bogdan (Violin).

Mackay, Heather Margaret (Organ).

For 1964—

Hodge, Geraldine J. (Singing).

Yelland, Barbara A. (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 in 1917 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.

Awards.

For previous awards, see Calendars from 1934.

For 1958—

Kneebone, Barbara Frances (Singing).

For 1959—

Hutchesson, Margaret J. (Pianoforte).

For 1960—

Brewster, Christine J. (Singing).

For 1964—

Johnson, Yvonne M. (Singing).

THE EUGENE ALDERMAN SCHOLARSHIPS

Two scholarships were founded in 1918 in memory of Eugene Alderman. One scholarship must be awarded for Violin; the other is available for competition in violin, violoncello, pianoforte, organ and singing with preference to violin in case of equality of merit.

For conditions, see Chapter XLI of the Statutes.

Awards.

For previous awards, see Calendars from 1924.

For 1960—

Lasscock, Janet (Singing).

For 1961—

Johnson, Julie F. L. (Violin).

For 1962—

Taylor, Diana Fay (Violin).

For 1964—

Thomson, Damien B. (Violin).

THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

In 1947 the sisters of the late Selbourne Moutray Russell founded in his memory two scholarships each tenable for three years at the Elder Conservatorium of Music. One scholarship is for a male singer, the other for an orchestral instrument.

For conditions, see Statutes, Chapter LXIX.

Awards.

For previous awards, see Calendars from 1954.

For 1960—

Radford, Geoffrey P. (Bassoon).

For 1961—

Noble, John M. (Trumpet).

For 1962—

Harrison, Powell Jessup (Singing). (One-year Exhibition.)

For 1964—

Gill, Peter G. (Singing).

THE LUCY JOSEPHINE BAGOT PRIZE

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII.

Awards.

For previous awards, see Calendars from 1954.

1960—Hearne, Janice.

1962—Dawe, Robert Arthur

1961—Macpherson, Margaret

1963—Bermingham, Jennifer A.

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.

Awards.

For previous awards, see Calendars from 1958.

For 1961—

Kazimierczak, Bogdan
(One-year Exhibition)

For 1962—

Gare, Brian L.
(One-year Exhibition)

For 1963—

Thomson, Damien Balfour
(One-year Exhibition)

Larsens, Gunars
(One-year Exhibition)

For 1964—

Meyer, Michael C.

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.

The Franz and Catherine Anders Scholarship is tenable by a player of the Double Bass.

Awards.

For 1950— Loughhead, D. C.	For 1962— Wickes, Lewis C.
For 1961— Rozelaar, Amanda M. (One-year Exhibition)	

The Gustav Reimers Scholarship is tenable by a player of the Violoncello.

Awards.

For 1953— Warnecke, Mary.	For 1960— Rozelaar, Amanda M. (One-year Exhibition)
For 1955— McDonald, Harry Roy.	For 1961— Finnis, Catherine M.
For 1957—Robjohns, Gwenyth.	For 1964— Ferwerda, John D.

THE ROBERT WHINHAM PRIZE FOR ELOCUTION

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The prize shall be called The Robert Whinham Prize.
2. The prize shall be of the annual value of £5, and shall be offered at a special examination in the third term of each year.
3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.
5. Candidates shall be examined in the following subjects:—(a) Reciting; (b) Reading at sight; (c) Prepared reading or Prepared speaking (at the option of the candidate).

6. These rules may be varied from time to time by the Council.

Made by Council, 30th October, 1914.

Awards.

For previous awards, see Calendars from 1911.

1959—Annear, Gwenyth.	1961—Christie, Ann W.
1960—Osborn, Thomas R.	1962/63—No awards.

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.

Awards.

For previous awards, see Calendars from 1962.

For 1957—	For 1963—
Levy, Juliette I. H.	Larsens, Mairita.
For 1960—	For 1964—
Simpson, Anne.	Farkas, Ibojka Rosa

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.

Awards.

For previous awards, see Calendars from 1962.

For 1959—	For 1963—
Krieg, Lesley R. (One-year Exhibition)	Lakin, Angela Mary (One-year Exhibition)
For 1960—	For 1964—
Smith, David A.	Baghurst, Andrew H.

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.

Awards

For 1960—

Cann, Melvyn R.

For 1961/62—No awards.

For 1963—

Kartomi, Margaret J.

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 1961—	For 1963—
Birmingham, Jennifer A.	Hodge, Geraldine Janice.
For 1962—	For 1964—
Gurner, Ruth E.	Mihailovich, Mira

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. It is tenable for three years.

For conditions, see Chapter LXXIX of the Statutes.

Awards.

For previous awards, see Calendars from 1958.

For 1956—	For 1962—
Hearne, Janice Lesley.	Birmingham, Jennifer A.
For 1959—	
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 1962—

Butcher, Rosalie A. (French Horn).
Carter, Stephen R. (Flute).
Hackett-Jones, Geoffrey A. (Oboe).
Rowe, Deirdre M. (Clarinet).
Stephens, Owen A. (Bassoon).

For 1963—

Butcher, Rosalie Anne (French Horn).
Carter, Stephen R. (Flute).
Hackett-Jones, Geoffrey A. (Oboe).
Lakin, Angela Mary (Clarinet).

For 1964—

Angas, Carolyn A. (Flute).
Boehm, David R. (Oboe).
Lakin, Angela M. (Clarinet).
Mansfield, John D. (Bassoon).
Miller, Ian R. W. (French Horn).

ELDER OVERSEAS SCHOLARSHIP

This scholarship, which is open for competition amongst all native-born South Australians, was established by a bequest of £3,000 by Sir Thomas Elder to the Royal College of Music, London. This scholarship is tenable at the Royal College for a period of three years which in some cases may be extended to four years; its present value is about £130 a year, from which the scholar must pay his fees, the remainder being available for maintenance. The income from the Guli Magarey Fund 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 Calendars from 1958.

1951—Fearn, Peggy.

1957—Stubbs, Ruth M.

1954—Schramm, Kathryn.

1961—Hearne, Janice L.

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 ls., 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.

For 1964—Gallasch, Wendy A.

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.

Awards.

1959—Gunning, Shelley S. 1962—Hearne, Janice L.

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.

Awards.

1960—Edwards, Warren B.

1962—Dawe, Robert A. L.
(Exhibition)

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.

For 1960—Andrew, Helen.

For 1962—Hodge, Geraldine J.

For 1961—Hunter, Norma.

For 1963—Harrison, Powell J.

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.

Awards.

For 1960—Hearne, Janice.

For 1962—Macpherson, Margaret.

For 1961—Hearne, Janice.

For 1963 — No award.

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, small animal house and insectary have been erected since 1925.

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 third, fourth and Honours years of the degree of B.Ag.Sc, and 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 six 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).

ENTOMOLOGY.

PLANT PATHOLOGY (which includes Nematology and Soil Microbiology).

PLANT PHYSIOLOGY.

ANIMAL PHYSIOLOGY.

There is also a section of Statistics.

THE MAWSON INSTITUTE FOR 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 Antarctic expeditions, in particular those of Sir Douglas Mawson.

The Institute was inaugurated by the Right Honourable the Prime Minister on April 15, 1961. The Chairman of the Committee of Management of the Institute is the Chancellor of the University, the Honourable Sir George Ligertwood, and the Honorary Secretary is Mrs. I. M. Thomas.

THE ANTI-CANCER FOUNDATION

In 1928 the University formed an Anti-Cancer Campaign Committee 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.

In 1962, the Anti-Cancer Campaign Committee was reorganised and was renamed the Anti-Cancer Foundation of the University of Adelaide. The board of Governors, which decides matters of major policy, is the governing body of the Foundation. About 30 prominent citizens representing a wide cross-section of the community have been appointed as Governors of the Foundation. For the day-to-day conduct of the Foundation's affairs, an Executive Board, a Finance Committee and a Public Education Committee have been appointed.

FINANCE: The Foundation'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.

Four public appeals for funds have been made; the first in 1928 realised about £6,000, the second in 1939 about £3,000, the third in 1950 more than £100,000, and the fourth in 1962 about £110,000. The third and fourth public appeals were conducted under the aegis of the Lord Mayor. Part of the proceeds of the third appeal was used to pay for a very high-voltage X-ray machine which was installed at the Royal Adelaide Hospital.

Government grants and subsidies have been received since 1929. In addition, the State Government gave £16,000 towards the purchase of the high-voltage plant, and met the large expense of housing the plant at the Royal Adelaide Hospital.

RESEARCH: With its funds and facilities limited, the original Committee decided to support clinical research as likely to be the most rewarding; to that end it employed a medical officer and stenographer to record the cases of cancer in the Royal Adelaide Hospital for statistical analysis in due course. It 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 paid for its publication.

The Committee and the Foundation have subsidised particular research projects in the Institute of Medical and Veterinary Science and in recent years in the Departments of Organic Chemistry, Physical and Inorganic Chemistry, Biochemistry, Agricultural Chemistry and Obstetrics and Gynaecology in the University.

EDUCATION: To enable them to keep in touch with the most recent developments in their fields, the Foundation paid, wholly or in part, 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. Limited public education campaigns were conducted in 1950 and in 1957, and the Foundation plans to extend these activities in the near future.

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 University of Adelaide 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. During the years 1941 to 1945 the property was leased to the Royal Australian Air Force. Since then the College has acquired additional properties and buildings and now provides residence for over 120 tutors and undergraduates.

The College is governed by a Council of twenty-four members including representatives of the Church of England, the Council of the University, the Governors of St. Peter's College, and the Old Collegians. The Bishop of Adelaide is *ex officio* President and the Chairman is Mr. Gavin Walkley. Although the College is primarily under the sponsorship of the Church of England, it is freely open to men of all religious denominations.

The College provides its members with the advantages of corporate life, in close proximity to the University. As a supplement to University teaching, tutorials are provided in most of the basic subjects of the University curriculum, and non-resident students are admitted to tutorial classes.

Applicants should be matriculated in the University and must furnish evidence of good character. No member of the College may be permitted to remain in residence unless the Master and Tutors are satisfied with his diligence and conduct.

Further particulars are available from:

The Master—R. B. Lewis, B.A., B.Sc., or the Vice-Master, H. G. L. M. Kinloch, M.A., Ph.D., St. Mark's College, Pennington Terrace, North Adelaide; Telephone 6 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 about 80 students.

The College is governed by a Council two-thirds of whom must be women. Representatives are nominated by the University Council, the Women Graduates' Association, the Headmistresses' Association, and the St. Ann's Collegians Association; in addition, there are ten elected members. Miss Jean Gilmore, LL.B., is Chairman of the Council, and Mr. R. A. Simpson, B.E., is Chairman of the Finance Committee.

Further details can be supplied by The Principal, Miss M. K. Deasey, M.A., 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 90 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 Bryan Buxton, S.J., B.A., and the Dean is the Rev. M. F. Maher, S.J., M.Comm.

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. With the purchase of a further property in 1961, the College now accommodates 120 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., D.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 Year-book* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 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. A list of the Lectures delivered between 1904 and 1929,

inclusive, can be found in University Calendars prior to 1959:—

- 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.).
- *1962—"Industrial Research and Economic Growth in Australia," by Professor B. R. Williams, M.A.

*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.

For a list of the lectures given from 1945 to 1954, see Calendar for 1962. Lectures given since 1954 are as follows:—

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.

1961—"Towards a General Theory of Accounting," by Professor R. J. Chambers, B.Ec., A.A.S.A., A.C.I.S., A.C.A.A.

1962—"Trends in Accounting Education," by Professor A. B. Carson, A.B., M.B.A., Ph.D.

1963—"Project Evaluation and Business Growth," by Mr. F. K. Wright, B.Met.E., 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 W. H. R. Nimmo, M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.(Aust.).

1961—"The Future of Civil Engineering," by J. A. L. Matheson, M.B.E., Ph.D., M.C.E., M.Inst.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.

1956—"Thinking," by Professor G. Ryle, M.A.

1959—"Terms and Objects," by Professor W. V. Quine, M.A., Ph.D.

1963—"The Presuppositions of Immortality," by Professor A. G. N. Flew, M.A.

ADULT EDUCATION CLASSES

These classes—consisting of Tutorial Classes and Lecture Classes—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 responsibility 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 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.
- 1962 The Australian Economy and Overseas Trade.
- 1963 Labour Problems in the Australian Economy.
- 1964 Marketing.

EVENING LECTURES

1. Originally established under a special grant from the Government, courses of evening lectures in Arts, Economics and Science subjects are provided each year for the benefit of teachers and others. An evening class is held only if sufficient students enrol for it. A list of the evening courses offered in 1964, and their times, will be found on page 1003.

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

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.

1960	Guerin, Bruce	1962	Hackett-Jones, G. A.
1961	No award	1963	Kleinig, John M.

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.

1960	Guerin, Bruce.	1962	Colbey, Alison M.
1961	Gibson, Edmund R. B.	1963	Doecke, Ian P.

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.

1960	Fennell, Trevor G.	1962	No award
1961	Woodroffe, Alison E.	1963	Guerin, Bruce

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.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1960	McNally, Marie C.	1962	Tideman, Margaret B.
1961	Heuzenroeder, John M.	1963	Ellis, Roger M.

Scholars:

1945	Smith, Cecil Teesdale	1955	Trogenza, John Miller
1949	Wall, Barbara Deane	1961	O'Grady, Helen P.

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.

1960	Mawet, Jacqueline.	1962	Cornell, Anthea M. I.
1961	Kinloch, Anne R. L.	1963	Gent, Margaret G.

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.

For previous awards, see Calendars from 1963.

1959	Eckersley, Peter D. }	} equal	1961	Disney, Shaun A. R.
	Wilhelm, Leslie R. }		1962	Wilson, Derek F., LL.B.
1960	Wright, Robert K. McG.		1963	Makin, Robert J.

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.

Awards.

For previous awards, see Calendars from 1963.

1960	Woodroffe, Alison E.	1962	Disney, Shaun A. R.
1961	Ellis, Roger M.	1963	Rodger, Michael S.

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.

1960	Holt, Betsy S.	1962	Ellis, Roger M.
1961	Woodroffe, Alison E.	1963	Disney, Shaun A. R.

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.

In 1964 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.

1947	Taylor, Michael Gleeson	1957	Walsh, Elizabeth Jan, B.A.
1950	Hansen, Ian Victor, B.A.	1961	Tidemann, Margaret B.

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.

1960	Cornell, Christine H.	1962	Cornell, Anthea M. I.	
1961	Davis, Isolda I. M.	} equal	1963	Bayer, Rosy
	Marshall, Marilyn G.			

The Hope Crampton Prize for French.

Whereas the French Club of the University of Adelaide has given the sum of £100 for the purpose of establishing a prize in French to commemorate the services to the University of its founder, Miss Hope Crampton, formerly Senior Lecturer in French, the following rules are made:

1. A prize to be known as "The Hope Crampton Prize for French" shall be available for award annually.

2. The value of the prize shall be £5.

3. The prize shall be awarded to the matriculated student or graduate who has been placed first in the list of candidates who have passed with distinction in the annual examination in French I; but if such a candidate be eligible for another prize in French I the Hope Crampton prize shall be awarded to the matriculated student or graduate who amongst those who have passed with distinction has gained the highest marks in the oral section of the examination.

4. These rules may be changed from time to time, but the title and general purpose of the prize shall not be changed. D.1596/61.

Awards.

1961	Gibson, Edmund R. B.	1963	Bayer, Rosy
1962	Cornell, Anthea M. I.		

The Edith A. Puddy Prize.

Whereas the Alliance Française of South Australia has given the sum of £120 to the University for the purpose of establishing a prize in French to commemorate the services of Edith A. Puddy to the Alliance Française, the following rules are made:

1. A prize to be known as "The Edith A. Puddy Prize" shall be available for award annually.

2. The value of the prize shall be £6.

3. The prize shall be awarded to the matriculated student or graduate placed first amongst the candidates who pass with distinction in the annual examination in French II.

4. These rules may be changed from time to time, but the title and general purpose of the prize shall not be changed. D.1595/61.

Awards.

1961	McDougall, Jennifer M.	1963	Cornell, Anthea M. I.
1962	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.

1960	Pukitis, Ilze	1962	McDougall, Jennifer M.
1961	Williams, Dawn E.	1963	Cornell, Christine H.

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.

- 1960 German I: Thiersch, Marie-Louise
 German II: Schlick, Werner J.
 1961 German I: Wowanko, Rosemarie J.
 German II: Thiersch, Marie-Louise
 1962 German I: Strehlow, Theodor J.
 German II: Szczygielski, Wladyslawa W.
 1963 German I: Urban, Evelyn
 German II: Wieland, Brigitte

The A. J. Schulz Bequest.

The late Adolf John Schulz having bequeathed to the University the sum of £4,500 for the purpose of promoting postgraduate research work in the theory of education, and the study of the German language, literature and culture generally, the following rules are hereby made in accordance with the terms of the bequest:

A. EDUCATION.

1. A room in the Department of Education in the Napier Building shall be known as "The A. J. Schulz Room" and its primary purpose shall be to afford facilities for postgraduate research in the theory of education.

2. The annual income available from the bequest for the promotion of research in the theory of education shall be used to furnish the A. J. Schulz Room with books relating to the theory of education and with furniture and equipment. The books shall be chosen by the Head of the Department of Education in consultation with the Librarian.

3. Books purchased under the A. J. Schulz bequest and shelved in the Schulz Room shall not be available for loan and shall not be removed by students from the Room. A copy of each book in the Schulz Room shall be available for general use in the Barr Smith Library.

B. GERMAN.

4. (a) Prizes, to be known as A. J. Schulz Prizes, shall be available for award annually at the Public Examinations as follows:

(i) A book or books to the value of £3 for the candidate under 16 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Intermediate Examination.

(ii) A book or books to the value of £3 for the candidate under 18 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Leaving Examination.

(iii) A book or books to the value of £5 for the candidate under 19 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Leaving Honours Examination.

(b) The book or books constituting the prize shall be chosen by the prizeman with the approval of the Head of the Department of German.

(c) No award of a prize shall be made if the examiners be of opinion that there is no candidate worthy of the award.

5. (a) Prizes, to be known as A. J. Schulz Prizes, shall be available for award annually as follows:

(i) Books to the value of £15 for the candidate placed first in the annual examination in German III.

(ii) Books to the value of £25 for the candidate placed first in the final examination for the Honours degree of Bachelor of Arts in the School of German Language and Literature.

(b) No award of a prize shall be made if the examiners be of opinion that there is no candidate worthy of the award.

6. (a) An award, to be known as the A. J. Schulz Award and consisting of books to the value of £15, shall be available annually for a candidate of sufficient merit who, having qualified for the Honours degree of Bachelor of Arts in the School of German Language and Literature, proceeds to postgraduate study in the Department of German.

(b) The award will be made by the Council on the recommendation of the Faculty of Arts, after advice from the Head of the Department of German.

7. The books constituting a prize under Rule 5 or the award under Rule 6 shall be chosen by the successful candidate with the approval of the Head of the Department of German and furnished with a book-plate designed for the purpose.

8. If in any year a prize be not awarded under Rule 5 or an award be not made under Rule 6 the value of the prize or award for that year shall be used for the purchase of books for the Barr Smith Library. Such books shall be chosen by the Head of the Department of German in consultation with the Librarian and shall be furnished with an appropriate book-plate.

C. GENERAL.

9. The Council may alter these rules from time to time provided that the general purposes of the bequest be preserved; and the annual income available for the purposes of the bequest shall be changed from time to time as the capital sum of the bequest grows in accordance with the provisions of the bequest.

Awards.

1962—

Prizes:

German III: Thiersch, Marie-Louise	} equal
Final Honours German: Dobberstein, Fred H.	
Paul, Peter	

Award:

Dobberstein, Fred H.	} equal
Paul, Peter	

1963—

Prizes:

German III: Szczygielski, Wladyslawa W.

Final Honours German: Schlick, Werner

Award:

Roose, Willem A.

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV.

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.

Awards.

For previous awards, see Calendars from 1913.

1960 Rooney, Meredith J. 1962 Haydon, Anthony P.
 1961 Buxton, Gordon L., A.U.A. 1963 Ramsay, Janet K.

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	1962	Cornell, Anthea M. I.	} equal
	Kerin, Mary B.			Rodger, Michael S.	
1960	Brooking, Leslie J.			Swain, Ian H. F.	
1961	Worden, Margaret A.		1963	Ketley, Christopher L.	

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.

Awards.

For previous awards, see Calendars from 1904.

1960	Hopkirk, Kenneth D.	1962	Puckridge, James T. W.
1961	Gould, Ian M.	1963	Lawson, Henry W.

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.

1960	Hinckfuss, Ian C.	1962	Melville, Susan
1961	Mills, John S., B.E.	1963	No award

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.

1960	Berndt, Margaret B.	1962	McNicol, Donald
1961	Hume, Beryl M., B.A., Dip.Ed.	1963	Robertson, Leith S.

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.

Awards.

1940	Broomhead, Edwin Norman, M.A.	1947	Worthley, Boyce Wilson, B.A., M.Sc.
1943	Knauerhase, Oscar Carl, B.A.	1948-63	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.

1960	Kappler, Stewart G.	1962	Heinrich, Alison M.
1961	Clark, Brian R., B.Sc.	1963	Ramsay-Matthews, Graham

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.

For previous awards, see Calendars from 1961.

1960	Hansberry, Sara	1962	Boehmer, Sonya A.
1961	Endersbee, Rosslyn J.	1963	Hocking, Peter W.

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.

For previous awards, see Calendars from 1961.

1959	Octoman, Deidre J.	1962	Crick, Beverley J.	} equal
1960	Burnard, Sally M.	1963	Boehmer, Sonya A.	
1961	Edmonds, Thomas J.,		Day, Christine J.	

Overseas Scholarships in Arts and Economics.

These scholarships were superseded in 1962 by George Murray Scholarships. For previous awards and rules see Calendar for 1961. For subsequent years, see George Murray Scholarships.

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.

Awards.

For previous awards, see Calendars from 1930.

1954	Brown, Judith Eileen	1957-61	No award.
	Martin, Helene Alice	1962	Millard, Diane L.
1955	Burns, Erica Marian		

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.

Awards.

For previous awards of Scholarship and Medal, see Calendars from 1914.

Scholarships.

For previous awards see Calendars from 1959.

1960	Baldock, Robert N.	} equal	1962	Grivell, Anthony R.
	Millard, Diane L.		1963	Brooks, David E.
1961	Mitchell, Graham F.			

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 II as prescribed for the Ordinary degree of Bachelor of Science.

Awards.

For previous awards, see Calendars from 1954.

1960	No award.	1962	No award.
1961	Millard, Diane L.	1963	Smyth, David R.

The J. G. Wood Memorial Prize.

RULES

The sum of £500 having been given to the University by friends and former students of the late Joseph Garnett Wood, Professor of Botany in the University from 1935 to 1959, for the purpose of founding a prize in his memory, it is hereby provided as follows:

1. A prize, to be known as the J. G. Wood Memorial Prize, shall be available for award annually. Its value, until otherwise determined by the Council, shall be £25.

2. The prize shall be awarded to the candidate who, in the opinion of the examiners, obtains the best results in the year's work, including the annual examination, in Botany III, provided that no award shall be made unless the candidate has reached the standard of a Pass with Distinction.

3. These rules may be varied from time to time by the Council, but the title and general purpose of the prize shall not be changed.

D.2498/60.

Awards.

1961	No award.	1963	Gordon, Elizabeth M.
1962	Millard, Diane L.		

The Rennie Scholarship.

In 1930 the sum of £320 was raised by public subscription to establish a scholarship for research in Chemistry in memory of the late Edward Henry Rennie, formerly Angas Professor of Chemistry.

The scholarship is of the value of £50, and, provided that there is a candidate of sufficient merit, is awarded triennially.

For conditions, see Statutes, Chapter LIII.

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.	1962	Paul, David B.

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.

1954	Chinner, Graham A.	1956	Daily, Brian, B.Sc.
1955	No award	1957-63	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.

Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc. (resigned 1926)
1921	West, Eric Stadden, B.Sc.	1928	Piper, Gordon R., B.Sc.
1923	Lewcock, Harry K., 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.

Awards.

For previous awards, see Calendars from 1954.

1959	Heath, George R.	1961	Slade, Phillip G.
1960	No award.	1962	Kirk, Alexander C.

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.

For previous awards, see Calendars from 1963.

1960	Waechter, Raymond T., B.E.	} equal
	Bennett, Gregory W.	
1961	Davis, Bruce R., B.E.	
1962	Pearson, Kenneth R.	} equal
	Worley, Roderick T.	
1963	Summerfield, William C.	

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.

Awards.

Chemistry:		Chemical Engineering:	
1960 Swann, John C.	1961	Bishop, Peter J.	} equal
1961 Chandler, Bruce S.		Collins, David A.	
1962 Barrow, Kevin D.	1962	Phillips, Colin R.	
1963 Redmond, John W.			

The Sir Ronald Fisher Prize in Genetics.

RULES.

Whereas Professor J. H. Bennett has given to the University the sum of £150 for the purpose of establishing a prize in memory of the late Sir Ronald Fisher, F.R.S., who was closely associated with the Genetics Department from 1959 until his death in 1962, it is hereby provided as follows:

1. The prize shall be called the Sir Ronald Fisher Prize in Genetics.

2. The value of the prize shall be ten guineas until otherwise determined by the University Council.

3. The prize shall be awarded to the student who shall most distinguish himself in the work and annual examinations of the Genetics II course, provided that if in the opinion of the Professor of Genetics 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.

1962	Marshall, Jennifer A.
1963	Kennedy, Helen M.

The Pfizer Prize in Microbiology.

RULES.

Whereas the Pfizer Corporation has undertaken to provide an annual prize in Microbiology in the Science course of the University, the following rules are hereby made:

1. The prize shall be called "The Pfizer Prize in Microbiology".
2. Its value shall be £25.
3. The prize shall be awarded to the candidate who is placed first in the annual examination in Microbiology in the course for the degree of Bachelor of Science; provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1963 Pemberton, Russell E.

The Philips Prizes in Physics.

RULES.

The Council having accepted the offer of Philips Electrical Industries Pty. Ltd. to provide four annual prizes in Physics, the following rules are hereby made:

1. The prizes shall be known as "The Philips Prizes".
2. Prizes shall be available for award annually as follows:
 - (a) A prize of £50 for the matriculated student proceeding to the degree of Bachelor of Science who is placed first in the annual examination in Physics I.
 - (b) A prize of £50 for the matriculated student proceeding to the degree of Bachelor of Science who is placed first in the annual examination in Physics II.
 - (c) A prize of £100 for the matriculated student proceeding to the degree of Bachelor of Science who is placed first in the annual examination in Physics III H.
 - (d) A prize of £100 for the matriculated or graduate student placed first in the final examination for the Honours degree of Bachelor of Science in Physics.
3. No award of a prize shall be made if the examiners be of the opinion that there is no candidate worthy of the award.

Awards.

1963—

Physics I: Lewis, Brenton R.	}	equal
Steele, Ronald J.		
Physics II: Bracken, Anthony J.		
Physics III: McAvaney, Bryant J.		
Honours Physics: Harries, John R.		

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.

1960	Randles, John W.	1962	No award	} equal
1961	Richardson, Noel L.	1963	Haas, Christine P. Wauchope, Mary R.	

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.

For previous awards, see Calendars from 1961.

1959	Cooke, James A. E.	1961	Rathjen, Anthony J.
1960	Puckridge, Donald W.	1962	Richardson, Noel L.

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.

Awards.

1955	Parsons, Peter Angas, B.Ag.Sc.	1958	Seamark, Robert F.
		1962	Rathjen, Anthony J.

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.

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.

1957	Moten, John M., B.E. (Syd.), B.Sc.	1961	Cameron, Robert, A., B.E.	} equal
1959	Kelly, Robert J., B.E.	1963	Fryer, Colin W., B.E.	
			Rogers, Peter L., 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.

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.

1960	Juttner, Christopher A.	1962	Colebatch, Phillip M.
1961	Brooke, William J. L.	1963	Smith, Neil I.

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.

Awards.

For previous awards, see Calendars from 1943.

1960	Fryer, Colin	1962	Lee, Huat Chye (Jeffrey)	} equal
1961	Brown, Garry L.	1963	Moxham, Kenneth E.	
	Smith, Bernard M.			

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.

For previous awards, see Calendars from 1962.

1960	Truscott, Edward G.	1962	No award
1961	Gunaratnam, Daniel	1963	Parkin, John W.

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.

Awards.

1960	Yap, Pak Khi	1962	Maitland, Ian B. G.
1961	Stokes, Roger D.	1963	Fluk, Otto

The James Hardie Prize in Civil Engineering.

Whereas Messrs. James Hardie and Coy. Pty. Limited, has agreed to provide an annual prize of £50 in Civil Engineering, the following rules are hereby made:

1. The prize shall be called "The James Hardie Prize in Civil Engineering."
2. The prize shall be awarded annually to the matriculated student in the course for the degree of Bachelor of Engineering in Civil Engineering, who is placed first in the annual examination in Hydraulics A, provided that the prize shall not be awarded if there is no candidate of sufficient merit. D.1589/61.

Awards.

1961	Norman, Peter A.	1963	Moffatt, Kevin R.
1962	Parkin, John W.		

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.

1960	Kelly, Bryan L.	1962	Fryer, Colin
1961	No award	1963	Mitchell, Alan

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.

1959	Vladcoff, Adrian N.	1962	Lee, Huat Chye (Jeffrey)	} equal
1960	Cooper, Dennis N.	1963	Barker, Dean E.	
1961	Smith, Bernard M.		Smith, Andrew B.	

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.

1960	Vladcoff, Adrian N.	1962	Smith, Bernard M.
1961	Cooper, Dennis N.	1963	Lee, Huat Chye (Jeffrey)

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.

1960	No award	1962	Rehn, Peter F.
1961	Ooi, Boon Teck	1963	Kimber, Maxwell J.

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.

1960	Lee, Yee Cheong	1962	No award
1961	May, Kevin R.	1963	Sydenham, Peter H.

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.

1960	No award	1962	Patterson, Dean J.
1961	Haskard, Donald L.	1963	Chan, Siew Hung

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.

1960	Vladcoff, Adrian N. } equal	1962	Kershaw, Allan J. } equal
	Vu, The Bao } equal		Smith, Bernard M. } equal
1961	Cooper, Dennis N.	1963	Green, Leslie C.

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.

For previous awards, see Calendars from 1961.

1960	Cooper, Dennis N.	1962	Lee, Huat Chye (Jeffrey)
1961	Leigh-Jones, Peter } equal	1963	Smith, Andrew B.
	Smith, Bernard M. }		

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.

1960	Hawryszkiewicz, Igor T.	} equal	1962	Cooper, Dennis N.	} equal
	Potter, Robert J.		1963	Drewer, Peter C.	
1961	Vladcoff, Adrian N.		Smith, Bernard M.		

The I.R.E. Fisk Prize.

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 I.R.E. Fisk Prize."

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.

Awards.

1960	Vladcoff, Adrian N.	} equal	1962	Drewer, Peter C.
1961	Cooper, Dennis N.			Smith, Bernard M.
			1963	Flavel, Warren L.

The Sir William Goodman Scholarship.

Whereas the late Sir William G. T. Goodman has bequeathed to the University the sum of £4,000 for the purpose of founding an undergraduate scholarship in Electrical Engineering, the following rules are hereby made:

1. A scholarship in Electrical Engineering, to be known as "The Sir William Goodman Scholarship", shall be available for award annually.

2. Subject to Clause 3 hereof, the scholarship shall be awarded to the candidate for the degree of Bachelor of Engineering in Electrical Engineering who in the opinion of the Faculty of Engineering obtains the best results at the annual examinations of the fourth-year work prescribed in the Schedule defining the course of study for that degree.

3. If in the opinion of the Faculty of Engineering the candidate defined in Clause 2 hereof is not of sufficient merit to warrant award of the scholarship no award for that year shall be made; and if an award so lapse an additional award may be made in a subsequent year in which there is a second candidate who in the opinion of the Faculty is worthy of an award.

4. The scholarship shall be tenable for the final year of the course of study for the degree of Bachelor of Engineering in Electrical Engineering.

5. The value of the scholarship shall be £200. Subject to Clause 6 hereof, one-half of this sum will be paid in three equal instalments, one at the beginning of each term of the academic year for which the scholarship has been awarded. The other half will be paid in one sum when the scholar has qualified for admission to the Honours degree of Bachelor of Engineering in Electrical Engineering.

6. Payment of the second and third instalments referred to in Clause 5 hereof will be subject to receipt by the Registrar of a certificate from the Head of the Department of Electrical Engineering that the scholar's attendance and progress during the preceding term have been satisfactory.

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

Awards.

For 1963 Smith, Bernard M. For 1964 Lee, Huat Chye
(Jeffrey)

The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of 20 guineas 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.

For previous awards, see Calendars from 1962.

1959 Bishop, Michael M. 1961 Hale, Malcolm R.
 1960 Inglis, Geoffrey R. 1962 Flower, Ian C.

The Shell Prizes in Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide two annual prizes in Engineering, one for Mechanical Engineering and one for Chemical Engineering, the following rules are hereby made:

1. The Shell Prize for Mechanical Engineering shall be of the value of £31/10/- and shall be awarded to the full-time student in the penultimate year of the course for the degree of Bachelor of En-

gineering in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

2. The Shell Prize for Chemical Engineering shall be of the value of £31/10/- and shall be awarded to the full-time student in the third year of the course for the degree of Bachelor of Engineering in Chemical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1961.

Mechanical Engineering.

1960	Hale, Malcolm R.	} equal	1962	Brown, Garry L.
	Robinson, Philip A.		1963	Welford, John P.
1961	Flower, Ian C.			

Chemical Engineering.

1963 Arthur, Neill F.

The Rutter Jewell-Thomas Medal and Prize.

1. A medal, and a prize to the value of £30, to be known as "The Rutter Jewell-Thomas Medal and Prize," shall be offered for competition annually.

2. The medal and prize shall be awarded to the student completing the final year of the undergraduate course in Chemical Engineering whose academic record, over the whole course, is judged best.

3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award is made in any year, two awards may be made in a later year in which there are two candidates of sufficient merit. D.12/54.

Awards.

For previous awards, see Calendars from 1957.

1960	Cameron, Robert A.	1962	Fryer, Colin
	Kelly, Bryan L.		Rogers, Peter L.
1961	No award	1963	Story, Michael J.

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 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.

4. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of exceptional quality. D.1546/59.

Awards.

For previous awards, see Calendars from 1963.

1960	Cameron, Robert A.	1962	Fryer, Colin
1961	Bishop, Peter J.	1963	Roberts, Terence J.

Petroleum Refineries (Australia) Pty. Ltd. Prize in Chemical Engineering.

Whereas Petroleum Refineries (Australia) Pty. Ltd. (formerly Standard-Vacuum Refining Company (Australia) Pty. Ltd.) have agreed to provide the sum of thirty guineas a year for the purpose of providing a prize in Chemical Engineering, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering, of the value of thirty guineas and to be known as the Petroleum Refineries Prize in Chemical Engineering, shall be offered annually.

2. The prize shall be awarded to the student who shows the greatest proficiency in the work of the fourth year of the five-year course in Chemical Engineering for the degree of Bachelor of Engineering.

3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of sufficient merit. D.1545/59.

Awards.

1960	Collins, David A.	1962	Story, Michael J.
1961	Fryer, Colin	1963	Isaachsen, Oscar A.

FACULTY OF LAW.

The Stow Prizes.

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV.

Awards.

For previous awards, see Calendars from 1904.

1961	Clark, Sandford D.	1963	Doyle, John J.
	Finnis, John M.		Doyle, Margaret C.
	Lindell, Geoffrey J.		Ligertwood, Andrew L. C.
	Von Doussa, John W.		Lindell, Geoffrey J.
1962	Haynes, Jennifer M.		<i>Prox. acc.</i>
			Haynes, Jennifer M.

The Stow Scholarship.

Every Bachelor of Laws who during his undergraduate course obtains three Stow Prizes receives a gold medal and is styled Stow Scholar.

Awards.

For previous awards, see Calendars from 1918.

- | | | | |
|------|---|------|-----------------|
| 1959 | Cornish, William R.
Prior, Graham C. | 1962 | Finnis, John M. |
|------|---|------|-----------------|

The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX.

Awards.

For previous awards, see Calendars from 1945.

- | | | | |
|------|---|------|------------------------------------|
| 1960 | Finnis, John M.
Kitchen, Barrie | 1962 | Haynes, Jennifer M. |
| 1961 | Lindell, Geoffrey J.
Von Doussa, John W. | 1963 | Duggan, Kevin P.
Doyle, John J. |

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.

Awards.

- | | | | |
|------|--------------------------|------|--|
| 1929 | Bleby, Thelma E. LL.B. | 1956 | O'Connell, Daniel Patrick,
B.A., LL.M., Ph.D. |
| 1933 | Wynes, William A., LL.B. | 1962 | Howard, Colin, LL.M. |
| 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.

Awards.

For previous awards, see Calendars from 1963.

- | | | | |
|------|---------------------|------|---------------------|
| 1960 | Kelly, David St. L. | 1962 | No award |
| 1961 | Finnis, John M. | 1963 | Detmold, Michael J. |

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.

1960	Debelle, Bruce M.	1962	No award
1961	Finnis, John M.	1963	Detmold, Michael J.

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.

1960	Gervasi, Illa L.	1962	No award
1961	Von Doussa, John W.	1963	Detmold, Michael J.

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 1955.

1960	Von Behrens, Wieland E.	1962	Craig, Ian H.
1961	Gill, P. Grantley	1963	Rossi, David G.

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.

1960	Pearlman, He' en R.	1962	Craig, Ian H.
1961	Gill, P. Grantley	1963	Coleman, Mark

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.

1960	Luke, Colin G.	1962	No award owing to changed conditions.
1961	Sage, Michael R.	1963	Gill, P. Grantley

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.

1960	Vladcoff, Adrian N.	1962	Smith, Bernard M.
1961	Cooper, Dennis N.	1963	Lee, Huat Chye (Jeffrey)

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.

1960	No award	1962	Rehn, Peter F.
1961	Ooi, Boon Teck	1963	Kimber, Maxwell J.

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.

1960	Lee, Yee Cheong	1962	No award
1961	May, Kevin R.	1963	Sydenham, Peter H.

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.

1960	No award	1962	Patterson, Dean J.
1961	Haskard, Donald L.	1963	Chan, Siew Hung

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.

1960	Vladcoff, Adrian N. } equal	1962	Kershaw, Allan J. } equal
	Vu, The Bao } equal		Smith, Bernard M. } equal
1961	Cooper, Dennis N.	1963	Green, Leslie C.

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.

For previous awards, see Calendars from 1961.

1960	Cooper, Dennis N.	1962	Lee, Huat Chye (Jeffrey)
1961	Leigh-Jones, Peter } equal	1963	Smith, Andrew B.
	Smith, Bernard M. }		

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.

1960	Hawryszkiewicz, Igor T.	} equal	1962	Cooper, Dennis N.	} equal
	Potter, Robert J.		1963	Drewer, Peter C.	
1961	Vladcoff, Adrian N.		Smith, Bernard M.		

The I.R.E. Fisk Prize.

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 I.R.E. Fisk Prize."

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.

Awards.

1960	Vladcoff, Adrian N.	} equal	1962	Drewer, Peter C.
1961	Cooper, Dennis N.		1963	Smith, Bernard M.
			1963	Flavel, Warren L.

The Sir William Goodman Scholarship.

Whereas the late Sir William G. T. Goodman has bequeathed to the University the sum of £4,000 for the purpose of founding an undergraduate scholarship in Electrical Engineering, the following rules are hereby made:

1. A scholarship in Electrical Engineering, to be known as "The Sir William Goodman Scholarship", shall be available for award annually.

2. Subject to Clause 3 hereof, the scholarship shall be awarded to the candidate for the degree of Bachelor of Engineering in Electrical Engineering who in the opinion of the Faculty of Engineering obtains the best results at the annual examinations of the fourth-year work prescribed in the Schedule defining the course of study for that degree.

3. If in the opinion of the Faculty of Engineering the candidate defined in Clause 2 hereof is not of sufficient merit to warrant award of the scholarship no award for that year shall be made; and if an award so lapse an additional award may be made in a subsequent year in which there is a second candidate who in the opinion of the Faculty is worthy of an award.

4. The scholarship shall be tenable for the final year of the course of study for the degree of Bachelor of Engineering in Electrical Engineering.

5. The value of the scholarship shall be £200. Subject to Clause 6 hereof, one-half of this sum will be paid in three equal instalments, one at the beginning of each term of the academic year for which the scholarship has been awarded. The other half will be paid in one sum when the scholar has qualified for admission to the Honours degree of Bachelor of Engineering in Electrical Engineering.

6. Payment of the second and third instalments referred to in Clause 5 hereof will be subject to receipt by the Registrar of a certificate from the Head of the Department of Electrical Engineering that the scholar's attendance and progress during the preceding term have been satisfactory.

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

Awards.

For 1963 Smith, Bernard M. For 1964 Lee, Huat Chye
(Jeffrey)

The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of 20 guineas 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.

For previous awards, see Calendars from 1962.

1959 Bishop, Michael M.	1961 Hale, Malcolm R.
1960 Inglis, Geoffrey R.	1962 Flower, Ian C.

The Shell Prizes in Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide two annual prizes in Engineering, one for Mechanical Engineering and one for Chemical Engineering, the following rules are hereby made:

1. The Shell Prize for Mechanical Engineering shall be of the value of £31/10/- and shall be awarded to the full-time student in the penultimate year of the course for the degree of Bachelor of En-

gineering in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

2. The Shell Prize for Chemical Engineering shall be of the value of £31/10/- and shall be awarded to the full-time student in the third year of the course for the degree of Bachelor of Engineering in Chemical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1961.

Mechanical Engineering.

1960	Hale, Malcolm R.	} equal	1962	Brown, Garry L.
	Robinson, Philip A.		1963	Welford, John P.
1961	Flower, Ian C.			

Chemical Engineering.

1963 Arthur, Neill F.

The Rutter Jewell-Thomas Medal and Prize.

1. A medal, and a prize to the value of £30, to be known as "The Rutter Jewell-Thomas Medal and Prize," shall be offered for competition annually.

2. The medal and prize shall be awarded to the student completing the final year of the undergraduate course in Chemical Engineering whose academic record, over the whole course, is judged best.

3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award is made in any year, two awards may be made in a later year in which there are two candidates of sufficient merit. D.12/54.

Awards.

For previous awards, see Calendars from 1957.

1960	Cameron, Robert A.	1962	Fryer, Colin
	Kelly, Bryan L.		Rogers, Peter L.
1961	No award	1963	Story, Michael J.

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 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.

4. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of exceptional quality. D.1546/59.

Awards.

For previous awards, see Calendars from 1963.

1960	Cameron, Robert A.	1962	Fryer, Colin
1961	Bishop, Peter J.	1963	Roberts, Terence J.

Petroleum Refineries (Australia) Pty. Ltd. Prize in Chemical Engineering.

Whereas Petroleum Refineries (Australia) Pty. Ltd. (formerly Standard-Vacuum Refining Company (Australia) Pty. Ltd.) have agreed to provide the sum of thirty guineas a year for the purpose of providing a prize in Chemical Engineering, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering, of the value of thirty guineas and to be known as the Petroleum Refineries Prize in Chemical Engineering, shall be offered annually.

2. The prize shall be awarded to the student who shows the greatest proficiency in the work of the fourth year of the five-year course in Chemical Engineering for the degree of Bachelor of Engineering.

3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of sufficient merit. D.1545/59.

Awards.

1960	Collins, David A.	1962	Story, Michael J.
1961	Fryer, Colin	1963	Isaachsen, Oscar A.

FACULTY OF LAW.

The Stow Prizes.

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV.

Awards.

For previous awards, see Calendars from 1904.

1961	Clark, Sandford D.	1963	Doyle, John J.
	Finnis, John M.		Doyle, Margaret C.
	Lindell, Geoffrey J.		Ligertwood, Andrew L. C.
	Von Doussa, John W.		Lindell, Geoffrey J.
1962	Haynes, Jennifer M.		<i>Prox. acc.</i>
			Haynes, Jennifer M.

The Stow Scholarship.

Every Bachelor of Laws who during his undergraduate course obtains three Stow Prizes receives a gold medal and is styled Stow Scholar.

Awards.

For previous awards, see Calendars from 1918.

- | | | | |
|------|---------------------|------|-----------------|
| 1959 | Cornish, William R. | 1962 | Finnis, John M. |
| | Prior, Graham C. | | |

The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX.

Awards.

For previous awards, see Calendars from 1945.

- | | | | |
|------|----------------------|------|---------------------|
| 1960 | Finnis, John M. | 1962 | Haynes, Jennifer M. |
| | Kitchen, Barrie | 1963 | Duggan, Kevin P. |
| 1961 | Lindell, Geoffrey J. | | Doyle, John J. |
| | Von Doussa, John W. | | |

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.

Awards.

- | | | | |
|------|--------------------------|------|--|
| 1929 | Bleby, Thelma E. LL.B. | 1956 | O'Connell, Daniel Patrick,
B.A., LL.M., Ph.D. |
| 1933 | Wynes, William A., LL.B. | 1962 | Howard, Colin, LL.M. |
| 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.

Awards.

For previous awards, see Calendars from 1963.

- | | | | |
|------|---------------------|------|---------------------|
| 1960 | Kelly, David St. L. | 1962 | No award |
| 1961 | Finnis, John M. | 1963 | Detmold, Michael J. |

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.

1960	Debelle, Bruce M.	1962	No award
1961	Finnis, John M.	1963	Detmold, Michael J.

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.

1960	Gervasi, Illa L.	1962	No award
1961	Von Doussa, John W.	1963	Detmold, Michael J.

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 1955.

1960	Von Behrens, Wieland E.	1962	Craig, Ian H.
1961	Gill, P. Grantley	1963	Rossi, David G.

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.

1960	Pearlman, Helen R.	1962	Craig, Ian H.
1961	Gill, P. Grantley	1963	Coleman, Mark

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.

1960	Luke, Colin G.	1962	No award owing to changed conditions.
1961	Sage, Michael R.	1963	Gill, P. Grantley

The Herbert John Wilkinson Memorial Prize.

Whereas the late Professor H. J. Wilkinson, Professor of Anatomy in the University of Adelaide from 1930 to 1936, has bequeathed a sum of money to the University for the purpose of establishing a Prize in Anatomy, the following rules are hereby made:

1. The Prize shall be called "The Herbert John Wilkinson Memorial Prize".

2. The value of the Prize shall be £100.

3. The Prize shall be awarded to the undergraduate who is placed first in the annual examination in Anatomy as part of the Second Annual Examination of the medical course, provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1963 Gill, P. Grantley }
Stepanas, Antanas V. } equal

The Smith Kline and French Prize in Microbiology.

RULES.

Whereas the Smith Kline and French Laboratories (Australia) Limited have undertaken to provide an annual prize in Microbiology in the medical course of the University, the following rules are hereby made:

1. The prize shall be called "The Smith Kline and French Prize in Microbiology".

2. Its value shall be £50.

3. The prize shall be awarded to the candidate who is placed first in the annual examination in Microbiology in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1963 Henderson, D. W.

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 fifth years of the medical course who is placed first in the list of candidates who pass with distinction in the annual examination relevant to that year.

For conditions, see Statutes, Chapter XXI.

Awards.

For previous awards, see Calendars from 1911.

1960	Third-year Examination:	1962	Third-year Examination:
	Pellow, Catherine A.		Pearlman, Helen R.
	Fifth-year Examination:		Fifth-year Examination:
	Magasdi, Creston J. I.		Pellow, Catherine A.
1961	Third-year Examination:	1963	Third-year Examination:
	Handley, Douglas V.		Gill, P. Grantley
	Fifth-year Examination:		Fifth-year Examination:
	Sage, Robert E.		Lumbers, Eugenie R.

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.

1960	Magasdi, Creston J. I.	1962	Pellew, Catherine A.
1961	Sage, Robert E.	1963	Luke, Colin G.

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.

1960	Barter, Ian W.	1962	Turnbull, John W.
1961	Lawton, John W. M.	1963	Munro, David R.

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.

Awards.

For previous awards, see Calendars from 1942.

1960	McLarty, Gwendoline	1962	Dean, Harry M.,	} equal
1961	Broinowski, Helen M.		Walsh, John A.	
		1963	Pellew, Catherine A.	

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.

Awards.

For previous awards, see Calendars from 1923.

1960	McLarty, Gwendoline	1962	Rogers, John M.
1961	Lochert, Roslyn M.	1963	Switajewski, Christopher A.

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.

Awards.

For previous awards, see Calendars from 1904.

1960	McLarty, Gwendoline	1962	Graham, John R.
1961	Vlahakis, Emmanuel	1963	Morris, Lloyd L.

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.

Awards.

For previous awards, see Calendars from 1939.

1960	Mansfield, Joseph J.	1962	Morris, Lloyd L.
1961	King, Tania L.	1963	Roman, Desmond

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.

Awards.

For previous awards, see Calendars from 1937.

1960 Strickland, Robert G.	1962 Graham, John R.
1961 Broinowski, Helen M.	1963 Morris, Lloyd L.

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.

1960 Kimber, Richard J., B.D.S.	1962 Graham, John R.
1961 Barter, Ian W.	1963 Basten, Antony

The Sir Trent Champion deCrespigny Memorial Prize.

The Council has accepted the offer of the British Medical Association (S.A. Branch) to provide an annual prize with a view to perpetuating the name of the late Sir Trent Champion deCrespigny and his association with the medical school.

RULES.

1. The prize shall be known as the Sir Trent Champion deCrespigny Memorial Prize.

2. The prize shall be awarded annually to the student who, at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November, gains the highest marks in the clinical section of Group I, The Principles and Practice of Medicine and Therapeutics; provided that an award shall not be made unless the candidate concerned has also passed the whole of the Final Examination and is regarded by the Board of Examiners as being of sufficient merit.

3. The value of the prize shall be £10/10/- and shall be paid in the form of an authority given by the British Medical Association (S.A. Branch) for the purchase to that value of medical books and/or equipment to be selected by the candidate.

D.1559/61.

Awards.

1961 Passehl, Johann H.	1963 Morris, Lloyd L.
1962 Rogers, John McD.	

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.

Awards.

For previous awards, see Calendars from 1944.

Scholarship:	Prize:
1960 Young, James F.	1960 McLarty, Gwendoline
1961 Vlahakis, Emmanuel	1961 Glinka, Natalie
1962 Sage, Robert E.	1962 Graham, John R.
1963 Talbot, Judith A.	1963 Morris, Lloyd L.
Turnbull, John W. } equal	

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.

Awards.

For previous awards, see Calendars from 1946.

1960 Young, James F.	1962 Whittenbury, Barry M.
1961 Ng, Boon Gim	1963 Switajewski, Christopher A.

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.

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.)
1961 Cameron, Malcolm E., M.B., B.S. (Q'land), D.O. (Lond.) and Wilson, Brian G., M.B., B.S. (Q'land), D.O. (Syd.).

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 30th April each year.

Awards.

1959	Burns, Richard J.	1962	No award
1960	No award	1963	Rosenfeldt, Franklin L.
1961	Glinka, Natalie		

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.		
1959	Fahy, Carlien L.	1962	Graham, John R. } equal
1960	Woolcock, Ann J.		King, Tania L. }
1961	Glinka, Natalie	1963	Kirwan, Colleen J.

The Johnson and Johnson Prize.

Whereas Johnson and Johnson Pty. Limited have undertaken to provide an annual prize in the medical course, initially for a period of five years, the following rules are hereby made:

1. The Prize shall be called "The Johnson and Johnson Prize".
2. The value of the Prize shall be £100.
3. Subject to Rule 4, the Prize shall be awarded to the candidate who is placed first in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that he has completed at least the last three years of the medical course in the University of Adelaide. No award shall be made if, in the opinion of the examiners, there is no candidate of sufficient merit.
4. The Prize shall not be awarded to a graduate in medicine of any other medical school or to any person who has been registered as a medical practitioner in South Australia or elsewhere.

Award.

1963 Morris, Lloyd L.

The Bertha Sudholz Prize.

Whereas the late Bertha Helga Sudholz has bequeathed to the University the sum of £2,000 to found a prize or scholarship, the following rules are hereby made:

1. A Prize to be known as the Bertha Sudholz Prize shall be offered for an original contribution to knowledge in the field of Otolology.

2. The value of the Prize shall be £300, unless otherwise determined by the Council.

3. The Prize shall be available for award to a graduate every three years, or more frequently if the income of the fund allows. The prize shall not be awarded twice to the same candidate.

4. The Prize shall be awarded by the Council on the recommendation of the Faculty of Medicine, but no award of the prize shall be made unless, in the opinion of the Faculty, there is a candidate who is worthy of the award.

5. These rules may be varied from time to time by the Council, but the title and general purpose of the prize shall not be changed.

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.

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., B.S.
1949	G. W. E. Aitken, M.B., B.S.		
	M. W. Elliott, M.B., B.S.	1961	E. M. Symonds, M.B., B.S.

* In 1955 the capital sum was increased to £2,500 and the value of the scholarship raised to £250.

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, see Calendars from 1937.

Junior Prizes:

1960	Sage, Robert E.
1961	Lloyd, John V.
1962	Handley, Douglas V.
1963	Pearlman, Helen R.

Senior Prizes:

1960	Charnock, John S., B.Sc.
	Cheah, Dolly, B.Sc.
	Porter, Reginald B., M.Sc.
1961	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 previous awards, see Calendars from 1962.

- 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.

National Heart Foundation Undergraduate Scholarships.

The National Heart Foundation of Australia offers a number of scholarships to undergraduates in the Faculty of Medicine in accordance with the following conditions:

1. The scholarships shall be known as "National Heart Foundation Undergraduate Medical Research Scholarships".

2. The object of the scholarships shall be to encourage an interest by medical undergraduates in research related to cardiovascular diseases.

3. The scholarships shall be valued at £200 per annum each, but if the scholar is in receipt of a Commonwealth Scholarship Living Allowance, the value shall be £130 per annum.

4. The scholarships shall be tenable for one year and shall be awarded to medical undergraduates undertaking a course of study and research for the degree of Bachelor of Science (Medical) or Bachelor of Medical Science or a degree considered by the Foundation to be equivalent, in the cardiovascular or allied field.

5. The scholarships shall be awarded by the University and the name of each scholar, the value of his scholarship and dates of tenure conveyed to the Foundation.

6. Each scholar shall submit to the Foundation, through his supervisor or Head of Department, a brief report describing his work, at the termination of the scholarship.

A student contemplating proceeding to the degree of B.Med.Sc. in the University of Adelaide should consult the Head of the Department in which he wishes so to proceed about the possibility of his being recommended for one of these scholarships.

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.

Awards.

1957	Lander, Harry, M.B., B.S.	1961	No award.
1958-9	Lawrence, James R., M.B., B.S.	1962	Aldor, Thomas A. M., M.B., B.S.
1960	Savage, Joseph P., M.B., B.S.	1963	Hoffmann, Mervyn J., M.B., B.S.

The Reginald Walker Bequest.

Enabled to do so by the Reginald Walker Bequest (which exceeds £30,000 in value) and in accordance with the wishes of the testator as conveyed to the University by the executors of his Will, the Council has established a Research Fellowship and has made the following rules relating to it:

1. The Fellowship shall be known as "The Reginald Walker Fellowship"; and until the Council shall decide otherwise the annual value of the Fellowship shall be £A1,600.

2. The purpose of the Fellowship is to promote research in medicine (in the broad sense) or in a science closely allied to medicine. Accordingly, the Fellowship may be held in any department in the Faculty of Medicine or for a project in any science that the Council, on the advice of the Medical Research Committee, approves as closely allied to medicine; but until the Council shall decide otherwise preference shall be given to a suitable candidate who wishes to work in the Department of Medicine or the Department of Surgery.

3. A candidate for the Fellowship shall hold one of the following qualifications:

(a) the degrees of M.B. and B.S. and at least two years' post-graduate experience;

(b) the degrees of B.Med.Sc. and M.B. and B.S. and at least one year's experience after graduating in medicine and surgery;

(c) the degree of Ph.D. in a science closely allied to medicine; and shall submit with his application for the Fellowship the subject of the research which he wishes to pursue under the Fellowship.

4. The Fellow shall give his full working time to his research project under the Fellowship and shall not engage in any other work which in the opinion of the Council is inconsistent with the purpose of the Fellowship.

5. Subject to the approval of the Council in each case a Fellow may retain without adjustment to the value of his Fellowship any small supplementary grant or living allowance that he may obtain; but no other major scholarship, or any salary or other substantial emolument, may be held concurrently with a Reginald Walker Fellowship. The decision of the Council as to what constitutes a major scholarship, salary or substantial emolument shall be final.

6. Tenure of the Fellowship shall be subject to annual renewal, shall not exceed three years by the same Fellow, and may be terminated at any time by the Council if the Council is not satisfied with the Fellow's diligence and progress in his research or for other reason deemed adequate by the Council.

7. The Fellowship shall be awarded, and any extension of tenure granted, on the recommendation of the Medical Research Committee.

8. The Council shall have absolute discretion in the investment of the fund constituting the bequest; and any surplus or accumulated income from the fund after the emoluments of the Fellows have been paid may be added to the capital fund of the Bequest or used to advance the purpose of the Bequest in such other manner as the Council may from time to time decide.

Award.

1963 Hoffmann, Mervyn J., M.B., B.S.

FACULTY OF DENTISTRY.**The Delta Sigma Delta Prize.****RULES.**

The Council has accepted the offer of the South Australian Graduate Chapter of the Delta Sigma Delta Fraternity to provide a prize of £10/10/- to be awarded annually to the student who, in the opinion of the Board of Examiners, most distinguishes himself in the second annual examination, provided that he is of sufficient merit.

Award.

1963 Felstead, Brenton J.

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.

1960	No award	1962	No award
1961	Chau, Kai Kin	1963	Ielasi, Anthony

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 Distinction in the fourth-year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1953.

1960	Wei, Hon Yin S.	1962	Chau, Kai Kin
1961	No award	1963	No award

Australian Dental Association (S.A. Branch) Prize.

The Council has accepted the offer of the S.A. Branch of the Australian Dental Association to provide a prize of fifteen guineas to be awarded annually to the student who is placed first in the list of candidates who Pass with Distinction in the final examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1945.

1960	Miller, Roderick S.	1962	No award
1961	No award	1963	Chau, Kai Kin

General Practice Study Group Prize.

The Council has accepted the offer of the General Practice Study Group (South Australia) of the Australian Dental Association, to provide a prize of £10/10/- to be awarded annually to the final year student who in the opinion of the Board of Examiners most distinguishes himself in the annual examination in Conservative Dentistry, provided that he is of sufficient merit.

Award.

1963 Chau, Kai Kin

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., 1963 Wei, Hon Yin, Stephen
B.D.S.
1958 Sims, Milton R., 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.
1960 Burley, Simon P., } equal 1961 Taylor, Gregory F.
B.Sc. } 1962 Boyce, Robert W., B.E.
Dahlberg, Dane L. } 1963 Caton, Christopher N.
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.

- For previous awards, see Calendars from 1961.
1960 Belchamber, Kenneth C. } equal 1961 Dahlberg, Dane L.
Burke, Philip D. } 1962 Browne, Christopher } equal
Puckridge, James } M. }
T. W. } 1963 Harries, Robert I. }
Rohrsheim, Geoffrey C. }

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 the Board of Examiners will normally regard a student as being in the second year if, having passed without failure in four first-year subjects, he is taking Economics II and three other subjects in the one year.

Awards.

- For previous awards, see Calendars from 1961.
1960 No award. 1962 Browne, Christopher M.
1961 Leane, Peter A. 1963 Teoh, Eng Hong

The Economic Society Prizes.

RULES.

Whereas the Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide annual prizes in Economics and Economic Statistics, the following rules are hereby made:

1. The Prizes shall be called "The Economic Society Prizes".
2. One Prize shall be available for award each year in Economics III and the other in Economic Statistics I.
3. The Prize in Economics III shall be books to the value of £10/10/- and one year's free membership of the Society. It shall be awarded to the matriculated student obtaining the best results in the annual examination in the subject, provided that in the opinion of the examiners he is of sufficient merit.
4. The Prize in Economic Statistics I shall be books to the value of £10/10/-, and shall be awarded to the matriculated student obtaining the best results in the annual examination in the subject, provided that in the opinion of the examiners he is of sufficient merit.

Awards.

Prize in Economics III.

For previous awards, see Calendars from 1945.

1960 Sarah, Neil	1962 Leane, Peter A.
1961 Griffiths, Peter R.	1963 Young, Ian C.

Prize in Economic Statistics I.

1963 Solomon, Peter L.

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.

Awards.

For previous awards, see Calendars from 1954.

1960 Hicks, Ronald P., B.Ec.	1962 Davis, Robert W.
1961 Blandy, Richard J., B.Ec.	1963 Dahlberg, Dane L.

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.

Awards.

For previous awards, see Calendars from 1919.

1960 Freney, Roger Q.	1962 Killick, James C.
1961 Dalton-Morgan, P. F. L.	1963 Gray, David R. Lang, Roger J.

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.

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.

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.

Awards.

For previous awards, see Calendars from 1913.

1960 Henderson, James Y. 1962 Leane, Peter A.
1961 No award 1963 Browne, Christopher M.

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 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.

- 1960 Leane, Peter A. (Elements of Accounting)
 Boyce, Robert W., B.E. (Management Accounting)
- 1961 Mitchell, Geoffrey B. (Elements of Accounting)
 Fairbairn, David F. (Management Accounting)
- 1962 Wong, Heung-Kwong, Jimmy (Elements of Accounting)
 Browne, Christopher M. (Management Accounting)
- 1963 Heywood, Derrick S. (Elements of Accounting)
 Waterman, Ewen L. (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.

For previous awards, see Calendars from 1961.

- | | |
|-----------------------------|--------------------------|
| 1960 Henderson, James Y. | 1962 Fairbairn, David F. |
| 1961 Boyce, Robert W., B.E. | 1963 Smith, Adrian M. |

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.

For previous awards, see Calendars from 1961.

1960	Lawton, Richard W.	1962-63	No award
1961	Trumble, Hugh P. C., B.Ag.Sc.		

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.

Award.

1961	Griggs, A. Michael, A.U.A. (Music), B.Arch.
1963	Jensen, Peter Rolf, B.Arch.

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 Coy. Pty. Limited 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.

Awards.

1960	Ong, Teng Cheong	1962	Lee, Wan-Ping
1961	Hauser, Robin	1963	Atkinson, Janet M.

The Royal Australian Institute of Architects (South Australian Chapter) Prizes.

Whereas the Royal Australian Institute of Architects (South Australian Chapter) 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 Royal Australian Institute of Architects (South Australian Chapter) 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 Royal Australian Institute of Architects (S.A. Chapter).

D. 2751/60.

Awards.

For previous awards, see Calendars from 1961.

- 1962 Bate, Brian G. (Architectural Design and Planning I)
Cant, David G. (Architectural Design and Planning II)
Nairn, Geoffrey W. (Architectural Design and Planning III)
Horne, Richard T. (Building Construction I and Building Science I)
Brown, Ian J. (Building Construction II and Building Science II)
McLeay, Donald A. R. (Building Construction III and Building Science III)
- 1963 Lentakis, John (Architectural Design and Planning I)
Wong, Yit Sing F. (Architectural Design and Planning II)
Steele, William L. (Architectural Design and Planning III)
Woodhead, William R. (Building Construction I and Building Science I)
Bate, Brian G. (Building Construction II and Building Science II)
Barwick, Ian J. (Building Construction III and Building Science III)

South Australian Gas Company Prize in Architecture

Whereas the South Australian Gas Company, to mark its centenary in 1961, has agreed to provide an annual prize of £100, the following rules are hereby made:

1. The award shall be known as the "South Australian Gas Company Prize in Architecture".

2. The purpose of the award shall be to promote travel to other Australian States for architectural study.

3. The award shall be made annually to the matriculated student in the course for the degree of Bachelor of Architecture who, in the opinion of the Board of Examiners, most distinguishes himself in the work of the final two years of the course, provided that an award shall not be made if, in the opinion of the Board of Examiners, there is no student of sufficient merit.

4. Payment of the award shall be made after approval by the Professor of Architecture of the travel and study arrangements proposed by the student.

5. 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.

6. The terms of the award may be varied at any time by agreement between the Company and the University, and the award may be withdrawn by the Company on its giving in writing twelve months' notice of such withdrawal.

D.2661/61.

Awards.

1961	Doley, Malcolm J.	1963	Grove, Richard J.
1962	Jensen, Peter R. Pikusa, Stefan A.	} equal	

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.

1960	Warmington, Leonie E.	1962	Showell, Jacqueline M.
1961	Chapple, Margaret A.	1963	Phillips, Julie G.

PRIZES AND SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

The John Storey Prizes.

RULES.

Whereas the Council has accepted the offer of the Australian Institute of Management to provide three annual prizes, one in Business Management, one in Economic Statistics II and one in Engineering Management, the following rules are hereby made:

1. The Prizes shall be called "The John Storey Prizes".

2. The value of the Prizes shall be as follows:

In Business Management	.....	.....	£21	0	0
In Economic Statistics II	.....	.....	10	10	0
In Engineering Management	.....	.....	10	10	0

3. The Prize in Business Management shall be awarded to the student who, on completing the courses of study prescribed in the schedules of the degree of Master of Business Management, has obtained the best results in the annual examinations for that degree, provided that in the opinion of the examiners he is of sufficient merit.

4. The Prize in Economic Statistics II shall be awarded to the matriculated student who is placed first in the annual examination in Economic Statistics II, provided that in the opinion of the examiners he is of sufficient merit.

5. The Prize in Engineering Management shall be awarded to the matriculated student in the course for the degree of Bachelor of Engineering who is placed first in the annual examination in Engineering Management, provided that in the opinion of the examiners he is of sufficient merit.

Awards.

1963 Business Management: Phillips, Bevan J.
Economic Statistics II: Truscott, David C.
Engineering Management: Brown, Garry L.

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 awards, see Calendars from 1959.

- 1959 Moritz, Alan Gilbert, B.Sc.
- 1961 Deacon, Glen B., B.Sc.
- 1962 Matthews, Brian W., B.Sc.
- 1963 Arthur, Neville L., B.Sc.

The George Murray Scholarships.

For rules applicable in 1962, see Calendar for 1962.

RULES.

(Applicable for Awards beginning in 1963)

Enabled to do so by the bequests (amounting to about £140,000) of the late Sir George Murray, K.C.M.G., Chancellor of the University from 1916 to 1942, and of his sister, the late Miss Margaret Tinline Murray, the Council has established a number of scholarships and made the following rules relating to them:

1. The scholarships shall be known as "George Murray Scholarships."

2. The purpose of the scholarships is to enable graduates of the University of Adelaide to undertake further study or research in approved Universities or other institutions outside the Commonwealth of Australia.

3. (a) Until otherwise determined by the Council the number of scholarships available for award in each year shall be six.

(b) Normally three scholarships shall be awarded to graduates in the Faculties of Arts, Economics, Law and Music, and three to graduates in the Faculties of Science, Agricultural Science, Engineering, Medicine, Dentistry, and Architecture and Town Planning.

(c) If in any year there be less than three awards in either group of Faculties listed in Section (b) of this Clause the Council may award an additional scholarship or scholarships in the other group of Faculties, provided that the total number of scholarships awarded in that year shall not exceed six.

4. There shall be two categories of awards, the minimum qualification for award in each category being as follows:

Category A: The degree of Ph.D.: provided that a candidate who expects to submit his thesis for the degree of Ph.D. by July 31 in the year for which the award is sought shall be eligible to apply in this category.

Category B: An Honours degree in Arts, Economics, Science, Agricultural Science, Engineering, Law, Medical Science, Music, Architecture, or Applied Science; the degrees of M.B., B.S., followed by at least one year of hospital practice or research; the Honours degree of B.D.S., or the degree of B.D.S. followed by at least one year's postgraduate study; a Master's degree.

5. The normal period of tenure of a scholarship shall be one year in Category A and two years in Category B; but in appropriate cases the period of tenure may be extended for one year, but not longer.

6. (a) Until the Council decides otherwise, and subject to Clause (e) below, the value of a scholarship shall be:

In Category A: £A940 a year with the possibility of a family grant of up to £A200 a year.

In Category B: £A750 a year with the possibility of a family grant of up to £A200 a year.

(b) The value of a scholarship awarded to a candidate in Category A who has not qualified for the degree of Ph.D. before he leaves Adelaide shall, pending decision on his candidature for the degree, be the appropriate rate for a scholarship in Category B. If the scholar be awarded the degree on the original submission of his thesis the value of his scholarship shall be a basic £A940 a year as from the date on which he submitted his thesis or the date on which he began tenure of his scholarship whichever is the later.

(c) The attention of candidates is drawn to the George Murray Overseas Travel Grants, the rules for which are published immediately after these rules.

(d) A scholar may hold, concurrently with his George Murray Scholarship, any grant for travel purposes only.

(e) A scholar who obtains any other award (whether it be scholarship, fellowship, salary, living allowance, or other emolument) shall at once inform the Registrar. He shall normally be required to retain such other award; and subject to the approval of the Council the Scholarships Committee, after considering all the circumstances, shall then decide the annual value of his George Murray Scholarship. In

these circumstances the scholar's outside award shall be supplemented up to the value of his George Murray Scholarship plus an additional amount to be determined by the Scholarships Committee, subject to the approval of the Council.

(f) One-quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia. Thereafter, for the period of tenure of the scholarship, payments will be made in equal quarterly instalments in advance.

(g) Payment of a Category B scholarship for the second year will be contingent upon receipt by the Registrar, 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 preceding year.

(h) Payment for a third year in Category B or for a second year in Category A will be made only after extension of the scholarship for that year has been formally approved.

7. (a) Applications must be lodged with the Registrar not later than October 31 in the year preceding that for which the award is sought.

(b) Every candidate should consult the Head of his Department in advance and should state in his application his proposed field of study and the University or other institution in which he desires to pursue it.

(c) Confirmation of the award of a George Murray Scholarship will be dependent upon the scholar's giving evidence that he has been accepted by the University or other institution concerned and that he is able to make suitable arrangements to proceed there.

(d) Application for extension of tenure of a scholarship for a second year in Category A or for a third year in Category B must be made in writing to the Registrar *before payment of the final quarterly instalment under the original award is due to be made*; and the application shall include a statement of the grounds on which the extension is sought together with a recommendation from the candidate's supervisor.

8. (a) Applications for scholarships in Arts, Economics, Law and Music shall be considered by a Committee comprising the Heads of Departments in the Faculty of Arts, the Head of the Department of Commerce, and the Deans of the Faculties of Law and Music, which shall report to the Faculty of Arts, and to the Scholarships Committee. Awards shall be made by the Council on the recommendation of the Faculty of Arts.

(b) Awards in Faculties other than Arts, Economics, Law and Music shall be made by the Council on the recommendation of the Scholarships Committee.

9. 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 year.

Awards.

For previous awards, see Calendars from 1959.

For 1962:

Darskus, Rolf L., B.Sc.
 Fennell, Trevor G., B.A.
 McNally, Marie C., B.A.
 Reeves, Leopold H. D., B.Sc.
 (Tas.)
 Sarah, Neil, B.Ec.
 Waechter, Raymond T., B.E.,
 B.Sc.

Gibson, John K., B.A. (B)
 Lee, David H., B.Sc. (B)
 Tidemann, Margaret B., B.A. (B)

For 1964:

For 1963:

Huppatz, John L., B.Sc. (A)
 Ramsay, George C., B.Sc. (A)
 Daniels, Verna K., B.A.

Ellis, Roger M. (B)
 Tiver, Peter G., B.A. (B)
 McNicol, Donald (B)
 Mills, Kenneth W., B.Sc. (B)
 Dodman, Robert L., B.Ag.Sc.
 (A)
 Antcliffe, Gault A., B.Sc. (A)

The George Murray Overseas Travel Grants.

RULES.

1. The Council may award each year a number of Overseas Travel Grants for the purpose of facilitating overseas postgraduate study or research by graduates of the University of Adelaide. The number of such grants that may be made in any year shall be determined in the light of the money available from the income of the George Murray Bequest after provision has been made for the George Murray Scholarships tenable during part or the whole of that year; but a grant shall not be made unless the applicant be deemed of sufficient merit and in need of assistance towards travel.

2. An applicant for a Travel Grant must have received a postgraduate award for further study or research in a university or other institution outside the Commonwealth of Australia; and the proposed course of study or research and the university or other institution in which it is to be undertaken shall, for the purpose of these grants, be subject to approval by the Council.

3. The value of a grant shall be determined in each case by the Council on the advice of the Scholarships Committee, which shall take into consideration the financial and other circumstances of the applicant; but until otherwise determined by the Council the total value of a grant shall not exceed £A400.

4. Applications for grants shall be made to the Registrar not later than February 28 in any year. An application shall include particulars of (i) the postgraduate award held and its value, (ii) the course of study or research proposed, (iii) the financial circumstances of the applicant, and (iv) any other awards or travel grants held or applied for.

5. (a) Ordinarily a grant shall be divided into two equal parts.

(b) The first part shall be for travel from Australia to another country overseas, and payment shall be made prior to the recipient's departure from Australia.

(c) Payment of the second part, for the return journey to Australia, shall be subject to the following conditions:

- (i) Application for payment shall be made to the Registrar not later than February 28 of the calendar year in which payment is desired.
- (ii) The applicant shall have completed the tenure of his scholarship and have spent not more than four academic years abroad.
- (iii) The applicant shall not have received any other award or appointment which provides for his passage to Australia.

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.

Shell Postgraduate Scholarships.

1. Applied Science.

The Shell Company of Australia Limited, on behalf of the Shell Group of Companies in Australia, offers one scholarship tenable in the United Kingdom for postgraduate work in the applied sciences. The scholarship is designed to enable the holder, being a graduate, to undertake two years' postgraduate work at the University of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of the studies which the scholar intends to follow.

The scholarship is valued at £850 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within twelve months of the completion of the scholarship period, will be paid by the Shell Group.

Residence will normally be taken up in October of the year during which the scholarship begins. 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.

This scholarship is open to candidates who, being male British subjects, have been domiciled in Australia for the last five years and have taken with honours a first degree in Science or Engineering at an Australian University, and preferably have had at least one year's experience in research. Candidates should normally be under 25 years of age at the date of application, unmarried and not under bond or committed in any way to an employer.

2. Arts, Commerce, Economics, Law.

The Shell Company of Australia Limited offers one scholarship tenable in the United Kingdom at Oxford or Cambridge University. The scholarship is valued at £850 sterling per annum, plus passage.

Candidates must be eligible to complete a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University at the annual examinations in the year of competition. The scholarship is not available to those who completed the course in an earlier year. 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.

The successful candidate must select a course of reading which will lead to a Bachelor's degree with Honours in the two years.

3. Selection.

Selection of the candidate is made on behalf of the Shell Group by a committee comprised of senior members of the University staff and representatives of the Management of the Shell Company of Australia Limited.

Consideration is given both to academic ability and to achievements or distinctions which indicate that a candidate may ultimately have an important contribution to make to the community outside the purely academic field. State finalists are 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 the 3rd October in the year of competition.

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.
- 1961 Pascoe, Timothy L.

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.

A graduate of any Australian University is eligible to apply. A candidate, however, should apply to the particular University in which he desires to pursue his postgraduate studies. A graduate in any faculty 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, obtainable 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.

- | | | |
|------|--|--------------------------------|
| 1960 | Gooden, John E. A., M.Sc. | } awarded for
} second year |
| | Mumme, William G., M.Sc. | |
| | Nicol, Lawrence W., B.Sc. | |
| | Nilsson, Carl S., B.Sc. | |
| 1961 | Storer, Robin G., B.Sc. | |
| | Mumme, William G., M.Sc. (awarded for second year) | |
| | Nilsson, Carl S., B.Sc. (awarded for third year) | |
| 1962 | Ramsay, George C., B.Sc. | |
| | Storer, Robin G., B.Sc. (awarded for second year) | |
| | Mumme, William G., M.Sc. (awarded for third year) | |
| 1963 | Arthur, Neville L., B.Sc. | |
| | Chandler, Graham S., B.Sc. | |
| | Corbett, John V., B.Sc. | |

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.

Awards.

1960 Charnock, John S., B.Sc. 1962-3 Good, Brian F., 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.

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 scholarship of the value of £25 may be awarded every second year for such work, provided it is of high quality. Undergraduates of not less than three years' standing and graduates of not more than two years' standing will be eligible to compete.

Awards.

For previous awards, see Calendars from 1913.

- 1960 Science—Szekeress, Peter, B.Sc.
Law—Gervasi, Illa L.
Arts—Dragovich, Deirdre J.
- 1961 Law—Clark, Sandford D.
Science—Hosking, Anthony J.
- 1962 Science—Gersch, Nerida F.
Arts—Kimber, Gillian, B.A.
Mills, John S., B.E.
Wilhelm, Leslie R.
- 1963 Arts—Coxon, Patricia M.
Schlick, Werner
Law—Detmold, Michael 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.

Awards.

For previous awards, see Calendars from 1923.

- | | |
|-------------------------------|--------------------------------|
| 1959 Ramsay, George C. | 1961 Williams, Lyall R., B.Sc. |
| 1960 Ramsay, George C., B.Sc. | 1962 Acott, Brenton |

The Eric Smith Scholarship.

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

For conditions, see Statutes, Chapter XVIIb.

Awards.

For previous awards, see Calendars from 1960.

1952	Webber, Ian Ernest	1961	Sanders, David A.
1957	Woods, Meredyth Tenison-	1963	Mason, Douglas J.

The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be £15 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

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

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.

FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that
is the son (or daughter) of
who was (or is) a worthy member of the Ancient Fraternity of Free and Accepted Masons under the Grand Lodge of South Australia, and hereby nominates the said
as a person to whom the University shall award a St. Alban Scholarship. The said scholar-designate is to study for the degree of Bachelor of

Dated at Adelaide this _____ day of _____ in
the year 19 _____

(Lodge Seal.)

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure
by _____ of the St. Alban
Scholarship, and has substituted
in the room of the said

Dated at Adelaide the _____ day of _____ in
the year 19 _____

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendars from 1921.

1946 Perrett, Lance Victor 1957 Forgan, Dorothea Wald
1953 Hambly, Francis Sutherland 1960 Lucas, Alan Vernon

The United Nations Prize.

In 1923 the late Tom Elder Barr Smith gave to the University the sum of £100 to found an annual prize for an essay on a subject connected with the work of the League of Nations; and until 1945 the prize was so offered for competition.

The League of Nations having been dissolved and the United Nations having been established in 1945, the prize is now offered in accordance with the following rules:

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 1964 is *either—*

The financial predicament of the United Nations; *or*
Anti-Colonialism and the United Nations.

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.

Awards.

For previous awards, see Calendars from 1911.

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.
1957	Perriam, Donald J.	1961	Clarke, Robert J.

Commonwealth Scholarships.

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. The scholarships serve a twofold 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 about 575 Commonwealth Scholarships, called 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. 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; some South Australian Institute of Technology diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindergarten Training College; the course in Optometry. Lists of courses available in this and other States may be seen at the Scholarships Section.

Approximately 100 Commonwealth Scholarships, called Later Year 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.

A few Mature Age Scholarships are available to people between the ages of 25 and 30 years of age who have lived in Australia for two years, and who fulfil certain other conditions.

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 10s. 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 rate of allowance payable to the holder of an ordinary scholarship who is residing with his parents is £247 per annum. The maximum rate of allowance payable to the holder of an ordinary scholarship who is not residing with his parents is £383 10s. per annum. The maximum rate of allowance payable to independent scholars is £7 7s. 6d. per week. The adjusted family income on which maximum allowances are payable, is £850, and the rate of abatement of allowances is £2 in £10 up to an adjusted income of £1,700 and £3 in £10 thereafter. The cut-out is £1,936 on the "at home" scale, and £2,391 on the "away from home" scale. The permissible income is £2 10s. per week in the case of ordinary scholars, and £3 per week in the case of independent scholars. In the case of married female scholars, the permissible combined income of the scholar and her husband is £6 per week. In assessing the adjusted family income, the allowance for each child (other than the scholar) under 16 years of age, is £150. The adjusted family income consists of the gross income of the father and mother for the previous financial year, less the deductions for children under 16. When the income is from property or a business, the gross income is the income from the property or business, less the *business* expenses allowed by the Taxation Department as expenses incurred in earning the income. In assessing the living allowance in a case in which there are two students of the one family in courses approved under the Commonwealth Scholarship Scheme, and one or both hold Commonwealth Scholarships, the living allowance of one or both will be assessed by abating the maximum allowances at half the normal rate; when there are three such students, the abatement rate will be one-third the normal rate, and so on. 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 Scholarships Section of 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.

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.

The Scholarships Section of the South Australian Education Department is located on the second floor of Elizabeth House, North Terrace, Adelaide. The postal address is Box 406C, G.P.O., Adelaide, and the telephone number is 8 0471.

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 provides each year a number of awards for postgraduate study and research at Australian universities. Each university is granted a quota which it may award directly; some additional awards are made by the Commonwealth Scholarships Board to candidates not included in the quotas allocated to the individual universities.

The value of an award in the University of Adelaide is normally £800 a year. Tenure is subject to annual renewal and may not exceed four years.

An applicant must be a graduate or a student who expects to graduate shortly after application, and must be domiciled in Australia. A good Honours degree is expected; and a graduate or graduating student of another 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. An application should include full personal particulars of the applicant, the names of two referees familiar with his University work, 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 1962.

Burley, Simon P., B.Sc.	Holt, Betsy S.
Campbell, John A., B.Sc.	Jansen, Geoffrey C.
Colliver, Anthony D.	Jeffrey, Peter D., B.Sc.
Cooper, Desmond W., B.Sc.	McLaughlin, Ian L., B.Sc.
Frick, Anthony J.	Mitchell, Peter, B.Sc.
Hale, Malcolm R.	Vladcoff, Adrian N.
Haskard, Donald L.	Zockel, Manfred

Awards for 1963.

Binks, Jennifer A., B.A.	Morgan, Garth A., B.E.
Carmichael, Keith E., B.E.	Morrissy, Noel M., B.Sc.
Cavenett, Brian C., B.Sc.	Mulcahy, Dennis E., B.Sc.
Cooper, Dennis N., B.E.	Paul, David B., B.Sc.
Dainis, Andrew, B.Sc.	Phillips, Colin R., B.E.
Flower, Ian C., B.E.	Richardson, Alan J., B.A.
Fong, Lian Hern, B.Sc.	Slade, Phillip G., B.Sc.
Guy, Robert W., B.Sc.	Smith, Robert F. I., B.A.
Haddad, Gerald N., B.Sc.	Taylor, Brian K., B.Ag.Sc.
Hartwig, Robert E., B.Sc.	Virgo, David, B.Sc.
Hooper, Andrew W., B.Sc.	Wege, Dieter, B.Sc.
McAnaney, Janet, B.Sc.	Wigley, Tom M. L., B.Sc.

Awards for 1964.

Acott, Brenton, B.Sc.	Kirk, Alexander C., B.Sc.
Adams, Jeremy S., B.E.	Mills, Richard A., B.Sc.
Anderson, Ian R., B.Sc.	Ramsay, Janet K.
Bennett, Brian T., B.Sc.	Seneta, Eugene, B.Sc.
Cutten, Dean R., B.Sc.	Tanzer, Christian I., B.Sc.
Doyle, Elizabeth M., B.Sc.	Tiver, Peter G., B.A.
Ellis, Roger M.	van Bronswyk, Wilhelm, B.Sc.
George, Robin J., B.Sc.	Williams, Kevin G.
Gower, Stephen N.	Wyatt, David 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 (i) 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, and (ii) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £900 (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 scholarship makes no provision for the cost of the voyage to and from England.

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.

1961	Seppelt, Brian M., B.Sc.	1963	Rogers, Peter L.
1962	Finnis, John M.	1964	Brown, Garry L.

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.	1963	Ramsay, Graham C., B.Sc.

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £100 a year, tenable at an Australian University for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of £720 sterling 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.

- | | | |
|------|-------------------------------|---------|
| 1960 | Moritz, Alan G., B.Sc. | |
| 1961 | Jackson, John F., M.Sc. | } equal |
| | Laby, Ralph H., M.Sc. (Melb.) | |
| 1962 | Auzins, Ieva, B.Sc. | |
| 1963 | Pullman, Brian J., M.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 awards listed above 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 foregoing 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 Dr. G. S. Reid, 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 twelve 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 thirty-six 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. A student contemplating an application for a loan should consult personally the Registrar, the Warden of the Union and a professor in whose department he has worked or to whom he is personally known. He must then submit to the Registrar a written application, which should be supported *by confidential letters sent direct to the Registrar* by the Warden and the professor consulted.

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 itself. 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. Except as specifically provided otherwise below, all awards under the grant are made on an annual basis.

A *Junior Research Scholarship* may be awarded to a graduate with a good Ordinary degree to enable him to proceed to an Honours degree. An applicant must establish substantial financial need, and very few awards are made.

A *Research Scholarship* may be awarded to a graduate with a good Honours degree, or the equivalent, to enable him to proceed to a Master's or a Ph.D. degree. A potential candidate for a scholarship should consult the Head of his Department in *August or September* as nominations for scholarships are made by Heads of Departments by the end of September.

A *Postdoctoral Research Fellowship* may be awarded to a graduate who has received, or has qualified to receive, the degree of Ph.D. Such a fellowship may be renewed annually, but tenure shall not exceed three years. Applications, listing age, marital status, qualifications, publications, referees, and the field of research, should be sent to the Registrar.

A limited number of *Senior Research Fellowships* may be awarded to highly qualified persons (of Senior Lectureship or Readership status). Tenure is for not less than three years and not more than five. A Senior Research Fellow is expected to take a responsible part in the research programme of, and the guidance and supervision of postgraduate students in, the Department in which he holds his fellowship. Applications should list age, marital status, qualifications, experience, publications, referees, and details of the research proposed, and should be sent to the Registrar.

The Grant also makes provision for distinguished scholars to be invited to the University as *Visiting Professors*. The minimum period which a Visiting Professor must agree to spend in Adelaide is three months; the maximum, twelve.

Scholarships and Fellowships are open to graduates of other Australian and overseas universities, and enquiries are welcome. An enquirer should indicate his qualifications and the field in which he would wish to work.

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.

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. Most of these functions are held in the Staff Club Annexe, where luncheon and evening meal services are available. Members have also the right to use any of the University Union facilities.

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 Registrar of the University;
- (b) The Warden of the Union;
- (c) The Honorary Treasurer of the Union;
- (d) The Secretary of the Union; and

(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 members of the Union elected 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 up to 7 p.m. by members of the Union. The Coffee Room on the first floor of the Refectory remains open until 10 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 by 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 in 1946 and sponsored until 1962 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 the Benham Laboratories, and its administration was taken over by the University at the beginning of 1963.

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 75,000. 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, Intersarsity 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 Grounds.

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, which in 1963 was extended and modernised by the University Sports Association at a cost of approximately £8,000. 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 soccer, a lacrosse and two hockey fields 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, to provide opportunities for corporate worship, study and discussion, and to co-operate with other religious societies. 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 and the Holy Eucharist is celebrated every Friday morning at 7.40 and Tuesday evening at 5.15.

Evening tutorials and lunch-time 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; there is a week-end conference in second term and a quiet day in third term.

The Society's programme includes a Freshers' camp, socials, and other opportunities for members to meet together.

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 Catholic graduates and undergraduates;
- (2) to present the Catholic viewpoint within the University on moral, philosophical and social problems.

Mass is offered each Monday, Wednesday and Friday evening in the Chapel at 5.15 p.m. and on Tuesday and Thursday at 12.25 p.m.

A Marian Sodality meets regularly under the direction of the Society's Chaplain. 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 Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Victor Harbor 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 Catholic undergraduates entering upon courses and those already attending the University are invited to take an active part in all these functions.

The Adelaide University Evangelical Union.

The Evangelical Union is a branch of the Inter-Varsity Fellowship, a world-wide association of students formed in 1919 as a development of the Inter-Collegiate Christian Union founded in Cambridge in 1877. Its objects are to uphold the Christian faith, to provide Christian fellowship, and to present the Christian gospel to University students. Members have a personal knowledge and faith in Jesus Christ as Saviour, Lord and God; and claim this knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges Missionary Teas during term and end-of-term house parties.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

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. R. N. Twopenny, and the Adjutant Captain D. N. Candow.

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 with the rank of Cadet Officer and carry out 56 days' training spread over two years. On successful completion of this training they 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 an Interstate Permanent Air Force Base. 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 uniforms and receives remuneration at existing service rates of pay.

The Squadron is organised into five specialist flights; medical, equipment and accounting, administration, 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 R.A.A.F. Reserve for five years and may apply for appointment in the Permanent Air Force, or, if vacancies exist, employment is available as instructors with the Air Training Corps, Citizen Air Force Auxiliary Squadron or the University Squadron.

The R.A.A.F. Reserve is the inactive component of the Citizen Air Force. It is composed of enrolled members who have no obligation for part-time service and may only be called up for service in time of war or for the protection of the States against domestic violence. So far as members or ex-members of the University Squadrons are concerned, consideration would be given to the effect mobilization would have on their professional training.

All enquiries regarding enlistment should be addressed to the Commanding Officer, Adelaide University Squadron, R.A.A.F., Citizen Air Force Centre, 155 Barton Terrace, North Adelaide, S.A. The present Commanding Officer is Squadron Leader E. I. Lane.

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 undergraduate in law or student at law at the University of Adelaide;
- (b) any 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 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 (pre-clinical students) and fifteen shillings (clinical students). 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 within the faculty a greater corporate spirit and a wider interest in Science.

Activities held throughout the academic year include lunch-hour talks, a discussion week-end, 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 Faculty of Engineering.

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. T. G. H. Strehlow, The University.

Hon. Secretary: Mr. T. Brown, Dental School.

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 discussed 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. Every summer vacation members may attend special classes in a language, given for two hours twice a week by a member. There is no charge.

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 four 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: Professor H. F. Lydall, B.A. (Sth. Africa), M.A. (Oxford), The University.

Honorary Secretary: M. Polasek, Ph.D. (Duke), B.Ec., The University.

Honorary Treasurer: R. D. Terrell, B.Ec., The University.

The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time to discuss communications by members.

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 second Friday of every month, March to December inclusive, except those which fall on a public holiday, and at such other times as the committee may decide.

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 £1. 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, after approval by the committee, are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, with the notifications of the next succeeding meeting, at which the

nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor R. F. Whelan, M.D., Ph.D., D.Sc. (Belf.).

Vice-President: Professor G. M. Maxwell, M.D. (Edin.), M.R.C.P. (Lond.).

Hon. Secretary: W. E. R. Hackett, M.A., M.D. (Dub.), M.C.P.A.

Hon. Treasurer: Miss Patricia M. Wilson, 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 Editorial Board consists of local and interstate experts. There is also a Management Committee in Adelaide to supervise the finances of the Journal.

Contributions are received from research centres throughout Australia. The papers embody results of original research of an experimental nature in biochemistry, genetics, immunology, experimental 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 and Chairman of the Management Committee: Professor D. Rowley, M.D., Ph.D. (Lond.).

Adelaide University Theatre Guild.

The Guild has had a continuous existence since it was founded in 1938, and it was granted formal recognition as a society associated with the University in 1962.

The Adelaide University Union has also formally recognised the Guild by granting it representation on the Union Hall Committee.

The objects of the Guild as set out in its constitution are:

- (a) The production and study of plays of literary value, historical plays, plays about current ideas and events, and plays showing the development of the theatre;
- (b) The study and practice of the arts and crafts of the theatre.

A special association has been built up between the Guild and the Australian Elizabethan Theatre Trust since the Trust was founded in 1954.

Membership of the Guild is open to graduates, undergraduates, and to the general public; but only those members who are graduates of a university recognized by the University of Adelaide, or who are members of the University staff, are entitled to vote for, or hold, the eight places on the Board of Management. The Board may co-opt three other members.

Annual subscription at special rates is available to undergraduates.
Chairman: Dr. Harry Medlin, The University.

Secretary: Miss Beryl Pearce, The University. (Enquiries in writing only or after hours at 31 9918.)

The University Music Society

The University Music Society was founded in 1954. It was granted formal recognition as a Society associated with the University in 1963.

The management of the Society is vested in a committee appointed annually by the Faculty of Music. Funds which may accrue to the Society through subscriptions are under the control of the Management Committee, and the Committee is vested with the power to use such funds for whatever purposes it deems fit. The annual subscription for membership is determined by the Management Committee.

The aims of the Society are:

1. Through the Elder Conservatorium of Music and its staff, to develop and foster the enjoyment of music generally.
2. To arrange recitals and to hold meetings and discussions.
3. To create within the University a body designed to bring together graduates, undergraduates and staff members of the University on a series of occasions throughout the year with a view to their finding a common delight in the study and the performance of music.

Chairman: Professor John Bishop, O.B.E.

Hon. Secretary: J. L. Porter, Elder Conservatorium of Music.

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.

• Allowed December, 1948

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.

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.

1960	Hunwick, Christine M.	(Practice)
1961	Finnis, Catherine M.	(Theory)
	Larsens, Gunars	} (Practice)
	Larsens, Mairita		} (equal)
1962	Larter, Maureen J.	(Practice)
	James, William F. C.	(Theory)
1963	Holmes, Elizabeth M.	(Practice)
	No award	(Theory)

LICENTIATE PRIZE—

For previous awards, see Calendars from 1942.

1959	Schodde, Peter
1960	No award
1961	Chapell, Glenys

PRIZES—

For previous awards, see Calendars from 1945.

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.

Awards in 1961:

(a) *Pianoforte.*

- Seventh Grade: Buzaitis, Mara S.
 Colebatch, Frances
 Thompson, Glen R.
 Sixth Grade: Pisaniello, Marisa T.
 Schutz, Avis
 Williams, Graham
 Wilson, Elizabeth
 Fifth Grade: Noonan, Dianne M.
 Fourth Grade: Durand, Marcelline L.
 Gracie, Joy C.
 Wilksch, Philip A.

(b) *Violin.*

- Seventh Grade: Kazimierczak, Jean Paul B.
 Sixth Grade: Larsens, Gunars
 Larsens, Mairita
 Fourth Grade: Venning, Maurice M.

Awards in 1962:

(a) *Pianoforte.*

- Seventh Grade: Bennier, Margaret
 Featherstrong, Mariette R.
 McSkimming, David Grant
 Sixth Grade: Maloney, Joanna
 Thomson, Damien B.
 Hadjikakou, Piero
 Fifth Grade: Modra, Sonia Naomi
 Fatchen, Timothy J.
 Fourth Grade: Newcombe, Anthony

(b) *Violin.*

Sixth Grade: Farkas, Ibojka Rosa

Fifth Grade: Wootton, Deana

Awards in 1963:

(a) *Pianoforte.*

Seventh Grade: Owen, Dianne

Modra, Stella J.

Oster, Carol J.

Sixth Grade: Miller, Necia A.

Svilans, Marija

Vick, Malcolm J.

Burgess, Pauline

Fifth Grade: Tate, Trevor R.

Noack, Miriam A.

Fourth Grade: Williams, Christine E.

Williams, Carol J.

(b) *Violin.*

Seventh Grade: Schrama, Maria W.

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.

1960 Preiss, Sunieva

1962 Noonan, Diana

1961 Schutz, Avis

1963 Miller, Necia A.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1964
PART III

	Page
Annual Report for 1963 - - - - -	352
Commemoration Addresses, 1964 - - - - -	373
Bibliography for 1963 - - - - -	383
Financial Statements for 1963 - - - - -	403

ANNUAL REPORT FOR THE YEAR 1963

To His Excellency Sir Edric Montague Bastyan, K.C.M.G., K.C.V.O., 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 1963:

1. INTRODUCTION

The year marked the end of the triennium for which financial provision had been made by the State and Commonwealth Governments following publication of the Report of the Australian Universities Commission in October, 1959. The Council here records its appreciation of the State Government's decision, on publication of the Report, that it would make such grants to the University during the triennium as would enable the University to undertake the full building programme, and to achieve the maximum annual revenue recommended by the Commission.

The building programme included completion of the Napier Building for Arts, Economics and Law (early in 1964), of the R. A. Fisher Laboratories for biological sciences, and of the Medical School. Substantial additions were also made to the Union and Engineering Buildings and to the laboratories at the Waite Agricultural Research Institute. New blocks of laboratories for physics and chemistry, and the first stage of a physical education centre have also been built.

The increase in accommodation and physical resources, however, was scarcely matched by expansion in staff and was outstripped by the growth in student numbers, both in first degree and diploma courses and, notably, in postgraduate students proceeding to higher degrees. The growth of the graduate work is of major importance both for the requirements of the nation as a whole in highly-trained manpower and of the universities themselves for adequate staff. In the years that lie immediately ahead both must be increasingly satisfied from Australia's own resources. While graduate work in the sciences, pure and applied, is developing well, that in the humanities and the social sciences is not yet so satisfactory.

In 1963 the University embarked upon a policy of having more than one professor in certain departments. The rapid growth in staff and student numbers over the preceding decade had resulted in an imbalance of the more senior staff members. Of the 59 members of the permanent staff in 1939, 21 were professors, whereas in 1963 there were 47 Chairs to a sub-professorial staff of 355. Departments in which additional Chairs had been established from the beginning of 1964 are: English, History, Economics, Physics, Physical and Inorganic Chemistry, Dentistry, Medicine and Chemical Engineering.

The Council also created during the triennium three Chairs, each personal to the occupant, to which members of the existing staff were appointed; and it approved the establishment of a further small number of such Chairs in 1964.

2. THE COUNCIL

In July, the Senate elected Mr. Alan H. Lendon to fill the vacancy on the Council which arose through the death of Dr. F. Ray Hone, who had been a member of the Council since 1949; and in November it re-elected for a further term Miss J. Gilmore, Mr. K. H. Milne, Mr. W. M. C. Symonds, Professor J. R. Trevaskis and Sir Kenneth Wills, who retired by effluxion of time.

3. THE SENATE

In November the Senate re-elected Dr. R. G. Willoughby its Warden and Mr. V. A. Edgeloe its Clerk, re-elected Mr. S. J. Jacobs, Mr. R. B. Lewis and Miss R. F. Mitchell, Q.C., as members of its Standing Committee and elected Mr. F. H. Davis and Mr. W. A. White to fill vacancies arising through the resignation of Dr. E. C. Forsyth and the retirement of Mr. W. M. C. Symonds, who did not seek re-election.

The Standing Committee held three meetings during the year to consider legislation being submitted by the Council to the Senate. A procedure was evolved for conveying the Committee's views to the Council and suggestions from the Committee that certain amendments in form were desirable were adopted by the Council.

4. OBITUARY

Dr. F. Ray Hone, who died on April 15, had been a member of the Council since 1949. Always actively interested in the work of the University, Dr. Hone had been for more than 20 years a part-time teacher in the medical school, being Director of Medical Studies in 1945-6.

Professor R. K. Morton died on September 27 at the age of 43. He had occupied the Chair of Agricultural Chemistry at the Waite Institute from April, 1957, to the end of 1962, and had been appointed to the Chair of Biochemistry at North Terrace from January 1, 1963.

5. NEW PROFESSORS

The following professorial appointments were made during 1963: Mr. E. A. Russell, Reader in Economics, to a Chair of Economics; Dr. D. J. D. Nicholas of Long Ashton Research Station, University of Bristol, to the Waite Chair of Agricultural Chemistry; Mr. A. Rogerson of Jesus College, Oxford, to the Bonython Chair of Law; Dr. G. F. E. Rudé, Senior Lecturer in History, to a chair of History; and Dr. B. S. Hetzel, Reader in Medicine, to the Chair of Medicine at the Queen Elizabeth Hospital.

Professor N. L. Munn, who retired to Adelaide after a distinguished career in the United States, was appointed to an Honorary Professorship in the Department of Psychology.

6. OTHER APPOINTMENTS

Other appointments to the permanent full-time academic staff during the year were:

Mr. S. J. Rooth, Tutor-Organiser in Adult Education; Mr. A. T. Brissenden, Lecturer in English; Dr. G. Schulz, Reader in German; Dr. K. L. O. Gillion, Senior Lecturer in History; Mr. J. M. R. Young, Lecturer in History; Mr. A. J. Ward and Mr. N. Blewett, Lecturers in Politics; Mr. S. E. Hughes and Mr. I. C. Hinckfuss, Lecturers in Philosophy; Mr. J. A. Rowell and Rev. J. S. Dunkerley, Lecturers in Education; Mr. M. J. Artis, Lecturer in Economics; Dr. J. R. Radok, Reader in Mathematics; Dr. E. Jane Pitman and Dr. J. P. Tull, Senior Lecturers in Mathematics; Mr. R. P. Hale and Mr. J. B. Buxton, Lecturers in Mathematics; Mr. P. J. Edwards, Lecturer in Physics; Dr. P. W. Seymour, Senior Lecturer in Mathematical Physics; Dr. P. E. M. Allen, Lecturer in Physical and Inorganic Chemistry; Dr. R. H. Prager, Lecturer in Organic Chemistry; Dr. J. R. Casley-Smith, Senior Lecturer in Zoology (Electron Microscopy); Mr. R. I. Sommerville, Senior Lecturer in Zoology; Dr. S. Barker, Lecturer in Zoology; Dr. M. L. Mashford, Senior Lecturer in Physiology; Dr. J. M. Oades, Lecturer in Soil Science; Dr. D. R. Liljegren, Lecturer in Agricultural Chemistry; Dr. R. G. Pawsey, Lecturer in Forest Pathology; Mr. D. B. Crawley, Senior Lecturer in Civil Engineering; Mr. B. R. Davis, Lecturer in Electrical Engineering; Mr. B. A. Hills, Senior Lecturer in Chemical Engineering; Mr. D. St. L. Kelly, Senior Lecturer in Law; Mr. I. A. Shearer and Mr. M. J. Trebilcock, Lecturers in Law; Mr. P. W. S. Messent, Lecturer in Anatomy; Dr. R. K. F. Pak Poy, Senior Lecturer in Pathology; Dr. I. J. Forbes, Senior Lecturer in Medicine; Dr. J. S. Charnock, Senior Lecturer in Biochemistry (Surgery); Dr. S. C. Hopcroft, Lecturer in Experimental Surgery; Dr. Aileen F. Connon, Lecturer in Obstetrics and Gynaecology; Dr. G. M. Kneebone, Senior Lecturer in Child Health; Dr. Elizabeth A. Fanning, Reader in Preventive Dentistry; Dr. O. F. Makinson, Senior Lecturer in Conservative Dentistry; Mr. B. Fitzpatrick, Senior Lecturer in Oral Surgery; Mr. P. R. N. Beasley, Lecturer in Prosthetic Dentistry; Miss B. Kimber, Teacher of Violin (Elder Conservatorium); Mr. A. J. Gillissen, Senior Lecturer in Architecture; and Mr. D. J. Glencross, Lecturer in Physical Education.

7. STAFF DISTINCTIONS

Mr. A. S. M. Hely, Director of Adult Education, acted as consultant in education for UNESCO, undertaking a study on the training and employment of school teachers for adult literacy programmes and community education in Italy, U.A.R., Jordan, Thailand, Philippines, Vietnam and Indonesia; he was elected chairman of the executive of the Australian Association of Adult Education; and he was appointed by the Director-General of UNESCO as a member of the International Committee for the Advancement of Adult Education. Dr. D. W. Crowley, Assistant Director of Adult Education, was appointed Editor of the Australian Journal of Adult Education.

Professor C. J. Home, Jury Professor of English Language and Literature, visited the University of Queensland to lecture on Swift

and the eighteenth century; and Mr. R. W. V. Elliott, Reader in English, was a visiting lecturer in the University of Sydney.

Professor J. G. Cornell, Professor of French, gave two lectures and conducted practical classes in August at a seminar for teachers of French organised by the French Department of the University of Western Australia.

Dr. T. G. Wilson, Lecturer in History, and Dr. G. S. Reid, Senior Lecturer in Government and Public Administration, were awarded Nuffield fellowships and Dr. Reid a Rockefeller grant.

Professor P. H. Karmel, Principal-designate of Bedford Park, was appointed to the Commonwealth Government's Committee of Economic Enquiry.

Mr. E. A. Russell, Reader in Economics, was a member of the UNESCO education planning mission to Northern Rhodesia; Mr. F. K. Wright, Senior Lecturer in Commerce, gave the Australian Society of Accountants lecture on project evaluation and business growth, in the University of Adelaide; Dr. A. D. Barton, Senior Lecturer in Commerce, gave the Australian Society of Accountants lecture on company take-over in Australia, 1957-62, in the University of Melbourne; Dr. A. A. L. Powell, Lecturer in Economics, was appointed to a postdoctoral fellowship at the University of Chicago; and Dr. G. C. Harcourt was appointed a Lecturer in the University and a Fellow of Trinity Hall, Cambridge.

Professor R. B. Potts, Professor of Applied Mathematics, was chairman of the opening session of the second international conference on traffic flow, held in London; Mr. G. Szekeres, Reader in Mathematics, was elected a fellow of the Australian Academy of Science; and Dr. J. R. Radok, Reader in Mathematics, was elected to the Council of the Australian Mathematical Society.

Professor D. O. Jordan, Angas Professor of Physical and Inorganic Chemistry, was invited by the German Academy of Science to a symposium on biogenic macromolecules at Jena; he also attended the Faraday Discussion meeting on radiation chemistry at Notre Dame University, U.S.A., and lectured at the Weizmann Institute, Israel, and the University of Malaya at Kuala Lumpur.

Professor G. M. Badger, Professor of Organic Chemistry, attended the American Chemical Society organic symposium in Columbus, Ohio, and was an official Australian representative at the international congress of chemistry in London.

Professor E. A. Rudd, Professor of Economic Geology, attended the annual meeting of the American Association of Petroleum Geologists to receive the Matson Award; and Dr. M. F. Glaessner, Reader in Geology and Palaeontology, was offered a senior fellowship of the National Science Foundation of America.

Professor R. N. Robertson, Professor of Botany, represented the Australian Academy of Science at the centennial of the United States Academy of Sciences and at the international council of scientific unions in Vienna.

Professor W. P. Rogers, Professor of Parasitology, by invitation of the New York Academy of Sciences, attended a symposium on the biochemistry of parasites, and was appointed an honorary member of the World Health Organisation expert advisory panel on parasitic diseases.

Dr. G. E. Rogers, Reader in Biochemistry, attended by invitation a conference on the biology of keratinisation held at the University of California, Los Angeles.

Professor R. F. Whelan, Professor of Human Physiology and Pharmacology, was elected a fellow of the Royal Australasian College of Physicians and president of the Medical Sciences Club of South Australia; he was also appointed a member of the Australian drug evaluation committee, a member of the therapeutic substances standards committee, and a member of the board of examiners of the Royal Australasian College of Surgeons. Dr. D. I. B. Kerr, Senior Lecturer in Physiology, was appointed to the national committee for co-ordination of brain research and to the editorial board of *The Australian Journal of Experimental Biology and Medical Science*.

Professor D. Rowley, Professor of Microbiology, succeeded Sir Mark Mitchell as editor of *The Australian Journal of Experimental Biology and Medical Science*, and was appointed council member for South-East Asia of the International Society for Research on the Reticulo-endothelial System. With Dr. C. R. Jenkin, Senior Lecturer in Microbiology, he attended by invitation the international endotoxin symposium at Rutgers University, U.S.A.

Professor J. H. Bennett, Professor of Genetics, was elected president of the Australasian region of the International Biometric Society.

Professor C. M. Donald, Waite Professor of Agriculture, was a member of a three-man University team established by the Department of External Affairs to advise on tertiary agricultural education in Indonesia; Professor Donald was also a member of the Australian delegation to the United Nations conference on the application of science and technology in the less developed countries, in Geneva.

Mr. W. G. Alden, Senior Lecturer in Animal Production, was a member of the Australian delegation to the first world conference on animal production in Rome. Dr. K. W. Finlay, Reader in Plant Breeding and Genetics, was invited by the Rockefeller Foundation to visit its plant breeding projects in Mexico and Colombia to discuss the breeding of cereals.

Dr. N. T. Flentje, Reader in Plant Pathology, was awarded a Rockefeller travel grant and a research grant from the University of California; Dr. Flentje, Dr. J. H. Warcup and Dr. A. Kerr, Senior Lecturers in Plant Pathology, were invited to present papers to the international conference on control of soil-borne pathogens, sponsored by the U.S. National Academy of Sciences and held at the University of California. Dr. M. V. Carter, Senior Lecturer in Plant Pathology, was invited to join the organising committee of the international symposium on epidemiology and biometeorology of fungal diseases of plants presented by the Pennsylvania State University, under the sponsorship of NATO, at Pau, France.

Mr. G. Rose, Senior Lecturer in Electrical Engineering, was awarded a Carnegie travel grant and was a visiting professor at the Massachusetts Institute of Technology.

Professor A. A. Abbie, Elder Professor of Anatomy and Histology, was appointed chairman of the South Australian Board for Aboriginal Affairs.

Professor R. P. Jepson, Professor of Surgery, visited Newcastle and Broken Hill to lecture for the Postgraduate Committee in Medicine.

Professor R. A. Jensen was elected to the fellowship of the Australian Planning Institute; and Mr. J. D. Kendrick, Senior Lecturer in Architecture, was invited to represent the Australian national committee on illumination on the international commission of illumination technical committee.

8. RETIREMENTS

At the end of the year Mr. G. R. Fuller, Senior Lecturer in Physics, retired after more than 40 years' service with the University; and Mr. G. L. Gooden, Secretary of the Waite Institute, retired after 36 years' service in the Institute. Dr. P. R. Begg retired after having been the University's part-time Lecturer in Orthodontics for 37 years.

9. RESIGNATIONS

The following staff-members resigned during the year:

Mr. F. V. Bitmead, Tutor-organiser in Adult Education; Dr. P. C. Haeffner, Senior Lecturer in English; Mr. A. M. Slade, Lecturer in English; Mr. H. Souillac, Senior Lecturer in French, on appointment as Cultural Attaché to the French Embassy in Canberra; Mr. B. D. W. Hocking, Lecturer in German; Dr. I. A. H. Turner, Lecturer in History; Dr. M. Leifer, Lecturer in Politics; Dr. F. Mayne and Dr. R. V. Andrew, Lecturers in Education; Mr. G. Szekeres, Reader in Mathematics, on his appointment to the Chair of Pure Mathematics in the University of New South Wales; Mr. H. E. Mansbridge, Lecturer in Mathematics; Dr. I. E. McCarthy, Senior Lecturer in Mathematical Physics, on his receiving an appointment in the University of California at Davis; Dr. B. O. West, Reader in Physical and Inorganic Chemistry, on his appointment to the Chair of Inorganic Chemistry in Monash University; Dr. J. N. Black, Reader in Agronomy, on his appointment to the Chair of Forestry and Natural Resources in the University of Edinburgh; Dr. L. O. Vaartaja, Senior Lecturer in Forest Pathology; Mr. I. I. Kavass, Senior Lecturer in Law; Dr. L. R. Matz, Lecturer in Pathology; Mr. T. Schiott, Senior Lecturer in Architecture; and Mr. A. W. Sedgwick, Lecturer in Physical Education.

10. STUDY LEAVE

The following members of staff were granted Study Leave beginning at some stage of the year:

Professor J. R. Trevaskis, Hughes Professor of Classics; Dr. P. C. Haeffner, Senior Lecturer in English; Mr. H. J. Siliakus, Lecturer in German; Dr. Kathleen Woodroffe, Senior Lecturer in History; Dr. J. T. Gilchrist, Lecturer in History; Dr. G. S. Reid, Senior Lecturer

in Government and Public Administration; Professor J. J. C. Smart, Hughes Professor of Philosophy; Dr. L. B. Brown, Senior Lecturer in Psychology; Miss M. Brunt and Dr. G. C. Harcourt, Senior Lecturers in Economics; Mr. D. H. Whitehead, and Dr. A. A. L. Powell, Lecturers in Economics; Dr. M. N. Brearley, Senior Lecturer in Mathematics; Dr. E. H. Medlin, Senior Lecturer in Physics; Dr. S. W. Kennedy, Senior Lecturer in Physical and Inorganic Chemistry; Dr. T. N. Bell, Lecturer in Physical and Inorganic Chemistry; Dr. J. L. Talbot, Lecturer in Geology; Dr. D. A. Duckhouse, Lecturer in Zoology; Dr. Margaret E. S. Neville, Lecturer in Biochemistry; Dr. I. S. de la Lande, Reader in Pharmacology; Mr. A. C. Jennings, Senior Lecturer in Agricultural Chemistry; Mr. D. E. Symon, Senior Lecturer in Agronomy; Dr. K. W. Finlay, Reader in Plant Breeding and Genetics; Dr. P. W. Miles, Senior Lecturer in Entomology; Dr. N. T. Flentje, Reader and Head of the Department of Plant Pathology; Dr. D. Aspinall, Lecturer in Plant Physiology; Mr. G. Rose, Senior Lecturer in Electrical Engineering; Professor H. H. Davis, Professor of Mechanical Engineering; Dr. C. Howard, Senior Lecturer in Law; Mr. H. N. Hoskings, Senior Lecturer in Architecture; and Dr. R. G. Brown, Senior Lecturer in Social Studies.

11. BEDFORD PARK DEVELOPMENT

As a result of the University's submission on Bedford Park, which was referred to in last year's Report, the Australian Universities Commission recommended capital and recurrent grants for the development of Bedford Park in the 1964-66 triennium to enable teaching to begin there in March, 1966. The planning of the project, which was begun in 1961, proceeded during the year at an accelerated pace under the guidance of the Principal-Designate (Professor P. H. Karmel). A Bedford Park Planning Office was established in rented premises in the city near the University. Accommodation for the Bedford Park Library and the first members of the academic staff was provided within the University.

The basic site development plan was completed by the site planners, Professor Gordon Stephenson of Western Australia and Mr. G. J. Harrison. Messrs. Hassell, McConnell and Partners were appointed Architects for the first stage of buildings to house the four academic schools, the Library, the Union and the Administration. Sketch plans for these buildings were approved by the University and the Australian Universities Commission.

Professor L. D. Pryor, Professor of Botany in the Australian National University and a graduate of the University, acted as the landscaping consultant for the Bedford Park site and, following his advice, six acres of the site were planted with 1,200 trees as the first stage of the landscaping programme. A head groundsman and curator was appointed to take charge of the development of sports fields and landscaping work.

The University sought advice from Dr. O. H. Frankel, F.R.S., of C.S.I.R.O., on the nature of the School of Biological Sciences and decided that an integrated School of Biology should be developed, in which the teaching and research would emphasise the unity rather than the diversity of living organisms.

Professor F. B. Bull, Professor of Civil Engineering, consented to act as adviser on the engineering aspects of building structures and site works in association with Kinnaird Hill and Associates and Mark Tostevin and Associates. Earth-moving contractors completed the levelling and dressing of 20 acres of sports fields and began the formation of roadways, and the installation of a watering service for the sports fields was also begun. A number of existing buildings on the site was demolished in order to clear the route for the main roadway.

The accession and processing of library books was begun in the second half of the year to enable the Bedford Park Library to open in 1966 with some 60,000 classified and catalogued volumes on the shelves. Gifts to the Bedford Park Library collection were gratefully received from the Barr Smith Library, the Public Library of South Australia, the National Library of Australia, the Australian National University, the University of Tasmania, Mr. A. P. Bailey, Mrs. J. G. Duncan-Hughes, Mrs. F. Ray Hone, Dr. I. G. Jarrett, Lady Mawson, Professor Sir Mark Mitchell, Dr. R. S. Pearce, Sir A. Grenfell Price, Dr. H. J. Rodda, and Miss L. K. Symon.

The following members of staff were appointed and took up duty during the year: Mr. N. Stockdale, of the Australian National University, Librarian; Dr. J. W. Clark-Lewis, Reader in the University's Department of Organic Chemistry, Professor of Chemistry; Mr. E. M. Lethbridge and Mr. T. C. Eyre, Architects in the Staff Architect's Office; Mr. J. E. Scrivener and Miss B. M. T. Byrne, Assistant Librarians.

Other professors appointed to begin duty in 1964 were: Mr. R. W. V. Elliott of the University's Department of English to the Chair of English; Dr. O. O. G. M. MacDonagh of St. Catherine's College, Cambridge, to the Chair of History; Dr. K. J. Hancock of the University's Department of Economics to the Chair of Economics; Dr. M. H. Brennan of the University of Sydney to the Chair of Physics; Professor A. M. Clark of the University of Tasmania to the Chair of Biology and Chairmanship of the School of Biological Sciences.

The Council approved the creation in 1964 of eight additional Chairs, two in each of the four schools as follows: Two Chairs of Romance Languages in the School of Language and Literature; a Chair of Geography and a Chair of Social and Political Studies in the School of Social Sciences; a Chair of Mathematics and a second Chair in Chemistry in the School of Physical Sciences; and two additional Chairs of Biology in the School of Biological Sciences.

12. VISITORS AND PUBLIC LECTURES

The following visitors to the University took part in the work of the departments, and in some cases gave public lectures:

Classics: Professor R. A. Hall of Cornell University.

English: Professor W. A. G. Scott of Monash University; Professor R. A. Hall of Cornell University; the Commonwealth Literary Fund Lecturers for 1963, Dr. Andre Fabinyi, Mr. Dal Stivens, and Mr. H. A. Lindsay.

French: Professor R. A. Hall of Cornell University.

German: Dr. G. Schulz of the University of Melbourne; and Professor Gunther Bornkamm of the University of Heidelberg.

History: Dr. A. W. Martin of the University of Melbourne; Professor N. A. Graebner of the University of Illinois; Dr. N. K. Meaney of the University of Sydney; Professor G. S. S. Yule of Ormond College, Melbourne; and Professor R. W. Winke of Yale University.

Politics: Professor J. D. B. Miller of the Australian National University, Canberra.

Philosophy: Professor A. G. N. Flew, of the University of North Staffordshire.

Psychology: Dr. R. Rajalakshmi of the University of Baroda, India; Dr. M. J. Pickersgill of Bedford College, University of London; Professor R. W. Gerard of the University of Michigan, U.S.A.; Dr. Kolar of West Germany; Professor J. A. Cardno of the University of Tasmania; and Mr. A. J. Seyler of the Communication Section of the P.M.G. Department, Melbourne.

Geography: Professor A. Learmonth of the Australian National University, Canberra; Mr. Y. Takehisa of Tokyo, Japan; Dr. J. A. Bradley of the U.S. Embassy, Bangkok.

Education: Professor L. A. Reid, former Professor of the Philosophy of Education in the University of London.

Economics and Commerce: Professor K. Kojima of Hitotsubashi University, Tokyo, Japan; Mr. D. Bensusan-Butt of the Australian National University, Canberra; Dr. R. F. Henderson of the University of Melbourne; Mr. B. T. Colditz of Newcastle University College; Professor A. J. Brown of Leeds University and Visiting Professor to the Australian National University, Canberra; Professor R. I. Downing of the University of Melbourne; Professor J. K. Gifford of the University of Queensland; and Mr. N. Kaldor of the University of Cambridge.

Mathematics: Professor G. F. Newell of Brown University; Professor D. V. Widder of Harvard University; Dr. J. F. Kingman of the University of Cambridge; and Dr. A. P. Robertson of the University of Glasgow.

Physics: Mr. J. A. Ratcliffe, F.R.S., Director of the Radio Research Station, Slough; Dr. J. M. Siman, of the Cavendish Laboratory, Cambridge; Dr. R. D. Davies of the Jodrell Bank Observatory, Manchester; Professor B. Bleaney, F.R.S., of the Clarendon Laboratory, Oxford; Professor S. K. Runcorn of King's College, Newcastle-on-Tyne; Dr. L. W. Davies, Chief Physicist of the A.W.A. Research Laboratories, Sydney; and Dr. A. C. Crombie of the University of Oxford. The Einstein Memorial Lecture was given by Dr. D. F. Martyn, F.R.S., of the Upper Atmosphere Section, C.S.I.R.O., Camden.

Mathematical Physics: Professor A. A. Sokolov, an eminent Russian Theoretical Physicist.

Physical and Inorganic Chemistry: Dr. A. Elliot of King's College, London; Professor A. G. Ogston, F.A.A., F.R.S., of the Australian National University, Canberra; Professor L. J. Heidt of the Massachusetts Institute of Technology, U.S.A.; Professor H. B. Bolton of Monash University; and Professor R. D. Brown of Monash University.

Organic Chemistry: Dr. C. Culvenor of the Organic Chemistry Division, C.S.I.R.O., Melbourne; Dr. K. Schofield of the University of Exeter; and Professor L. M. Jackman of the University of Melbourne.

Geology and Mineralogy: Professor S. K. Runcorn of Durham University; Dr. K. S. Heier of the Australian National University, Canberra; Professor M. Schwartzbach of the University of Cologne; Professor B. Mason of Columbia University and the American Museum of Natural History; and Dr. D. Milton of the U.S. Geological Survey.

Botany: Professor J. Dainty of the University of East Anglia; Dr. P. J. Grubb of the University of Cambridge; Professor N. Higinbotham and Mrs. B. Higinbotham of Washington State University; Mr. G. G. Smith of the University of Western Australia; and Dr. R. E. Norris of the Smithsonian Institution, Washington.

Biochemistry: Dr. E. C. Slater of the University of Amsterdam; and Professor J. M. Sturtevant of Yale University.

Human Physiology and Pharmacology: Professor Sir John Eccles, F.R.S., of the John Curtin School of Medical Research, Canberra; Mr. J. Ludbrook of the University of Otago, New Zealand; Professor A. K. McIntyre of the University of Monash; Professor H. Barcroft, F.R.S., of the Sherrington School of Physiology, St. Thomas' Hospital Medical School, London; Professor J. B. Pritchard of the Queen's University of Belfast, Northern Island; Professor C. A. Keele of the Middlesex Hospital Medical School, London; and Dr. R. W. Gerard of the Mental Health Research Institute, University of Michigan, U.S.A.

Microbiology: Professor F. Fenner of the Australian National University, Canberra; Dr. G. Nossal of the University of Melbourne; Professor A. G. Stainberg of Western Reserve University, Cleveland, Ohio; and Dr. Demerec of Brookhaven National Laboratory, New York.

Genetics: Dr. R. L. Kirk of the University of Western Australia; Dr. A. G. Steinberg of the Western Reserve University, Ohio, U.S.A.; Dr. M. Demerec of the Brookhaven National Laboratory, U.S.A.; and Dr. Spencer Brown, University of California.

Agricultural Chemistry: Dr. G. W. Cooke, Rothamsted Experimental Station, England; Mr. J. K. Coulter, Director of the Regional Research Centre, Trinidad; and Dr. E. W. Russell, Director of the East African Agriculture and Forestry Research Organisation, Kenya.

Plant Pathology: Dr. S. J. Hughes of the Department of Agriculture, Canada; Dr. L. S. Live, of Columbia University, New York; Dr. P. H. Glynne of Rothamsted Research Station; and Dr. F. E. Clark of the U.S. Department of Agriculture, Colorado, U.S.A.

Plant Physiology: Dr. L. C. Luckwill, Head of the Department of Pomology and Plant Breeding at the Long Ashton Agricultural and Horticultural Research Station.

Electrical Engineering: Sir Willis Jackson, F.R.S., of the Imperial College of Science and Technology, London; Dr. B. M. Oliver, Vice-President of American I.E.E.E. and Research Director of Hewlett-

Packard Co., California; Mr. A. J. Seyler of the P.M.G. Research Laboratories, Melbourne; and Professor B. Speedy of the University of New South Wales.

Mechanical Engineering: Professor F. Ocuisk of Cornell University, Ithaca, U.S.A.

Chemical Engineering: Professor P. V. Danskwerts of the University of Cambridge.

Medicine: Most of the visitors in the field of Medicine sponsored by the Postgraduate Committee in Medicine visited the department.

Surgery: Mr. John Connell of Melbourne.

Obstetrics and Gynaecology: Professor H. L. Sheehan of the University of Liverpool; and Dr. D. L. Lawson of the Royal Women's Hospital, Melbourne.

Child Health: Professor V. Collins of the University of Melbourne; and Dr. P. Tizard of the Institute of Child Health, University of London.

Mental Health: Professor Lawrence Kolb of Columbia University, New York.

Dental Science: Dr. Charles F. N. Nord of Amsterdam; Dr. Miles Markley of Denver, Colorado; and Professor Noel Martin of the University of Sydney.

Architecture: Mr. Sydney Maslen, a Fulbright Research Scholar from Atlanta, Georgia, U.S.A.

Physiotherapy: Miss Shirley Keene, a lecturer of the National Spastics Society of Great Britain.

13. POSTGRADUATE COMMITTEES

The following visitors were sponsored by the Postgraduate Committee in Medicine: Dr. G. F. Joplin, Endocrinologist at the Postgraduate Medical School, London; Dr. Mary Crosse, O.B.E., Paediatrician, Birmingham, United Kingdom; Professor H. L. Sheehan, Professor of Pathology, University of Liverpool; Dr. E. Cunningham Dax, Chairman of the Mental Hygiene Authority of Victoria, and Edward Stirling Lecturer for 1963; Dr. Lawrence Kolb, Professor of Psychiatry, Columbia University, New York; Dr. Jean Mayer, Boston, Massachusetts; Dr. D. F. Lawson, Honorary Gynaecologist, Women's Hospital, Melbourne; Dr. F. S. Cooksey, Director, Department of Physical Medicine, King's College Hospital, London; Professor L. N. Pyrah, Professor of Urological Surgery, University of Leeds; Professor Vernon Collins, Professor of Child Health, University of Melbourne, Swift Memorial Lecturer for 1963; Professor A. K. McIntyre, Department of Physiology, Monash University, Melbourne; Dr. Robert Cook, Lecturer in Biochemistry, University of Dundee, Scotland; Dr. W. B. Quisenberry, Deputy Director of Health, Medical Health Services Division, Hawaii; Professor A. G. Steinberg, Professor of Biology, Western Reserve University, Cleveland; Dr. J. L. Duthie, Senior Lecturer in the Department of Medicine, University of Edinburgh; Dr. R. W. Gerard, Director of Laboratories, Mental Health Research Institute, University of Michigan; Professor George E. Schreiner, Professor of Medicine and Director of the Renal and Electrolyte Division of

Georgetown University Hospital, Washington; Professor W. I. C. Morris, Professor of Gynaecology and Obstetrics, University of Manchester; Professor Henry Barcroft, Head of Sherrington School of Physiology, St. Thomas's Hospital Medical School, London, and guest Professor of Adelaide Medical School; Professor C. A. Keele, Professor of Pharmacology and Therapeutics, Middlesex Hospital Medical School, London; Mr. R. B. Zachary, President of the British Association of Paediatric Surgeons; and Dr. Paul Brand, Professor of Orthopaedic Surgery at the Christian Medical College, Vellore.

Official visitors to the Postgraduate Committee in Dentistry were: Dr. M. Markley of Denver, Colorado, U.S.A.; Dr. G. Hare of Toronto, Canada; and Mr. L. Beckett of Sydney.

The Postgraduate Committee in Dentistry sponsored a postgraduate orthodontic course in collaboration with the Australian Society of Orthodontists. The principal lecturer was Dr. P. R. Begg, Part-time Lecturer in Orthodontics, who was assisted by Dr. R. Williams of La Grange, Illinois, U.S.A., and Dr. R. A. Rocke of the Keslering-Rocke Institute, Westville, Indiana.

14. RESEARCH AND PUBLICATIONS

The University Research Grant supported 56 research fellows and scholars, and about 450 research projects during the year.

A bibliography of publications by members of the University staff during the year is appended to this report.

15. GRANTS, GIFTS AND BEQUESTS

Grants from sources outside the University to support research projects and to provide postgraduate scholarships during the year amounted to £296,110. Details are listed in a statement appended to the Financial Statements of the University for 1963.

In addition to these grants, the University acknowledges with pleasure and gratitude the following gifts:

A painting from Mobil Oil Australia Ltd., to the Faculty of Economics Staff Common Room; a large and valuable collection of books from the Deutsche Forschungsgemeinschaft, Bad Godesberg, in conjunction with the Consulate for the Federal German Republic, to the Department of German; books from Professor Sir Mark Mitchell to the Department of Biochemistry; a stopped-flow apparatus for studying the kinetics of rapid enzyme reactions from Professor J. M. Sturtevant on behalf of the National Institute of Health of the U.S.A., to the department of Agricultural Chemistry; £500 from Dr. Ruth Heighway for the support of research on physical anthropology in the Department of Anatomy; books and periodicals for the Barr Smith Library from the following:

Miss K. L. Andersén; The Australian-Soviet Friendship Society; Mr. M. J. Barrett; Mr. B. Basedow; Dr. Roland Beard (Snr.); The Consulate for Belgium; Mr. Sandor Berger; Dr. F. J. H. Blaess; Dr. J. M. Bonnin; Mr. G. H. Brooks; Dr. R. G. Brown; Professor T. O. Browning; Miss M. D. Brunt; Professor T. D. Campbell; Misses Anthea

and Christine Cornell; Dr. D. W. Crowley; The Consul-General for Czechoslovakia; Mr. M. Bryn Davies; Deutsche Forschungsgemeinschaft; Mrs. J. G. Duncan-Hughes; Mrs. P. L. Edgar; Mr. R. W. V. Elliott; Mr. K. J. Farrer; Dr. D. P. Finnegan; Mrs. E. Flaum; Dr. E. C. Forsyth; The Embassy of France; The Consulate of the Federal Republic of Germany; Dr. M. F. Glaessner; Miss Eleanor M. Hinder; Miss Faith Hollidge; Mrs. F. Ray Hone; Professor C. J. Horne; Dr. Paul Hossfeld; Mr. I. K. Hull; Instituto Italiano di Cultura; Professor P. H. Karmel; Law Society of South Australia; Mr. H. J. Lee; The Lyceum Club; Mr. W. F. Mandle; Professor G. M. Maxwell; Dr. Helen Mayo; Professor H. Messel; Dr. J. A. Mills; Professor Sir Mark Mitchell; Mr. R. B. Moodie; Dr. K. Murray; National Library of Australia; Dr. P. R. Newling; Mr. W. A. P. Phillips; Public Library of South Australia; Professor J. S. Robertson; Miss M. W. Rooney; Miss G. C. Sargeant; Snowy Mountains Hydro-Electric Authority; South African Embassy; Mr. T. G. H. Strehlow; Miss L. K. Symon; Mr. A. G. Thompson; U.K. Information Services in Australia; The U.S. Information Service; U.S. National Agricultural Library; Miss Barbara Wall; Mr. H. G. Wight; Dr. H. B. Womersley and Yale University Press.

16. THE STUDENT HEALTH SERVICE

Dr. R. C. Heddle, who was part-time Medical Director from 1st January, 1963, was appointed full-time Medical Director from 1st January, 1964.

During the year 1,526 medical examinations were conducted on students, and 33 medical examinations of ancillary staff were made. There were 797 emergency treatments including sports and other injuries, illness, and psychological disorders.

The Second Conference of Student Health officers held at the University of Sydney in August was attended by the Director and Mr. B. F. G. Apps of the Department of Physical Education.

17. STATUTES AND REGULATIONS

Chapter LXXXII, Of the Lady Barr Smith Scholarship for Cancer Research, was repealed and a new Chapter, Of the Lady Barr Smith Memorial Fund for Cancer Research, was substituted therefor. Amendments were made to the following Statutes: Chapter X, Of the Faculties; Chapter XXVII, Of Diplomas and their Boards of Studies; and Chapter LVII, Of the Affiliation of the South Australian Institute of Technology.

New Regulations, Of the degree of Bachelor of Pharmacy, were enacted; the regulations governing the degrees of Master of Arts, Master of Engineering and Bachelor of Medical Science were repealed and new Regulations enacted in each case; and amendments were made to the Regulations governing the degrees of Bachelor of Arts, Master of Business Management, Master of Science, Bachelor of Laws, Bachelor of Applied Science, and Doctor of Philosophy, the Diplomas in Pharmacy and Social Studies, and the Public Examinations.

18. ACCOMMODATION

The Department of Physical and Inorganic Chemistry occupied its new block of laboratories in March, and alterations to the Johnson Laboratories began in November.

The Council named the new Biological Sciences building the "R. A. Fisher Laboratories". The building was completed during the year and is now occupied by the departments of Genetics and Zoology.

The first stage of a new Physical Education centre on Mackinnon Parade, North Adelaide, was completed and occupied.

An annex to the Main Engineering building was built and affords accommodation for the Computing Centre, the computing section of the C.S.I.R.O. division of Mathematical Statistics, and additional accommodation for the departments of Civil and Electrical Engineering.

19. STATISTICS

Numbers of Students: The total number of students was 7,831, the greatest enrolment in the history of the University and an increase of 567 on that for the previous year. Of the increase, 184 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 126. The number of Ph.D. candidates increased by 38.

The tendency towards a greater proportion of full-time enrolments was continued in 1963 when these enrolments represented 54.3 per cent. of the total, or, excluding the Elder Conservatorium of Music, 57.3 per cent. The composition of the student body is shown in the following table:—

COMPOSITION OF STUDENT BODY, 1963

	Males	Females	Total	%
Full-time.. .. .	3,179	1,071	4,250	54.3
Part-time.. .. .	1,945	717	2,662	34.0
External	405	99	504	6.4
Elder Conservatorium	185	230	415	5.3
Total Students	5,714	2,117	7,831	100

Distribution into Courses:

A. Higher Degree Candidates.

	Higher Doctor		Ph.D.		Master		Total		
	M.	F.	M.	F.	M.	F.	M.	F.	T.
Arts	—	—	8	3	36	11	44	14	58
Education	—	—	1	—	11	6	12	6	18
Economics	—	—	2	—	8	—	10	—	10
Business Management	—	—	—	—	4	—	4	—	4
Science	1	—	129	9	47	5	177	14	191
Agricultural Science	—	—	39	1	23	1	62	2	64
Engineering	—	—	28	—	38	—	66	—	66
Law	—	—	—	—	13	—	13	—	13
Medicine	15	—	1	—	4	—	20	—	20
Dentistry	—	—	—	—	6	—	6	—	6
Applied Science	—	—	—	—	2	—	2	—	2
Architecture	—	—	—	—	2	—	2	—	2
Town Planning	—	—	—	—	8	2	8	2	10
Total	16	—	208	13	202	25	426(a)	38(a)	464(a)

B. Candidates for Bachelors' Degrees:

	Honours(b)		Ordinary		Total		
	M.	F.	M.	F.	M.	F.	T.
Arts	29	22	702	590	731	612	1,343
Economics	4	—	387	16	391	16	407
Science	55	15	885	215	940	230	1,170
Agricultural Science	9	—	77	6	86	6	92
Engineering	37	—	396	1	433	1	434
Law	1	—	199	44	200	44	244
Medicine	—	—	514	103	514	103	617
Medical Science	2	—	—	—	2	—	2
Dentistry	—	—	106	11	106	11	117
Music	—	—	8	8	8	8	16
Technology	—	—	572	1	572	1	573
Applied Science	—	—	64	1	64	1	65
Architecture	6	—	112	8	118	8	126
Total	143	37	4,022	1,004	4,165(a)	1,041(a)	5,206(a)

C. Candidates for Diplomas and Certificates.

	Matriculated Students		Non-Matriculated Students		Total		
	M.	F.	M.	F.	M.	F.	T.
Arts and Education	415	362	9	1	424(c)	363(c)	787(c)
Education (Post-graduate diploma)	140	87	—	—	140(d)	87(d)	227(d)
Public Administration	14	1	27	3	41	4	45
Law (Final Certificate)	21	1	—	—	21	1	22
Music	8	21	2	10	10	31	41
Physical Education	81	44	7	4	88	48	136
Social Studies	21	75	9	16	30	91	121
Physiotherapy	5	76	—	4	5	80	85
Pharmacy	118	55	31	6	149	61	210
Total	823	722	85	44	908(a)	766(a)	1,674(a)

D. Students taking Miscellaneous Subjects.

	Males	Females	Total
Arts	40(e)	15(e)	55(e)
Economics	13	1	14
Science	21	1	22
Agricultural Science	2	1	3
Engineering	3	—	3
Law	2	—	2
Music (Degree and Diploma subjects)	—	1	1
Music (Elder Conservatorium)	185	230	415
Technology	5	—	5
Optometry	7	—	7
Home Science (S.A.I.T.)	—	44	44
Total	278(a)	293(a)	571(a)

(a) A deduction of 63 males and 21 females should be made from the combined total of groups A, B, C and D to allow for students counted in more than one category.

(b) Final year honours students only.

(c) Excluding 129 males and 21 females taking another course as principal course.

(d) Excluding 74 males and 34 females taking another course as principal course.

(e) Excluding 33 males and 47 females taking another course as principal course.

Comparison with preceding years: The following figures of total enrolments in the various faculties and courses furnish some indication of the growth of the University over the last five years.

	1959	1960	1961	1962	1963
Arts	1,703	1,776	1,871	2,010	2,194
Education (Master's Degree)	—	—	11	13	17
Education (Postgraduate diploma)	138	129	153	199	225
Economics	355	348	368	394	421
Public Administration	45	45	44	53	45
Business Management	—	—	—	—	4
Science	777	909	992	1,107	1,233
Agricultural Science	101	102	97	100	118
Engineering	426	456	480	457	464
Law	121	149	180	235	279
Medicine	526	560	613	617	636
Medical Science	1	4	5	8	2
Dentistry	67	80	85	109	123
Music (Degree and Diploma)	45	49	46	58	54
Music (Elder Conservatorium)	414	387	405	440	415
Technology	449	492	528	563	578
Applied Science	—	—	46	49	67
Architecture	63	80	106	111	128
Town Planning	—	—	—	10	10
Physical Education	63	55	79	98	133
Social Studies	52	70	90	119	118
Physiotherapy	68	61	74	77	85
Pharmacy	184	196	193	215	210
Optometry	7	10	7	8	7
Home Science (S.A.I.T.)	25	45	31	31	44
Ph.D. Candidates	84	107	151	183	221
Totals	5,714	6,110	6,655	7,264	7,831

Overseas Students: There were 396 overseas students (including 73 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Science 90, Engineering 70, Medicine 53, Arts 32, Economics 25, Architecture 18, Dentistry 16, Technology 14, Law 8, Social Studies 5, Agricultural Science 4, Science (Forestry) and Applied Science each 3; Physical Education and Physiotherapy each 2, Pharmacy 1. Of the other 50 students, 47 were proceeding to the degrees of Ph.D (32), M.E. (7), M.Ag.Sc. (3), M.A., M.Sc., M.App.Sc., M.D.S., and M.Arch., and the remaining 3 were taking subjects for courses at the South Australian Institute of Technology.

One hundred and sixty-five of these students came from Malaya, 79 from Singapore, 34 from Hong Kong, 17 from Indonesia, 15 from North Borneo, 10 each from Sarawak, Thailand and Vietnam, 9 from the United States of America, 7 each from New Zealand and the United Kingdom, 5 each from India and South Africa, 4 each from Canada and Pakistan, 3 each from Cambodia, Fiji and Jamaica, 2 from Sudan, and 1 each from Ceylon, Chile, Taiwan and Zanzibar. One hundred and two of them (including 45 from Malaya and 14 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*	—	2	—	—	—	1	3
Commonwealth Scholarship ..	706	34	—	277	12	—	1,029
Leaving Bursary	57	—	—	15	—	—	72
Commonwealth Scholarship and Leaving Honours Bursary ..	13	—	—	3	—	—	16
Commonwealth Scholarship and others	51	3	—	2	1	—	57
Leaving Bursary	54	—	—	17	—	—	71
Leaving Bursary and Teachers' College	26	1	—	15	2	—	44
Leaving Honours Bursary ..	21	—	—	3	—	—	24
Leaving Honours Bursary and Teachers' College	2	—	—	6	—	—	8
Teachers' College	556	256	—	277	286	—	1,375
Education Department (teachers)	3	356	223	—	164	74	820
Colombo Plan	69	1	—	17	1	—	88
S.A. Government Cadetship or Studentship	119	14	—	7	2	—	142
Commonwealth Government Cadetship or Studentship ..	126	18	—	4	—	—	148
Others	147	173	2	44	58	—	424
Total Assisted Students	1,950	858	225	687	526	75	4,321
Unassisted Students	1,061	1,002	18	375	174	12	2,642
Total Students	3,011	1,860	243	1,062	700	87	6,963

* 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 1963 was 310,441, accessions for the year being 27,952 (including 809 catalogued pamphlets). The number of withdrawn volumes for the year was 304. Students, graduates and academic staff borrowed for home-reading 115,433 books (including 8,646 reserved books borrowed overnight and at week-ends). The corresponding total for 1962 was 114,237.

The number of external students in the Faculty of Arts who joined the Country Lending Section was 101 and they borrowed 656 volumes by post. The number of volumes lent to libraries in other States increased to 2,633. From these libraries the Barr Smith Library borrowed 892 volumes.

Waite Institute Library: The Library added 993 volumes and 13 pamphlets during 1963, making the total holdings 17,792 and 958, respectively.

Evening Lectures: Evening lectures were given in the following subjects: Biology, Chemistry I, Commercial Law B, Comparative Philology, Comparative Education, Economics II, Economic Development II, Economic Geography, Education, Educational Psychology II, Elements of Accounting, English I and II, Financial Accounting, French I, General Mathematics, General Physics, Geography I and III, Geology I, German I and IIIB, History IA, IIB, IIIA and IIIB, History of Education I and II, History of Pharmacy, Hygiene, Latin I, Mathematics (Economics), Philosophy I, Physics I, Politics IIA and IIIB, Psychology I, IA, IIA and IIIB, and Social Work II.

Department of Adult Education: The Board of Adult Education conducted 61 Tutorial Classes and three Extension Courses. Four classes were held in the suburbs and sixty in the city either at the University or in the W.E.A. Centre in South Terrace.

The Twelfth Annual Summer School for adults (seven days) was held at St. Ann's College and Summer Schools on Drama (Mt. Lofty) and Painting and Sculpture (Adelaide) were also organised during the summer vacation. The Spring School was held in the Lake Eyre district. Other schools and seminars organised covered such subjects as Business Administration, Town Planning, Local History, History for Teachers and a School for Writers.

Lectures were given in fifteen country towns and centres during the year, including the annual series of lectures on Australian Literature arranged in co-operation with the Commonwealth Literary Fund. A discussion course on Thailand was arranged in co-operation with the Country Women's Association and 32 groups within the branches of the Association participated. Music recitals were arranged in 14 country centres and two travelling art exhibitions were toured. A special experiment during the year was the introduction of a series of educational television programmes arranged with NWS Channel 9.

Aggregate enrolments were as follows: Classes arranged jointly with the Workers' Educational Association, plus University Extension courses, 2,622; special schools and conferences, 1,300; discussion courses, 320.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 2,173 at the Supplementary Leaving Examination in February; 13,451 at the Intermediate Examination in November; 9,884 at the Leaving Examination in November; 2,390 at the Leaving Honours Examination. These numbers maintain the rapid rate of increase experienced in recent years, the greatest relative increase in 1963 being in the number taking the Leaving Honours Examination. The growth of the number of candidates for the Public Examinations since 1957 is shown in the following table, from which some indication of the trend of new enrolments at the University in the next few years may be obtained.

CANDIDATES AT PUBLIC EXAMINATIONS, 1957-1963

	1957	1958	1959	1960	1961	1962	1963
Intermediate	6,811	7,684	8,910	9,967	11,577	12,988	13,451
Leaving	3,990	4,852	5,740	6,434	7,315	8,765	9,884
Leaving Honours	664	880	1,159	1,450	1,607	1,856	2,390

The examinations were held at 76 metropolitan schools and colleges and in country towns and districts at 86 schools and 28 other centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,586 entries in theory and 4,641 in practice of music, 224 in musical perception, and 52 in speech and drama.

20. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At the Meeting of the Council on February 22, 1963:

	Males	Females	Total
B.E.	1	—	1

At the Annual Commemoration Ceremony on April 6, 1963:

M.D.	1	1	2
M.B., B.S.	59	10	69
M.B., B.S. (<i>ad eundem gradum</i>)	4	1	5
B.Med.Sc. Honours	7	—	7
M.E.	4	—	4
B.E. Honours	14	—	14
B.E.	28	1	29
B.E. (<i>ad eundem gradum</i>)	1	—	1
B.App.Sc. (Honours)	1	—	1
B.Ec. Honours	3	—	3
B.Ec.	15	3	18
B.Ec. (<i>ad eundem gradum</i>)	1	—	1
Diploma in Public Administration	2	—	2
Diploma in Arts and Education	58	53	111

At the Annual Commemoration Ceremony on April 24, 1963:

	Males	Females	Total
D.Sc. (<i>ad eundem gradum</i>) - - - 1	—	—	1
M.Sc. - - - - - 13	3	—	16
B.Sc. Honours - - - - - 44	5	—	49
B.Sc. - - - - - 108	32	—	140
LL.B. Honours - - - - - 1	—	—	1
LL.B. - - - - - 24	2	—	26
B.Arch. Honours - - - - - 4	—	—	4
B.Arch - - - - - 7	1	—	8
Mus.Bac. - - - - - 1	—	—	1
Ph.D. - - - - - 16	2	—	18
Ph.D. (<i>ad eundem gradum</i>) - - - 13	—	—	13
Diploma in Music - - - - - 2	4	—	6
Diploma in Physical Education - - - 2	4	—	6
Diploma in Physiotherapy - - - - -	16	—	16

At the Annual Commemoration Ceremony on May 11, 1963:

M.A. (<i>ad eundem gradum</i>) - - - 5	1	—	6
B.A. Honours - - - - - 15	21	—	36
B.A. - - - - - 27	40	—	67
B.A. (<i>ad eundem gradum</i>) - - - 2	—	—	2
B.Ag.Sc. Honours - - - - - 4	—	—	4
B.Ag.Sc. - - - - - 10	—	—	10
M.D.S. - - - - - 2	—	—	2
B.D.S. Honours - - - - - 2	—	—	2
B.D.S. - - - - - 5	1	—	6
B.D.S. (<i>ad eundem gradum</i>) - - - 1	—	—	1
B.Tech. - - - - - 51	—	—	51
B.App.Sc. - - - - - 3	—	—	3
Diploma in Education - - - - - 28	14	—	42
Diploma in Social Studies - - - - 6	13	—	19
Diploma in Pharmacy - - - - - 17	8	—	25

At the Meeting of the Council on June 28, 1963:

B.Sc. - - - - - 1	—	—	1
B.E. Honours - - - - - 2	—	—	2
B.E. - - - - - 1	—	—	1
M.B., B.S. - - - - - 5	—	—	5
B.D.S. - - - - - 1	—	—	1
Ph.D. (<i>ad eundem gradum</i>) - - - 2	—	—	2
Diploma in Arts and Education - - - 2	—	—	2

At the Special Congregation on September 10, 1963:

D.Sc. (<i>ad eundem gradum</i>) - - - 1	—	—	1
---	---	---	---

At the Meeting of the Council on November 29, 1963:

	Males	Females	Total
B.E. - - - - -	1	—	1

At the Meeting of the Council on December 20, 1963:

M.B., B.S. - - - - -	2	—	2
M.B., B.S. (<i>ad eundem gradum</i>) - - -	1	—	1
B.D.S. - - - - -	1	1	2
Ph.D. - - - - -	2	—	2

Totals: 44 candidates were admitted to higher degrees by examination or thesis, 22 were admitted to such degrees *ad eundem gradum*; 565 bachelor degrees were conferred by examination and 11 by admission *ad eundem gradum*; and 229 diplomas and 1 Final Certificate in Law were awarded.

21. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1963 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 1963.

Signed on behalf of the Council,

G. C. LIGERTWOOD,

Chancellor.

Adelaide,
7th September, 1964.

COMMEMORATION ADDRESSES, 1964

The Annual Commemoration ceremonies were held on April 4 and 22 and May 9, 1964.

In opening the proceedings on April 4, the Chairman of the Education Committee, Professor D. O. Jordan, said:

Mr. Chancellor, Mr. Vice-Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

For almost twenty years the University of Adelaide, in common with most universities throughout the world, has been subject to pressure. A number of compelling and competing demands have been brought to bear on the University forcing those in authority to make historic decisions. However much we may wish for a calm and stable order of things—and there was a time, so we are told, when such a state prevailed in the University—we should realise that within these strains and tensions that confront us, there lies the hope of progress. If the University responds with vigour and with purpose it may attain greater heights of achievement than ever before.

I shall now consider some of these conflicting demands on which decisions have been or must be made and out of which new developments may come.

The Australian universities have developed out of the British university system where the emphasis has been strongly on quality rather than quantity. Historically, however, the Australian universities have accepted all persons qualified to enter and the University of Adelaide, with the exception of one Faculty, still admits without restriction all South Australians who meet its matriculation requirements. The conflicting pulls of quantity and quality have been met by increases in the number of academic staff and by enlarged and improved accommodation. Although these measures may appear adequate when viewed as cold, impersonal statistics, that close relationship between teacher and pupil once regarded as an essential part of university life is inevitably lost when lectures are given to large numbers and perhaps repeated three or more times. The absence of the opportunity for critical discussion in much of our teaching is as unfortunate as it is unwise. I do not suggest that we should return to the single-pupil tutorial that once formed a major part of the teaching in the older universities of England and abandon the lecture system even though the introduction of the tutorial system is regarded by many as a panacea which will solve all our teaching problems. As the Robbins Report on Higher Education in Britain states, this method was invented for educating a small elite, is costly and wasteful of the teacher's time and for many undergraduates could prove too exacting. But any system, whether it be called tutorial or by another name, which ensures that the pupil comes into personal contact with his teachers so that his problems can be discussed with sympathy, is worthy of trial. It is significant that a recent survey of teaching methods in Australian universities conducted by the Vice-

Chancellors' Committee shows that of all the changes in teaching methods which have been tried of recent years, only the introduction of the tutorial in one or other of its many forms has won widespread acceptance. Our critics might add that the description of the tutorial as an "innovation" by the writers of this report is an indication of the sorry state of some of our teaching. This realisation of the shortcomings of our teaching methods and the evident urge to experiment shows how the pressure of numbers has given increased energy to the concern for quality.

Since the Second World War, Australia has become increasingly aware of her responsibilities to her less fortunate and less well developed neighbours. Thus at a time when it has become increasingly difficult to find space and staff for our own students, Australian universities have been asked to open their doors to numbers of students from countries in which educational opportunity is limited. This pressure, at first strong in the undergraduate schools, is now making itself felt at the graduate level. This is a most welcome pressure and it is right that we should accept students from Asia and we enjoy their presence among us. Not only do they attain the education and qualifications they desire and which fit them for aiding the development of their own countries, but their presence among us has helped to dispel much of our own ignorance of non-western societies.

It is traditional that universities should not only teach but carry out research. They should not only discuss critically and evaluate what is known, but seek the unknown and train the best minds in the methods of research. I use the term "research" here in the same sense as used in the Robbins Report, as a convenient portmanteau word to cover the wide range of intellectual activities that serve to increase man's power to understand, evaluate and modify his world and his experience. This introduces another tension, the dual demand on our universities for teaching and research. From time to time the suggestion is made, in Australia generally when the failure rate in first-year classes is under review, that universities place too much emphasis on research and too little on teaching. This represents a false view of university scholarship and nothing could be more damaging to our universities than a reduction of their research effort. Teaching and research pursued together in effective interaction produce a harmony that cannot be achieved separately; they mutually generate an atmosphere of learning that invigorates and gives added point to both. Exceptions no doubt there are, but over the years the deepest educational influences have come from men who are pressing forward with their own studies and investigations. An academic staff vigorously and enthusiastically pursuing research is the only kind of staff capable of infusing intellectual curiosity, excitement and discipline into its teaching. To such a staff undergraduate teaching is no old routine or casual undertaking. It is most gratifying to know that this view is also held by the members of the Australian Universities Commission, who in their second report write: "The Commission's sole concern is that research, in its fundamental context, shall expand in extent and develop in expertise".

I wish to mention one other tension on our universities, one which has become increasingly evident in recent years. It is the balance

between detachment and what the Americans call involvement. For the university to achieve its purpose in teaching and research, it needs to be a place of relative detachment where quiet reflection and uninterrupted study can flourish. But the university must be alert and sensitive to the pressing needs of our times and to those obligations that lie outside its main task of teaching and research. Governments and other organisations are becoming increasingly aware of the pool of trained minds that exists in universities and the pressure to release men temporarily or occasionally to serve and advise the community outside the university is strong. No university can withhold its staff from such service and there can be few members of the staff of this University who do not spend time and in some cases much time aiding and advising Governments, business and industry in their own specialities. A danger exists, however, that such interruptions, if prolonged or frequent, benefit neither the man nor his university.

I will turn now to the particular pressures which beset our own University. Relief will occur when the University of Adelaide at Bedford Park opens in 1966. Thus the pressure of increasing undergraduate numbers will be reduced for it is planned that the number of undergraduates at the University at North Terrace will not rise appreciably after 1966 and in some Faculties there may indeed be a fall. Such stabilization of the numbers of undergraduates, it is to be hoped, will not mean the end of growth and development at North Terrace. Little physical development in the form of buildings can take place as there is little space left, unless old buildings are replaced by new, but there is much to do improving undergraduate teaching and further developing the postgraduate schools. During the rapid expansion of this University over the last decade, it has been difficult to give sufficient thought to improving teaching methods, to revising curricula, and to developing specialities. As Professor Robson said in his address at the Commemoration in 1962: "For the individual academic this period has meant almost continuous turmoil — ever-changing class numbers and class needs — problems of accommodation, of equipment, of re-arranging timetables, of finding more staff, of estimating and planning for an ever-changing future — a scene far removed from the legendary calm and tranquility of the ivory tower". Although I do not anticipate that we at North Terrace will pass this turmoil of expanding numbers on to our colleagues at Bedford Park, and they have had the time to plan with care for an expanding university, we should with a more stable undergraduate population be able to give thought to some of those problems which through pressure of numbers and of time in the past we have had to shelve. We will require both the urge and the means to re-examine and re-assess our methods and curricula. The academic staff must be increased to give a more favourable ratio with the numbers of undergraduates and to provide those specialities which have hitherto been lacking. Already some steps in this direction have been taken and second chairs in some departments established.

It is to be hoped, however, that it will be in the development of our honours and research schools that future progress at North Terrace will be most marked. Not that our present record is unworthy, as is shown by the presence here this morning of those who will receive their doctorates. To be most effective research schools

must be able to draw on the experience and skills of scholars from other universities and to be stimulated by the presence of scholars whose stay in the University may be short. This calls for the introduction of research scholarships and fellowships on a scale comparable with overseas universities. It is good to know that already the University has taken the first steps in such development.

In university development, as with true scholarship, there is no room for complacency or self-satisfaction. We may have to prune as well as nourish, but our guide must always be our determination to excel.

In opening the proceedings on April 22, the Vice-Chancellor, Mr. H. B. Basten, said:

Mr. Chancellor, Mr. Deputy Chancellor, Members of the Council and Senate of the University, Ladies and Gentlemen:

It is a tradition that I should, each year, draw your attention to events of importance in the life and work of the University which have occurred during the year gone by. But the University is growing so fast that it would occupy too much of your time if I were to include all events of the kind which, by tradition, have hitherto been mentioned in my address. I ask those of you who notice the omissions to be indulgent.

Two of our colleagues died in 1963, each in their different ways having earned the University's gratitude. One was Dr. Ray Hone. He was 66 when he died. He had taught pathology and medicine in the University almost continually between 1930 and 1956. Moreover, he was, for a year at the end of the war, Director of Medical Studies. For the last 14 years of his life he was a member of the Council. I have not exhausted the list of his services to the University, but I wish to add that we knew and shall remember and value him as a pugnacious exponent and defender of his views which, if they were orthodox, were only so by chance. His thinking was always original.

The other loss we suffered was Professor Morton. He died in his prime, at the height of his powers. His brilliance as a scientist has been beautifully described by scientists of great distinction, but the University would wish me to pay a tribute to the warmth and vitality of his personality; to the inspiration which he gave to his students, his colleagues and all his friends. We offer our condolences to his wife and his young sons.

Among the resignations of the year were those of Dr. J. N. Black, Reader in Agronomy; Mr. G. Szekeres, Reader in Pure Mathematics, and Dr. B. O. West, Reader in Inorganic Chemistry. We much regret their going, but we congratulate all of them on their appointment to Chairs in other universities and we hope they will find success and happiness in their new appointments.

During the past twelve months our academic life has been strengthened by the appointment of no less than fourteen new professors and

three others of professorial rank. Of these, seven are for Bedford Park and two for the Waite Institute. We welcome them all with cordiality.

To those who have retired during the year we offer our thanks for their service to the University and our warm good wishes for their happiness in retirement. To the Librarian Emeritus, Mr. Cowan, who for 30 years governed the Barr Smith Library, to Mr. Fuller, who for 40 years served science in the University in many ways, and to Mr. Gooden, Secretary of the Waite Institute, who befriended its scientists from soon after its establishment, we owe an inextinguishable debt.

A number of our colleagues were honoured during the year. The Chancellor became a Doctor of Laws in the University of Western Australia; Professor Bishop, a Doctor of Music in the Universities of Melbourne and Adelaide; Professor R. N. Robertson became a foreign member of the United States Academy of Sciences, and Mr. Szekeres a Fellow of the Australian Academy of Science; Sir Ivan Jose, a member of the Council, former Dean of the Faculty of Medicine, was knighted, and so were two Professors Emeriti, Sir John Cleland, formerly Professor of Pathology, and Sir Leonard Huxley, now Vice-Chancellor of the Australian National University and formerly Elder Professor of Physics. We offer them all our warm congratulations.

To this incomplete record of personal events, may I add that the Senate again elected Dr. R. G. Willoughby to be its Warden and Mr. Alan Lendon to be a member of the Council; for many years Mr. Lendon taught in the Medical School and was Director of Surgical Studies from 1954 to 1958.

The more important material manifestations of the University's growth were the completion during the year of the Fisher Laboratories for Zoology and Genetics; a new building for Physical and Inorganic Chemistry, an extension of the Engineering Buildings which will house, among other things, the computing centre, and a new building at Mackinnon Parade for the Department of Physical Education. The Napier Building ought to have been finished, but will not be so till about June. The Council has arranged for the restoration of the important area between the Napier Building and North Terrace to be designed by Professor Gordon Stephenson.

Towards the end of the year work on the site was begun at Bedford Park: the first manifestation of the beautiful and efficient site plan evolved by Professor Gordon Stephenson in association with Mr. Harrison, our own staff architect for Bedford Park. Buildings for the schools which are to open at Bedford Park in 1966 were designed during the year and the sketch plans have been approved by the Australian Universities Commission. Academic planning is beginning to take shape and I am confident that Professor Karmel's great abilities will enable us to be ready to take students there at the planned time. Nevertheless, the programme is such that no lost time whatever can be afforded.

Between 1963 and 1966 the State and Commonwealth Governments will have provided capital grants of about £3 million and recurrent grants of about £1 million for Bedford Park. For North Terrace and

the Waite Institute, the State Government in 1963 once more enabled us to attract the maximum Commonwealth Grant available and is to do so again in 1964. The University is grateful not only for this but also for the expeditious and co-operative way in which its considerable financial operations have been handled in the Treasury.

The scale of grants is that which is recommended by the Australian Universities Commission and I want to draw special attention to one topic in the report of the Commission which was published last November. A sum of £1 million is allocated to expenditure on research in 1964. Of this Adelaide University has been given £110,000. The Commission makes it clear that the grant is for the general support of the research schools of the Universities and that this support is offered not merely because it sees the research schools as the training ground for future members of the teaching staff. It draws attention to the fact that research is supported by a variety of institutions in Australia and it commends the system. I agree with this view. But an analysis of the support received in 1963 by the University of Adelaide suggests that there are two important gaps in the structure. From sources other than Government grants, we received about £300,000. Of this sum, nearly £50,000 came from the United States Government. The United States has recently adopted policies which seem likely to diminish greatly its support of research in countries other than the United States. About half of the remainder was for the support of specific projects which promised applications for primary industry and health. Insufficient funds are available for research projects in the Social Sciences, and in the Arts. Insufficient funds are available for the projects of natural scientists who want to make investigations which lack obvious applications for primary industry or health. What may be needed is a National Research Foundation which will fill the gaps and will, I hope, be supported not only by Governments, but also by secondary industry. With some bright exceptions, secondary industries do not contribute much to research in Australia, although they must in time benefit from it.

May I conclude by drawing attention to a change in our national outlook which has appeared in the past five or six years and is significant for the Universities? It arises out of my remarks on research.

In August, 1955, Professor Partridge, who occupies with so much distinction the Chair of Social Philosophy in the Australian National University, read a paper to the delegates attending an inter-university conference organised in Australia by the Association of Universities of the British Commonwealth.

Speaking in general terms of Australian universities, he said: "In the period between the wars, the universities were not very munificently provided for. . . . Staffs in relation to student numbers were very small; the emphasis was very strongly on mass undergraduate teaching; there was very little provision for postgraduate study; and there was not a great deal of research. . . . Now, it is probably true that some of the deficiencies were due to the lack of encouragement by governments as the main source of funds. . . . Neither in political circles nor elsewhere has there been much understanding of, or sympathy for, the conception of the university as a centre of original research or scholarship."

These words were spoken in 1955. In 1955 this University spent £43,000 on research. In 1964, it will spend £251,000. These are the funds provided from Government grants alone. The funds obtained from other sources have also risen notably. In the research schools of the University young men and women are given the opportunity to cultivate originality of thought. I believe that public awareness of the importance of research is growing; and that this is evidence of Australia's growing maturity. A capacity for original work and original thinking is the characteristic which always appears in countries which are entering on a phase of great national achievement. Originality in thinking and freshness in observing do more than bring about scientific discoveries. They are also the source of high quality – the quality of genuine creativeness – in the artistic and political life of a nation.

Proceedings at the ceremony on May 9 opened with the admission by the Deputy Chancellor, Sir Kenneth Wills, of the Chancellor, the Hon. Sir George Coutts Ligertwood, to the degree of Doctor of Laws *ad eundem gradum*. The Chancellor then addressed the congregation and said:

Your Excellency and Lady Bastyan, Mr. Deputy Chancellor, Mr. Vice-Chancellor, Mr. Warden and Ladies and Gentlemen:

My first duty is to welcome His Excellency and Lady Bastyan to our ceremony and to thank them for sparing us their patronage amid the busy life they lead in the interests of the people of South Australia.

For technical reasons the degree which I received in Perth last November was a condition precedent to our Council's inviting me to take this degree today – an invitation of which I am deeply appreciative.

When last year the Vice-Chancellor of the University of Western Australia asked me to accept a doctor's degree, he said that his University at its Golden Jubilee Celebrations wished to honour the University of Adelaide, through me as its Chancellor, for its help over a long period. It is true we had given the University of Western Australia significant help. For nearly 20 years before its foundation in 1913, we had allowed Western Australian secondary school students to sit in Perth for our annual public examinations. Then for 40 years after 1913, we undertook the education in Adelaide of practically all the Western Australian medical students. We would have as many as 75 of them studying here at the one time. A goodly number settled in St. Mark's.

In the medical world, similar services were rendered by Melbourne to Tasmania and by Sydney to Brisbane.

These were among the first evidences of fellowship between the universities of the several States. There were, of course, other evidences but they were tentative and unsystematic. Each university was wrapped up in its own domestic problems which were manifold. As between universities the note was one of isolation and neither they nor their Governments achieved a national outlook. The Federal Government's interest was negligible, being confined to moderate grants for scientific research.

World War II brought a change. The Federal Government was successively compelled to take note of the national importance of university education, first to produce rapidly trained personnel for the armed services, second, to rehabilitate returning service men and women, and, third, to meet an anticipated flood of a new generation of young people who, in fact, invaded the universities from 1960 onwards.

The Commonwealth Parliament sought to resolve the rapidly changing situation by annual grants to the State Governments, but they were by no means adequate for the purpose.

I remember in 1956 listening over the air to a debate in the Federal Parliament on a Bill for a grant of £2,000,000 to the States for university purposes. The speeches were unanimously in favour of the Bill and more than one speaker preened himself on his magnanimity in supporting such a generous proposal. But there was one member who did not preen himself and that was the Prime Minister, Sir Robert Menzies. He realised the magnitude of the task which faced the universities and the State Governments. Towards the end of 1956, in a statesmanlike move, he invited Sir Keith Murray, Chairman of the University Grants Committee in Great Britain, to head a committee consisting of himself and a colleague from England and three Australians, to enquire into the future of Australian universities.

The Committee was bidden to proceed on national lines—to enquire into the present state of the universities and to indicate how best they could be developed in the interests of the Australian community and its expanding economy.

The Committee did what they were asked and in a momentous report of September, 1957, produced after only three months of intensive work, they summarised our many defects, indicated how they could be remedied and suggested immediate lines of development to serve the national needs.

The Committee's recommendations involving the expenditure of large sums of money were accepted by the Federal and State Governments. They covered the next succeeding triennium—the years 1958 to 1960.

But what can now be seen as the most important recommendation of the Murray Committee was that a permanent Commission ought to be established in Australia to carry on the enquiries into the future of Australian universities and to make recommendations for their continuous orderly development.

Hence, by an Act of the Federal Parliament passed on the 27th May, 1959, the Australian Universities Commission (inevitably called the A.U.C.) was born. At very great self-sacrifice on the part of its members, it has functioned continuously ever since. As in the case of the Murray Committee, its terms of reference were on national lines. This is what the Act says: "The Commission shall perform its functions with a view to promoting the balanced development of universities, so that their resources can be used to the greatest possible advantage of Australia."

The A.U.C. has produced two Reports covering the triennia of the years 1961 to 1963 and 1964 to 1966. It must necessarily work ahead of the times. It has already called for material from the universities for the next triennium. Meantime it is engaged on a massive consideration of tertiary education in general.

The Murray Report and the two Reports of the A.U.C. form a fascinating trilogy upon Australian universities and their expansion and development. If only you could get rid of the statistics — which, of course, you can't — they could be a literary trilogy as well, for they contain some pertinent passages upon the objects and ideals of university education.

The result of all this has been that the universities of the States, while retaining their several individualities, have been integrated into an Australia-wide community, operating and developing on orderly lines, "for the greatest possible advantage of Australia".

The credit for initiating this movement of integration must go to the Prime Minister, Sir Robert Menzies, and it has been brought to full fruition by the co-operation of the State Premiers and their Ministers of Education and other members of Cabinet. The development has involved large sums of money, of which from their own resources the States contribute more than the Commonwealth — in capital expenditure the ratio is 1 to 1, but in recurrent or annual expenditure, the ratio is 1 by the Commonwealth to 1.87 by the States. State university education is still within the powers reserved by the Constitution to the States. The Commonwealth contribution comes by way of grants to the States under Section 96 of the Constitution.

The creation of a Community of Universities in Australia in the national interests has been a great achievement, entirely changing the outlook of governing bodies, such as our Council, of administrators, such as our Vice-Chancellor, of staff and of students.

Also, it has had another important effect. It has enhanced the status of Australian universities in a still larger community of universities of which they individually are members, namely, The Association of Commonwealth Universities (inevitably shortened to the A.C.U.).

The A.C.U., which is an incorporated body under Royal Charter, comprises more than 130 members — all of them universities or university colleges in practically all member countries of the British Commonwealth of Nations, and all founded on basic academic principles which are distinctly British and the majority using a common vehicle of communication — namely, the English language.

The Association holds a Congress of its members every five years. Last year it met in London under the patronage of Her Majesty the Queen Mother who is the Chancellor of London University. In 1958 it met in Montreal. In 1968 it will meet in Australia. We have been appropriately represented by our Vice-Chancellor and others.

Between Congresses, the Executive Committee of the Association meets every two years or so in Commonwealth countries. In 1955 they were in Australia and in 1962 in New Zealand.

The Association is a powerful force in keeping alive common cultural traditions and ideals, common canons of criticism and common assumptions in the aims of education, all of which stem largely from Great Britain. In addition, its Executive provides a ready medium for securing the circulation of university personnel throughout the British Commonwealth. Its services in facilitating staff appointments are invaluable. So, also, it lends its organising aid in the administration of scholarships and the care of scholars under a diversity of foundations.

It has been said recently by some pessimists that we have witnessed the decline and fall of the British Empire, that the British Commonwealth of Nations as its successor is a farce and that "the Commonwealth has almost ceased to be a force for good in the world".

No doubt the people who say these things are convinced that they have evidence to support them. But there is certainly evidence to the contrary in the Community of the Universities of the British Commonwealth of Nations. If you wish for an elaboration of that evidence, I refer you to a book of only 100 pages called "Community of Universities", written in 1963 by Sir Eric Ashby, a noted figure in the academic world and a former Vice-Chairman of the A.C.U. Whatever happens in other spheres, the British Commonwealth will surely survive in its community of universities "as a force for good in the world". I trust that this is not an idle prophecy, because it is among our graduates that we hope to find our future leaders.

BIBLIOGRAPHY FOR 1963

OF PUBLICATIONS BY

MEMBERS OF THE UNIVERSITY STAFF AND RESEARCH WORKERS.

- ABBIE, ANDREW ARTHUR, M.D., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P., F.R.A.I., Elder Professor of Anatomy and Histology.
Comment on 'Quantitative description of body composition: physical anthropology's "fourth" dimension', by J. Brozek. *Current anthrop.* 4 (1963), 17-18.
Cranial centre. *Z. Morph. Anthrop.* 53 (1963), 6-11.
Criteria for the comparison of skulls. *Nature* 199 (1963), 101.
Origin and antiquity of Australian aborigines. Centenary of the opening of the Tasmanian Museum and Art Gallery. (1963), 19-20.
Rudolf Pösch. *Oceania* 33 (1962), 128-130.
- ALDERMAN, ARTHUR RICHARD, Ph.D., D.Sc., F.G.S., Professor of Geology and Mineralogy.
A dolomite reaction series (*with* C. C. von der Borch). *Nature* 198 (1963), 465-466.
- ALDOR, THOMAS ARTHUR MENACHEM, M.B., B.S., Research Fellow in Surgery.
A Survey of medical admissions to a new general hospital (*with* John Watson). *Med. jour. of Aust.* 2 (1963), 570.
- ALLEN, PETER EDWARD MARSHALL, D.Sc. (Birm.), Lecturer in Physical and Inorganic Chemistry.
Electron spin resonance studies of some complexes derived from dicyclopentadienyl-titanium dichloride and trialkyl aluminiums. *Trans. of the Farad. Soc.* 59 (1963), 1808-1814.
Kinetics of radical polymerisation at high conversion. *Trans. of the Farad. Soc.* 59 (1963), 1819-1826.
Kinetics of the reaction of metal alkyl compounds with alkenes. Part I *Trans. of the Farad. Soc.* 59 (1963), 2080-2089.
- ASPINALL, DONALD, Ph.D. (Nott.), Lecturer in Plant Physiology.
The control of tillering in the barley plant. II The control of tiller bud growth during ear development. *Aust. jour. of biol. sci.* 16 (1963), 285-304.
- ATKINSON, MAURICE RAYMOND, Ph.D. (Tas.), Reader in Protein Chemistry.
Inhibition of inosine 5'-phosphate dehydrogenase of Ehrlich Ascites-tumour cells by 6-thioinosine 5'-phosphate (*with* R. K. Morton and A. W. Murray). *Biochem. jour.* 89 (1963), 167.
Isomeric methoxyindolyl glucosiduronic acids in melanotic urine. *Biochim. et biophys. acta* 74 (1963), 154-155.
Nicotinamide nucleotide coenzymes and glucose metabolism in the livers of foetal and new-born lambs (*with* O. H. Filsell, I. G. Jarrett, P. Caiger and R. K. Morton). *Biochem. jour.* 89 (1963), 92.
- AUZINS, IEVA, B.Sc., Research Worker in Microbiology.
Factors involved in the adherence of *S. typhimurium* C5 and mouse peritoneal macrophages (*with* D. Rowley). *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 539-546.
- BADGER, GEOFFREY MALCOLM, M.Sc. (Melb.), Ph.D. (Lond.), D.Sc. (Glas.), F.R.I.C., F.R.A.C.I., F.A.A., Professor of Organic Chemistry.
Arsenobenzene and related compounds (*with* R. J. Drewer and G. E. Lewis). *Aust. jour. of chem.* 16 (1963), 285-288.
The condensation of cyclohexanone and anthranilic acid (*with* R. W. Hinde, W. E. Matthews and T. M. Spotswood). *Aust. jour. of chem.* 16 (1963), 732-733.
The formation of aromatic hydrocarbons at high temperatures. Part XV. The pyrolysis of 2,2,4-trimethylpentane ("iso-octane") (*with* J. K. Donnelly and T. M. Spotswood). *Aust. jour. of chem.* 15 (1962), 605-615.
The formation of aromatic hydrocarbons at high temperatures. Part XVI. The pyrolysis of [1-¹⁴C]tetralin (*with* R. W. L. Kimber and J. Novotny). *Aust. jour. of chem.* 15 (1962), 616-625.

- The formation of aromatic hydrocarbons at high temperatures. Part XVII. The pyrolysis of petrol (*with* J. K. Donnelly and T. M. Spotswood). Aust. jour. of chem. 16 (1963), 392-400.
- The formation of aromatic hydrocarbons at high temperatures. Part XVIII. The pyrolysis of n-decane (*with* J. Novotny). Aust. jour. of chem. 16 (1963), 613-622.
- The formation of aromatic hydrocarbons at high temperatures. Part XIX. Pyrolysis of [δ - 14]butylbenzene (*with* J. Novotny). Aust. jour. of chem. 16 (1963), 623-635.
- Isolation of N,N-dimethyl 4-methoxyphenylethylamine from *Teclea simplicifolia* (*with* B. J. Christie and H. J. Rodda). Aust. jour. of chem. 16 (1963), 734-735.
- The mode of formation of 3,4-benzopyrene at high temperatures (*with* J. Novotny). Nature 198 (1963), 1086.
- Polynuclear heterocyclic systems. Part XV. Dihydroquinoxalino[2,3-b]-quinoxalines (*with* P. J. Nelson). Aust. jour. of chem. 16 (1963), 445-450.
- Reaction of naphthyl radicals with naphthalene (*with* C. P. Whittle). Aust. jour. of chem. 16 (1963), 440-444.
- The structures of rotundifoline and mitragynol (*with* L. M. Jackman, R. Sklar and E. Wenkert). Proc. of the Chem. Soc. 1963, 206.
- Studies on the Doebner-Miller, Skraup and related reactions. Part I. Isolation of intermediates in the formation of quinolines (*with* H. P. Crocker and others). Aust. jour. of chem. 16 (1963), 814-827.
- Studies on the Doebner-Miller, Skraup and related reactions. Part II. Preparation and cyclisation of 4-(2'-nitroanilino)butan-2-one (*with* B. C. Ennis and W. E. Matthews). Aust. jour. of chem. 16 (1963), 828-832.
- Studies on the Doebner-Miller, Skraup and related reactions. Part IV. Intermediates and by-products in the preparation of 1,10-phenanthrolines (*with* H. P. Crocker and B. C. Ennis). Aust. jour. of chem. 16 (1963), 840-844.
- Thin layer chromatography using partially acetylated cellulose as adsorbent (*with* J. K. Donnelly and T. M. Spotswood). Jour. of chromatography 10 (1963), 397-398.
- Molecular rearrangements in heterocyclic compounds (*with* J. W. Clark-Lewis). Chapter 10, p.617-654, in "Rearrangements in organic compounds" (Ed. P. de Mayo) N.Y. Interscience, 1963.
- The action of metal catalysts on pyridines (*with* W. H. F. Sasse). p. 179-197 in "Advances in heterocyclic chemistry" vol. 2. (Ed. A. R. Katritzky). N.Y. Academic Press, 1963.
- BARLEY, KEITH PERCIVAL JOHN, M.Agr.Sc. (Melb.), Senior Lecturer in Agronomy. The effect of a small axial pressure on the growth of the epicotyl of *Vicia faba* var. *minor* Beck (*with* R. H. Sedgley). Aust. jour. of biol. sci. 16 (1963), 19-27.
- Influence of soil strength on the growth of roots. Soil sci. 96 (1963), 175-180.
- BARRETT, MURRAY JAMES, M.D.S., Reader in Prosthetic Dentistry. Dental observations on Australian aborigines: mesiodistal crown diameters of permanent teeth (*with* T. Brown and M. R. Macdonald). Aust. dent. jour. 8 (1963), 150-155.
- Dental observations on Australian aborigines: mesiodistal crown diameters of deciduous teeth (*with* T. Brown and J. I. Luke). Aust. dent. jour. 8 (1963), 299-302.
- Dental observations on Australian aborigines: a roentgenographic study of prognathism (*with* T. Brown and M. R. Macdonald). Aust. dent. jour. 8 (1963), 418-427.
- BARTON, ALLAN DOUGLAS, Ph.D. (Camb.), B.Com. (Melb.), Senior Lecturer in Commerce. A theory of the growth of the firm—a comment. Econ. record 39 (1963), 367-370.
- BECKWITH, ATHELSTAN LAURENCE JOHNSON, B.Sc. (W.A.), D.Phil. (Oxford), Senior Lecturer in Organic Chemistry. The mechanism of the reaction of ferrocene with free-radical reagents (*with* R. J. Leydon). Tetrahedron letters 6 (1963), 385-388.
- Thiyl radicals II. Reactions of meso-substituted anthracene derivatives with oxygen and mercaptoacetic acid (*with* Low Beng See). Aust. jour. of chem. 16 (1963), 845-853.

- BELL, THOMAS NORMAN, Ph.D. (Durh.), Lecturer in Physical and Inorganic Chemistry.
The reactions of perfluoroalkyl radicals with metals (*with* B. J. Pullman and B. O. West). *Aust. jour. of chem.* 16 (1963), 722-724.
Perfluoroalkyl bismuth compounds. I. Mixed alkylperfluoroalkyl derivatives (*with* B. J. Pullman and B. O. West). *Aust. jour. of chem.* 16 (1963), 636-646.
Photochemical addition of hydrogen sulphide to C₂ olefins (*with* N. L. Arthur). *Jour. of the Chem. Soc.* 1962 4866-4870.
- BENNETT, JOHN HENRY, M.A., B.Sc. (Melb.), Ph.D. (Camb.), Professor of Genetics.
Population genetics of "sex-ratio" (SR) in *Drosophila pseudoobscura*. *Heredity* 17 (1962), 525-531.
Population studies in the kuru region of New Guinea. *Oceania* 33 (1962), 24-46.
Random mating and sex linkage. *Jour. of theoret. biol.* 4 (1963), 28-36.
- BENNETT, RICHARD CLAYTON, M.B., B.S., F.R.C.S., F.R.A.C.S., Senior Lecturer in Surgery.
Desmoid tumour in association with familial polyposis (*with* B. Peach). *Brit. jour. of surg.* 50 (1963), 827.
Late results of haemorrhoidectomy by ligature and excision. *Brit. med. jour* 2 (1963), 216.
The relation of sensation in the anal canal to the functional anal sphincter: a possible factor in anal continence (*with* H. L. Duthie). *Gut* 4 (1963) 179.
The results of internal sphincterotomy for anal fissure (*with* J. C. Goligher). *Brit. med. jour.* 2 (1963), 1500.
- BEST, RUPERT JETHRO, D.Sc., F.R.A.C.I., Reader in Virology.
Infectious phenol extract of tomato spotted wilt virus-infected tissue. *Nature* 200 (1963), 609-610.
Variation in plant viruses. *Proc. of the Plant pathol. conf., C.S.I.R.O. Melb.* 2 (1962), 59-68.
- BLACK, JOHN NICHOLSON, M.A., D.Phil. (Oxford), Reader in Crop Ecology.
The interrelationship of solar radiation and leaf area index in determining the rate of dry matter production of swards of subterranean clover (*Trifolium subterraneum* L.). *Aust. jour. of agric. res.* 14 (1963), 20-38.
Defoliation as a factor in the growth of varieties of subterranean clover (*Trifolium subterraneum* L.) when grown in pure and mixed swards. *Aust. jour. of agric. res.* 14 (1963), 206-225.
The role of time of emergence in determining the growth of individual plants in swards of subterranean clover (*Trifolium subterraneum* L.) (*with* G. N. Wilkinson). *Aust. jour. of agric. res.* 14 (1963), 628-638.
- BLANDEN, ROBERT VINCENT, B.D.S., Teaching Registrar in Dentistry.
Cytochemistry of oral squamous cells. *Jour. of dent. res.* 42 (1963), 9.
- BOETTCHER, BARRY, B.Sc., Research Student in Genetics.
A suggested explanation of some cases of high negative interference and certain mapping anomalies in phage T4B. *Jour. of theoret. biol.* 5 (1963), 108-113.
- BRIGGS, BASIL HUGH, M.A., Ph.D. (Camb.), F.A.I.P., Senior Lecturer in Physics.
Comments on a paper by D. R. Moorcroft and P. A. Forsyth. *Jour. of geophys. res.* 68 (1963), 3738-3739.
Radio star and satellite scintillations (Report of a conference held at Adelaide). *Nature* 200 (1963), 220-221.
On the variation of radio star and satellite scintillations with zenith angle (*with* I. A. Parkin). *Jour. of atmos. and terr. phys.* 25 (1963), 339-366.
Ionospheric drifts. Paper in "Monograph on ionospheric radio" (Ed. W. J. G. Beynon). Amsterdam, Elsevier Publ. Co. 1962.
- BROWN, RAYMOND GEORGE, B.A. (Melb.), Ph.D. (Birm.), Senior Lecturer in Social Studies.
Poverty in Australia. *Aust. quarterly* 35 (1963), 75-79.
The design process: sociological influences. *Arch. in Aust.* 52 (1963), 111.

- BROWN, TASMAN, M.D.S., Lecturer in Dental Anatomy.
 Dental observations on Australian aborigines: mesiodistal crown diameters of permanent teeth (*with* M. J. Barrett and M. R. Macdonald). Aust. dent. jour. 8 (1963), 150-156.
 Dental observations on Australian aborigines: mesiodistal crown diameters of deciduous teeth (*with* M. J. Barrett and J. I. Luke). Aust. dent. jour. 8 (1963), 299-302.
 Dental observations on Australian aborigines: a roentgenographic study of prognathism (*with* M. J. Barrett and M. R. Macdonald). Aust. dent. jour. 8 (1963), 418-427.
 Temporomandibular joints. Part I. Biological factors related to mandibular movements and positions (*with* P. C. Reade). Aust. dent. jour. 8 (1963), 213-220.
 Temporomandibular joints. Part II. Disorders and treatment (*with* P. C. Reade). Aust. dent. jour. 8 (1963), 306-314.
- BROWNING, THOMAS OAKLEY, B.Sc. (Syd.), Ph.D., Waite Professor of Entomology.
 Animal populations. 119p. London, The Hutchinson Publishing Group, 1963.
- CARTER, EDWARD DIMENT, B.Ag.Sc., Lecturer in Agrostology.
 Pasture establishment on problem soils of Kangaroo Island (*with* P. M. Wigg). Jour. of the Dept. of Agric. of S.A. 66 (1963), 464-475.
 Some problems of pasture establishment in southern Australia. Proc. of the Aust. grassland conf., Warburton, Vic. Nov. 1963, 46-47.
- CARTER, MAURICE VERNON, M.Ag.Sc., Senior Lecturer in Plant Pathology.
Mycosphaerella pinodes. II. The phenology of ascospore release. Aust. jour. of biol. sci. 16 (1963), 800-817.
- CHARNOCK, JOHN STEWART, Ph.D., Research Fellow in Biochemistry.
 Accumulation of calcium by brain cortex slices. Jour. of neurochem. 10 (1963), 219-223.
 Calcium accumulation and respiratory activity of the small intestine of the rat. Canadian jour. of biochem. and physiol. 41 (1963), 1013-1022.
 Evidence of the mechanism of Ouabain inhibition of cation activated adenosine triphosphatase (*with* R. L. Post). Nature 199 (1963), 910-911.
 Phosphorylated intermediate compound in adenosinetriphosphate dependent sodium and potassium transport (*with* A. S. Rosenthal and R. L. Post). Federation proc. 22 (1963), 213.
 Studies of the mechanism of cation transport: I. The preparation and properties of cation stimulated adenosinetriphosphatase from guinea pig kidney cortex (*with* R. L. Post). Aust. jour. of exp. biol. and med. sci. 41 (1963), 547-560.
- CLARE, BRUCE GARNET, M.Sc., (Q'sld.), Lecturer in Plant Pathology.
 Starch gel electrophoresis of proteins as an aid in identifying fungi. Nature 200 (1963), 803-804.
- CLARK-LEWIS, JOHN WILLIAM, Ph.D. (Nott.), D.Sc., (Lond.), F.R.I.C., F.R.A.C.I., Professor of Chemistry.
 Flavan derivatives. Part VII. The stereochemical course of the synthesis of 2,3-*cis*-flavan-3,4-*trans*-diol diacetates, and the 2, 4-*cis*-stereochemistry of flavan-4 β -ols (*with* T. M. Spotswood and L. R. Williams). Aust. jour. of chem. 16 (1963), 107-111.
 Flavan derivatives. Part VIII. The configurations of some flavan-3, 4-diols determined by oxidation with lead tetra-acetate (*with* L. R. Williams). Aust. jour. of chem. 16 (1963), 869-873.
 Molecular rearrangements in heterocyclic compounds (*with* G. M. Badger). Chapter 10, p. 617-654 in "Rearrangements in organic compounds" (Ed. P. de Mayo). N.Y. Interscience, 1963.
 Stereochemistry of flavan-4 β -ols (*with* T. M. Spotswood and L. R. Williams). Proc. of the Chem. soc. 1963, 20.
- CLELAND, SIR JOHN BURTON, C.B.E., M.D. (Syd.), F.R.A.C.P., Emeritus Professor of Pathology.
 Botany, especially the fungi and medicine. The review, jour. of the Adelaide med. students soc. (1962), 16-22.
 Coronary disease and platelet thrombi. Letter. Lancet 1 (1963), 450.
 Disease in the Australian native. Jour. of trop. med. and hygiene. 65 (1962), 95-105.

- Diseases and medicines (in aborigines). Aust. encyclopaedia 1 (1958), 82-87.
- Flora conservation in South Australia. I. The preservation of plant formations and associations recorded in South Australia (*with* R. L. Specht). Trans. of the Roy. soc. of S.A. 85 (1961), 177-196.
- Neonatal folded epiglottis in adults. Letter. Lancet 1 (1962), 165.
- Plant notes. S.A. nat. 37 (1963), 62.
- Poisonous and urticating plants of Australia (*with* D. J. Lee). Venomous and poisonous animals and noxious plants of the Pacific area. Lond. Pergamon press, 1963, 3-14.
- Triodia plains, mulga thickets and firing by the natives. S.A. nat. 36 (1962), 44.
- COATES, JOHN HEWLETT, B.Sc. (Nott.), Ph.D., Lecturer in Physical and Inorganic Chemistry.
 Apparent molecular weight of insulin in dilute acid solution (*with* P. D. Jeffrey). Nature 197 (1963), 1104-1105.
 Physicochemical studies on cytochrome b_2 . Sedimentation, diffusion and electrophoresis of the crystalline deoxyribonucleoprotein (*with* J. M. Armstrong and R. K. Morton). Biochem. jour. 86 (1963), 136-145.
 Physicochemical studies on cytochrome b_2 . Some physicochemical properties of modified forms of the enzyme and of the deoxyribonucleic acid component (*with* J. M. Armstrong and R. K. Morton). Biochem. jour. 88 (1963), 266-276.
- COLLIVER, ANTHONY DAVID, B.E., Research student in Mechanical Engineering.
 Application of a hemispherical head probe to the measurement of the downwash, sidewash and Mach number distribution behind or lifting wing (*with* B. G. Roberts). Weapons res. est. Tech. note HSA 83, May 1963.
- COOMBE, BRYAN GEORGE, Ph.D. (Calif.), M.Ag.Sc., Lecturer in Plant Physiology.
 Phylloxera and its relation to South Australian viticulture. South Aust. Dept. of Agric. Tech. bull. 31 (1963), 90p.
- COOPER, CHRISTOPHER JOHN, M.B., B.S., Research Fellow in Physiology.
 Effects of bretylium and guanethidine on human hand and forearm vessels and on their sensitivity to noradrenaline (*with* J. D. Fewings, R. L. Hodge and R. F. Whelan). Brit. jour. of pharmacol. 21 (1963), 165-173.
- CORNELL, JAMES GLADSTONE, M.A. (Melb.), L. ès L. (Paris), Chevalier de la Légion d'Honneur, Professor of French Language and Literature.
 Cinq maîtres du conte français. 5th ed. 308p. Sydney, Shakespeare Head Press, 1963.
- CORNISH, EDMUND ALFRED, B.Ag.Sc. (Melb.), D.Sc., F.A.A., Professor of Mathematical Statistics.
 Sir Ronald Aylmer Fisher, F.R.S.: activities in Australia, 1959-62. Biometrics 19 (1963), 200-201.
 A method of fitting straight lines and planes to observations expressed as trilinear and quadriplanar coordinates. C.S.I.R.O. Div. of Math. Stats. Tech. paper 15 (1963), 12p.
- COX, JOHN SAMUEL TWEEDALE, M.B., B.S., F.R.C.S., F.R.A.C.S., Teaching Registrar in Surgery.
 The maturation and canalisation of thrombi. Surg. gynec. and obstet. 116 (1963), 593.
 Streptokinase and thrombolysis. Aust. and N.Z. jour. of surg. 33 (1963), 136-146.
- COX, LLOYD WOODROW, M.B., Ch.B. (N.Z.), F.R.C.S., F.R.A.C.S., F.R.C.O.G., Professor of Obstetrics and Gynaecology.
 The design of a foetal heart ratemeter. Aust. and N.Z. jour. of obstet. and gynaec. 3 (1963), 60-62.
 Endocrines in gynaecology. Aust. and N.Z. jour. of surg. 31 (1962), 231-234.
 Foetal anoxia. Lancet I (1963), 841-844.
 The use of radioactive isotopes in determining placental function (*with* R. N. Munday and H. H. A. Sauer). Aust. and N.Z. jour. of obstet. and gynaec. 3 (1963), 119-124.

- COX, RONALD IAN, Ph.D. (Edin.), Reader in Endocrinology.
 Anti-oestrogen effects on pregnancy (*with* C. S. Emmens and L. Martin).
Jour. of reprod. and fertility 5 (1963), 239.
 Gas chromatography in the analysis of urinary pregnanediol. *Jour. of chromatog.* 12 (1963), 242.
 Quality control in steroid analysis using radioisotopically labelled compounds (*with* A. Bedford). *Proc. of the Aust. assoc. of clin. biochem.* 1 (1963), 10.
- CRAMOND, WILLIAM ALEXANDER, O.B.E., M.D. (Aberd.), D.P.M. (Lond.),
 Professor of Mental Health.
 Psychological aspects of disease. *Med. jour. of Aust.* (1963), 74-77.
- CROWLEY, NEIL CLARENCE, B.Sc.Agr. (Syd.), Ph.D., Senior Lecturer in Plant Pathology.
 Purification and some properties of *Centrosema* mosaic virus (*with* R. I. B. Francki). *Aust. jour. of biol. sci.* 16 (1963), 468-472.
- DAILY, BRIAN, Ph.D., Lecturer in Geology.
 Fossiliferous Cambrian succession on Fleurieu Peninsula, South Australia. *Records of the South Aust. Museum* 14 (1963), 579-601.
- DAVEY, MARTIN GEOFFREY, M.B., B.S. (Syd.), Research Fellow in Medicine.
 The definition and mechanisms of altered platelet survival (*with* H. Lander). *Medical res.* 1 (1963), 62-63.
 An improved method of labelling platelets with radio-chromate (*with* H. Lander). *Medical res.* 1 (1963), 73-74.
 The survival and behaviour of platelets in polycythaemia and "thrombocythaemia" (*with* H. Lander). *Medical res.* 1 (1963), 63-64.
- DAVIS, BRUCE RAYMOND, B.E., Research Worker in Electrical Engineering.
 Extending the use of the Smith Chart. *Industrial electronics* 1 (1962), 180-181.
- DAY, ALLAN JOHN, D.Phil. (Oxford), M.Sc., M.D., Senior Lecturer in Physiology.
 Effect of lecithin on cholesterol esterase activity of rabbit macrophages (*with* P. R. S. Gould-Hurst). *Aust. jour. of exp. biol.* 41 (1963), 323-330.
 Fatty acid patterns of cholesterol esters synthesised by reticuloendothelial cells (*with* N. H. Fidge, P. R. S. Gould-Hurst and D. J. Risely). *Quart. jour. of exp. physiol.* 48 (1963), 298-303.
 Relationship of arterial macrophages to the phospholipid content in rabbit atheroma. *Jour. of atheroscler. res.* 2 (1962), 350-364.
- DE LA LANDE, IVAN STANLEY, Ph.D. (Melb.), Reader in Pharmacology.
 Action of adrenaline on limb blood vessels (*with* R. F. Whelan). *Brit. med. bull.* 19 (1963), 125-131.
 Actions of tacrine and amiphenazole on acetylcholine metabolism in the guinea pig ileum (*with* R. B. Porter). *Aust. jour. of exp. biol.* 41 (1963), 149-162.
- DELLER, DONALD JOHN, M.B., B.S. (Syd.), D.Phil. (Oxford), M.R.C.P., M.R.A.C.P., Michell Research Fellow in Medicine.
 Factors influencing the absorption of radioactive vitamin B₁₂ after partial gastrectomy (*with* L. J. Witts). *Medical res.* 1 (1963), 64-65.
 Haematological studies in chronic liver disease (*with* C. L. Kimber, H. Lander and R. N. Ibbotson). *Medical res.* 1 (1963), 72-73.
 The motility of the large bowel in diarrhoeal states (*with* A. G. Wangel). *Medical res.* 1 (1963), 81-82.
 Radioactive vitamin B₁₂ after partial gastrectomy (*with* L. J. Witts). *Lancet* 2 (1963), 162-165.
 Serum folic acid activity after partial gastrectomy (*with* R. N. Ibbotson and B. Crompton). *Medical res.* 1 (1963), 64.
- DONALD, COLIN MALCOLM, D.Sc.Agr. (Syd.), M.Ag.Sc., F.A.I.A.S., Waite Professor of Agriculture and Head of the Department of Agronomy.
 Competition among crop and pasture plants. *Advances in agronomy* 15 (1963), 1-118.
 Grass or crop in the land use of tomorrow. *Aust. jour. of sci.* 25 (1963), 386-395.
 Pasture development in the beef cattle regions of Argentina. Part II. *Jour. of the Brit. grasslands soc.* 18 (1963), 56-61.

- EDMONDS, STANLEY JOE, B.A., Ph.D., Senior Lecturer in Zoology.
Two new echiuroids (Echiuroidea) from Australia. *Trans. of the Roy. soc. of S.A.* 87 (1963), 243-248.
- EDWARDS, DAVID GEORGE, B.Ag.Sc., Research Student in Soil Science.
Repulsion of chloride by montmorillonite (*with* J. P. Quirk). *Jour. of colloid sci.* 17 (1962), 872-882.
- ELLIOTT, ROBERT BARTLETT, M.B., B.S., M.R.A.C.P., Lecturer in Child Health.
An appraisal of antibacterial therapy in childhood gastro-enteritis. *Med. jour. of Aust.* 2 (1963), 579-582.
An assessment of two methods of detecting glucose in urine. *Med. jour. of Aust.* 2 (1963), 611-612.
D.M.P.P. Further observations on the pharmacology of 1, 1-dimethyl-4-phenyl piperazinium iodide as studied in the intact dog. *Arch. of int. pharmacodyn.* 143 (1963), 431-437.
Effect of Na₃ EDTA induced hypocalcemia upon the general and coronary hemodynamics of the intact animal. *Amer. heart jour.* 66 (1963), 83-87.
Effects of a new Beta adrenergic blocking agent (nethalide; alderlin) upon the general and coronary haemodynamics of the intact animal. *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 511-516.
Experimental and clinical studies with methicillin. *Med. jour. of Aust.* 1 (1963), 177-179.
Studies in thalassaemia major (*with* E. F. Robertson and G. M. Maxwell). *Med. jour. of Aust.* 2 (1963), 705-707.
- ELLIOTT, RALPH WARREN VICTOR, M.A. (St. And.), Professor of English.
A critical commentary on "A tale of two cities" and "Far from the madding crowd." 71p. Adelaide, Mary Martin Bookshop Publication, 1963.
- ELLIS, CATHERINE JOAN, Mus.Bac. (Melb.), Ph.D. (Glas.), Research Fellow in Ethnomusicology, Elder Conservatorium of Music.
Ornamentation in Australian vocal music. *Ethnomusicology* 7 (1963) 88-95.
Aboriginal music making. 380p. Adel., Libraries Board of South Australia, 1964.
- EVERITT, GRAHAM CHARLES, M.Sc. (Wales), N.D.A., Lecturer in Animal Production.
Implantation of oestrogenic hormones in beef cattle. Part II. Effects of restricted summer grazing after implantation of hexoestrol in spring. *New Zealand jour. of agric. res.* 5 (1962), 437-449.
Implantation of oestrogenic hormones in beef cattle. Part III. A comparison of autumn versus spring implantation of oestradiol benzoate plus progesterone. *New Zealand jour. of agric. res.* 6 (1963), 56-69.
- FALCONER, IAN ROBERT, B.Sc. (Nott.), Ph.D. (Aberd.), M.I.Biol., Lecturer in Animal Biochemistry.
Effect of thyroid deficiency on the oestrous cycle and conception in the ewe. *Jour. of endocrin.* 27 (1963), 119-124.
Exteriorisation of the thyroid gland and measurement of its function. *Jour. of endocrin.* 26 (1963), 241-247.
Iodide metabolism of the thyroid and mammary glands during lactation in sheep. *Jour. of endocrin.* 25 (1963), 533-539.
- FARRENT, THOMAS ALBERT, B.Sc., B.E., F.S.A.S.M., M.I.E.Aust., Reader in Civil Engineering.
Interpretation of vane tests in soils having friction. *Proc. of the third Australia-New Zealand conf. on soil mechanics and foundation engineering* (1960), 81-86.
Prediction and field verification of settlements on cohesionless soils. *Proc. of the fourth Australia-New Zealand conf. on soil mechanics and foundation engineering* (1963), 11-17.
- FEWINGS, JOHN DAVID, M.B., B.S., Research Fellow in Physiology.
Effects of bretylium and guanethidine on human hand and forearm vessels and on their sensitivity to noradrenaline (*with* C. J. Cooper, R. L. Hodge and R. F. Whelan). *Brit. jour. of pharmacol.* 21 (1963), 165-173.
- FIDGE, NOEL HADDEN, B.Sc., Research Assistant in Physiology.
Fatty acid patterns of cholesterol esters synthesised by reticuloendothelial cells (*with* A. J. Day, P. R. S. Gould-Hurst and D. J. Risely). *Quart. jour. of exp. physiol.* 48 (1963), 298-303.

- FINLAY, KEITH WARREN, Ph.D. (W.A.), Reader in Plant Breeding.
 The analysis of adaptation in a plant breeding programme (with G. N. Wilkinson). Aust. jour. of agric. res. 14 (1963), 742-54.
 Semi-automatic seed drill for experimental plots. Jour. of agric. engineering res. 8 (1963), 41-47.
- FLENTJE, NOEL THOMAS, Ph.D. (Lond.), B.Ag.Sc. (Melb.), M.Sc., Reader in Plant Pathology.
 Factors determining the behaviour of plant pathogens in soil. Nature 199 (1963), 327-329.
 Mechanism of host penetration by *Thanatephorus cucumeris* (with R. L. Dodman and A. Kerr). Aust. jour. of biol. sci. 16 (1963), 784-799.
 Nuclear distribution and behaviour throughout the life cycles of *Thanatephorus*, *Waitea*, and *Ceratobasidium* species (with H. M. Stretton and E. J. Hawn). Aust. jour. of biol. sci. 16 (1963), 450-467.
- FORBES, IAN JAMES, M.D., M.R.A.C.P., Senior Lecturer in Medicine.
 Studies of cytotoxicity using P³². Aust. jour. of exp. biol. and med. sci. 41 (1963), 255-264.
 Mitosis in macrophages (with G. B. Mackaness). Lancet ii (1963), 1203-1204.
- FORSYTH, ELLIOTT, CHRISTOPHER, D.de l'U. (Paris), B.A., Dip. Ed., Senior Lecturer in French.
 Le français fondamental: a new approach to 'basic' language. Babel 22 (1963), 3-9.
 La tragédie française de Jodelle à Corneille (1553-1640): le thème de la vengeance. 485p. Paris, A. G. Nizet, 1962.
- FRENCH, ALFRED, M.A. (Camb.), Senior Lecturer in Classics.
 Land tenure and the Solon problem. Historia 12 (1963), 242-247.
 Nezval's Greek tragedy. Internat. jour. of Slavic linguistics and poetics 6 (1963), 103-108.
- GARSON, RONALD WALTER, B.A. (Syd. and Camb.), Lecturer in Classics.
 The Hylas episode in Valerius Flaccus' *Argonautica*. Classical quarterly 13 (1963), 188-195.
- GLAESSNER, MARTIN FRITZ, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A., Reader in Palaeontology.
 Base of the Cambrian. Jour. of the Geol. soc. of Aust. 10 (1963), 223-241.
 Dating of the base of the Cambrian. Jour. of the Geol. soc. of India 4 (1963), 1-11.
 "Intrusive" vertebrate fossils in the miocene of Victoria—a correction. Aust. jour. of sci. 25 (1963), 411-412.
 Neue Crustaceen aus dem niederrheinischen Zechstein (with E. Malzahn). Fortschr. geol. Rheinld. u. Westf. 6 (1962), 245-264.
 Zur Kenntnis der Nama-Fossilien Südwest-Afrikas. Ann. Naturhist. Mus. Wien 66 (1963), 113-120.
 Precambrian fauna. McGraw-Hill Encyclopaedia of sci. and technol. (1963), 452-453.
 Principles of micropalaeontology. 297p. New York, Hafner Pub. Co., 1963.
- GOOD, BRIAN FRANCIS, B.Sc., Research Fellow in Medicine.
 The circulating thyroid hormones in thyrotoxicosis (with M. L. Wellby and B. S. Hetzel). Brit. med. jour. 1 (1963), 439-442.
 Observations on the early metabolic effects of a thyroglobulin preparation in man (with B. S. Hetzel and M. L. Wellby). Jour. of clin. endocr. and metab. 23 (1963), 489-490.
 Salicylate action and thyroidal autonomy in hyperthyroidism (with B. S. Hetzel and M. L. Wellby). Lancet (1963), 93.
- GOULD-HURST, PETER RICHARD STUART, M.B., B.S., Temporary Lecturer in Physiology.
 Effect of lecithin on cholesterol esterase activity of rabbit macrophages (with A. J. Day). Aust. jour. of exp. biol. 41 (1963), 323-330.
 Fatty acid patterns of cholesterol esters synthesised by reticuloendothelial cells (with A. J. Day, N. H. Fidge, and D. J. Risely). Quart. jour. of exp. physiol. 48 (1963), 298-303.
- GREEN, LORNA MARY ALEXANDRA, B.A., Ph.D., Lecturer in Histology.
 Distribution and comparative histology of cutaneous glands in certain marsupials. Aust. jour. of zool. 2 (1963), 250-272.
 Interstitial cells in the testis of the Australian phalanger (*Trichosurus vulpecula*). Aust. jour. of exp. biol. 41 (1963), 99-104.

- GREENLAND, DENNIS JAMES, M.A., D.Phil. (Oxford), Reader in Soil Science.
 Adsorption of poly (vinyl alcohols) by montmorillonite. *Jour. of colloid sci.* 18 (1963), 647-664.
 Surface area determinations and the clay mineralogy of a red brown earth (with J. R. Burford and J. P. Quirk). *Aust. jour. of sci.* 25 (1963), 361-362.
 Surface areas of soil colloids (with J. P. Quirk). *Trans. Comm. IV and V Int. soc. of soil sci. of New Zealand* (1962), 79-87.
- HANCOCK, KEITH JACKSON, B.A. (Melb.), Ph.D. (Lond.), Professor of Economics.
 Australian economy, February 1963. *Economic record* 39 (1963), 1-23.
 Reduction of unemployment as a problem of public policy, 1920-1929. *Econ. hist. rev.* 15 (1963), 328-343.
 Unemployment in Australia. Univ. of Adelaide eighth summer school of business admin. 1963, 35-54.
- HANKIN, MARGARET ELSPETH, B.H.Sc. (Otago), M.S. (Alabama), Research Fellow in Obstetrics and Gynaecology.
 Body weight, diet and pre-eclamptic toxæmia of pregnancy. *Aust. and New Zealand jour. of obstet. and gynaec.* 2 (1962), 156-160.
 Studies of nutrition in pregnancy. I. Some considerations in collecting dietary information (with K. M. Cellier). *Amer. jour. of clin. nut.* 13 (1963), 55-62.
 The value of iron supplementation during pregnancy. *Aust. and New Zealand jour. of obstet. and gynaec.* 3 (1963), 111-118.
- HARCOURT, GEOFFREY COLIN, M.Com. (Melb.), Ph.D. (Camb.), Senior Lecturer in Economics.
 A critique of Mr. Kaldor's model of income distribution and economic growth. *Aust. econ. papers* 2 (1963), 20-36.
 A simple Joan Robinson model of accumulation with one technique: a comment. *Osaka econ. papers* 11 (1963), 24-28.
 Taxation and primary production. *Farm policy* 2 (1963), 101-105.
 The wool textile industry (with D. H. Whitehead). Chapter 13, p. 419-459 in "The economics of Australian industry" (Ed. A. Hunter), Melb. Univ. pr. 1963.
- HARRIS, JAMES DUNBAR, M.B., B.S., F.R.C.S., F.R.A.C.S., Senior Lecturer in Surgery.
 Acute abdominal aneurysms (with R. P. Jepson). *Aust. and New Zealand jour. of surg.* 33 (1963), 16.
 A case of arteriovenous fistula following closed fracture of tibia and fibula. *Brit. jour. of surg.* 50 (1963), 774.
- HAYMAN, DAVID LINDSAY, Ph.D., Senior Lecturer in Genetics.
 Chromosomal aberrations and disease. *Med. jour. of Aust.* 1 (1963), 387-388.
 Chromosomal organisation and genic expression. p. 85-88 in "A post-graduate course in cell culture" (Ed. D. O. White). Cell culture society of Victoria.
- HERBERT, GILBERT, M.Arch., Dip. T.P. (Rand), A.R.I.B.A., A.R.A.I.A., M.I.A., M.A.P.I., Reader in Architecture.
 The design process: a study in architectural synthesis. *Arch. in Aust.* 52 (1963), 108-110.
 The neighbourhood unit principle and organic theory. *The sociological rev.* 11 (1963), 165-213.
 The organic analogy in town planning. *Jour. of the Amer. inst. of planners* 29 (1963), 198-209.
- HETZEL, BASIL STUART, M.D., M.R.C.P., F.R.A.C.P., Reader in Medicine.
 The circulating thyroid hormones in thyrotoxicosis (with M. L. Wellby and B. F. Good). *Brit. med. jour.* 1 (1963), 439-442.
 The effect of thyrotrophic hormone on the plasma thyroid hormones in man (with M. L. Wellby and M. L. Isaachsen). *Aust. annals of med.* 12 (1963), 30-36.
 Observations on the early metabolic effects of a thyroglobulin preparation in man (with M. L. Wellby and B. F. Good). *Jour. of clin. endocrinol. and metab.* 23 (1963), 489-490.
 Salicylate action and thyroidal autonomy in hyperthyroidism (with B. F. Good and M. L. Wellby). *Lancet* (1963), 93.

- HICKS, SIR CEDRIC STANTON, M.Sc. (N.Z.), Ph.D. (Camb.), M.D., F.R.I.C., Emeritus Professor of Human Physiology and Pharmacology.
Nutrition and beriberi in a Japanese prisoner of war camp: a study of 500 daily food intakes in 35 months. *World rev. of nut. and dietetics* 3 (1962), 221-241.
- HILLS, BRIAN ANDREW, M.A. (Camb.), Dip. Chem. Eng. (Lond.), A.R.I.C., Senior Lecturer in Chemical Engineering.
Determination of optimum pressures for operating catalytic gas reactors. *Brit. chem. eng.* 8 (1963), 683-687.
- HODGE, ROBERT LEY, M.B., B.S., M.R.A.C.P., Research Fellow in Physiology.
Effects of bretylium and guanethidine on human hand and forearm vessels and on their sensitivity to noradrenaline (*with* C. J. Cooper, J. D. Fewings and R. F. Whelan). *Brit. jour. of pharmacol.* 21 (1963), 165-173.
- HOLDSWORTH, ERIC SPENCER, Ph.D. (Leeds), F.R.I.C., Reader in Biochemistry.
Effect of citrate on the metabolism of acetate by sheep tissues *in vitro* (*with* E. Neville). *Biochim. et biophys. acta* 70 (1963), 338.
- HORSNELL, ARTHUR MAXWELL, F.D.S.R.C.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), Professor of Dental Science.
Dental health in pregnancy (*with* J. Packer). *Aust. dent. jour.* 8 (1963), 506-512.
- HOUSSIDAS, LAMBROS, B.A. (Thessaloniki), Ph.D. (Leeds), Lecturer in Psychology.
The effect of viewing slant and distance on some visual illusions (*with* L. B. Brown). *Aust. jour. of psychol.* 15 (1963), 108-112.
Growth of logical thinking. *Proc. Exp. school. Thessaloniki Univ.* 16 (1962), 3-21. (In Greek).
Inductive and deductive thinking. *Educ. psychol. rev.* 1 (1963), 4-10. (In Greek).
The visual slant in the perception of illusions. *Acta psychol.* 21 (1963), 35-39.
Problems of measurement in psychology and education. 19p. Thessaloniki: "Hellenism abroad", 1962. (In Greek).
- HOWARD, COLIN, LL.M. (Lond.), Ph.D., Senior Lecturer in Law.
Assaulting policemen in the execution of their duty. *Law quart. rev.* 79 (1963), 247-265.
Australia and the House of Lords—Parker v. the Queen. *Criminal law rev.* (1963), 675-679.
Australian letter—the principle of fair trial. *Criminal law rev.* (1963), 603-611.
Corporal punishment in South Australia. *Adelaide law rev.* 2 (1963), 83-91.
Larceny by accidental mistake. *Aust. law jour.* 36 (1963), 399-403.
Stealing by fraud. *Adelaide law rev.* 2 (1963), 33-52.
Time and the judicial process. *Aust. law jour.* 37 (1963), 39-49.
- HURST, CHARLES ANGAS, B.A., B.Sc. (Melb.), Ph.D. (Camb.), Reader in Mathematical Physics.
Solution of plane Ising lattices by the Pfaffian method. *Jour. of chem. phys.* 38 (1963), 2558-2571.
- ISAACHSEN, MARGARET LYNETTE, B.Sc., Technical Officer in Medicine.
The effect of thyrotrophic hormone on the plasma thyroid hormones in man (*with* M. L. Wellby and B. S. Hetzél). *Aust. annals of med.* 12 (1963), 30-36.
- JARRETT, FRANCIS GEORGE, B.Sc.Agr. (Syd.), Ph.D. (Iowa), Reader in Agricultural Economics.
Pastoral finance houses and rural credit 1949-1950 to 1958-1959. *Aust. jour. of agric. econ.* 6 (1962), 62-77.
- JEEVES, MALCOLM ALEXANDER, M.A., Ph.D. (Camb.), Professor of Psychology.
Changes in tachistoscopic form perception as a function of age and intellectual status. *Jour. of geront.* 18 (1963), 275-278.
Relation of the assimilation of new information to increasing age. *Rept. of the Australian agricultural extension conf.* (1963), 279-291.

- JENKIN, CHARLES REINHOLD, Ph.D. (Lond.), Senior Lecturer in Microbiology.
 Heterophile antigens and their significance in host-parasite relationship. *Advances in immunology*, 3 (1963), 351-376.
 The immunological basis for the carrier state in mouse typhoid. Endotoxin symposium, Rutgers Univ. September 1963.
 The removal of aged and damaged red cells of the rat by the perfused rat liver (with K. Karthigasu). *Comptes Rendus de la Soc. de biol.* 156, 1006.
Salmonella typhimurium—a parasite of the reticulo-endothelial system (with D. Rowley). Symposium (R.E.S.), Paris.
- JENNINGS, ALLEN CHARLES, B.Sc. (Syd.), M.Sc., Senior Lecturer in Agricultural Chemistry.
 Alkaline titration of ovalbumin in the presence of copper (II). *Aust. jour. of chem.* 16 (1963), 1006-1019.
 Amino acids and protein synthesis in developing wheat endosperm (with R. K. Morton). *Aust. jour. of biol. sci.* 16 (1963), 384-394.
 Changes in carbohydrate, protein and non-protein nitrogenous compounds of developing wheat grain. *Aust. jour. of biol. sci.* 16 (1963), 318-331.
 Changes in nucleic acids and other phosphorus-containing compounds of developing wheat grain (with R. K. Morton). *Aust. jour. of biol. sci.* 16 (1963), 332-341.
 Cytological studies of protein bodies of developing wheat endosperm (with R. K. Morton and B. A. Palk). *Aust. jour. of biol. sci.* 16 (1963), 366-374.
 Dietary supplements to sheep grazing mature herbage in relation to herbage intake (with W. G. Allden). *Proc. Aust. soc. of animal prod.* 4 (1962), 145-153.
 Nature of the chelate structures formed by copper (II) and ovalbumin in the Biuret reaction. *Aust. jour. of chem.* 16 (1963), 909-1005.
 Physiological effects of gibberellic acid. IV. On barley grain with normal, X-irradiated, and excised embryos (with L. G. Paleg and D. H. B. Sparrow). *Plant physiol.* 37 (1962), 579-583.
 Protein bodies and protein synthesis in developing wheat endosperm (with S. D. J. Graham, R. K. Morton, B. A. Palk and J. K. Raison). *Nature* 196 (1962), 967-969.
- JENSEN, ROLF, B.Arch. (Liv.), F.R.I.B.A., F.R.A.I.A., A.M.T.P.I., M.Inst.R.E., F.A.P.I., Professor of Architecture.
 Decentralisation. Given as evidence to the Industries development special committee for South Aust. May 1962.
 Civic design in a traffic age. Given as a paper during the Town planning symposium, Adelaide, November 1962.
- JEPSON, RICHARD POMFRET, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S., F.R.A.C.S., Professor of Surgery.
 Acute abdominal aneurysms (with J. D. Harris). *Aust. and New Zealand jour. of surg.* 33 (1963), 16.
 False popliteal aneurysms simulating malignant bone tumours (with J. F. Leditschke). *Aust. and New Zealand jour. of surg.* 32 (1963), 307.
 The management of lower limb emboli. *Aust. and New Zealand jour. of surg.* 32 (1963), 221.
 A modified gastric test meal examination (with L. J. Opit). *Med. jour. of Aust.* 1 (1963), 355.
- JOHNSON, BRUCE, B.Sc.Agr. (Syd.), Ph.D. (Lond.), Senior Lecturer in Entomology.
 Histological study of neurosecretion in aphids. *Jour. of insect physiol.* 9 (1963), 727-739.
 Transport of neurohormones from the corpora cardiaca in insects (with B. Bowers). *Science* 141 (1963), 264-266.
- JONES, JOHN BRETT, B.Sc. (Q'sld.), Ph.D. (Wisconsin), Lecturer in Geology.
 Differential thermal and X-ray analysis of opal (with E. R. Segnit and N. N. Nixon). *Nature* 198 (1963), 1191.
- JONES, KEITH GERALD, B.Com. (Melb.), A.A.S.A., A.C.I.S., Lecturer in Commerce.
 Statistics and accounting. *Aust. assoc. of univ. teachers of accounting. News bull.* 4 (1963), 18-21.

- KAVASS, IGOR IVAR, LL.B. (Melb.), Senior Lecturer in Law.
The classification of companies under the South Australian Companies Act, 1962. *Adelaide law rev.* 2 (1963), 53-69.
The new company legislation in South Australia. *Adelaide law rev.* 2 (1963), 77-82.
- KEATS, REYNOLD GILBERT, B.Sc., Senior Lecturer in Mathematics.
Evaluation of complex systems using analogue computers. *Proc. third internat. analogue computation meetings, Opatija* (1961), 254-259.
- KEECH, DONALD BRUCE, Ph.D., Senior Lecturer in Biochemistry.
Pyruvate carboxylase. Nature of the reaction. *Jour. of biol. chem.* 238 (1963), 2603-2608.
Pyruvate carboxylase. Properties. *Jour. of biol. chem.* 238 (1963), 2609-2614.
- KENDRICK, JAMES DERRICK, B.Sc. (Tech.) (Manc.), Senior Lecturer in Building Science.
Design of thermally efficient buildings: a problem in architectural education. *Arch. sci. rev.* 6 (1963), 105-110.
- KIMBER, CARLEIN LORRAINE, M.B., B.S., Research Fellow in Medicine.
Haematological studies in chronic liver disease (with D. J. Deller, H. Lander and R. N. Ibbotson). *Med. res.* 1 (1963), 72-73.
- KNEEBONE, GARRY MALCOLM, M.Sc. (Pitts.), M.B., B.S., M.R.A.C.P., Senior Lecturer in Child Health.
An appraisal of antibacterial therapy in childhood gastro-enteritis. *Med. jour. of Aust.* 2 (1963), 579-582.
D.M.P.P. Further observations on the pharmacology of 1, 1-dimethyl-4-phenyl piperazinium iodide as studied in the intact dog. *Arch. int. pharmacodyn.* 143 (1963), 431-437.
Experimental and clinical studies with methicillin. *Med. jour. of Aust.* 1 (1963), 177-179.
Non-esterified fatty acid turnover and metabolism in obesity. *Jour. of the Aust. soc. for med. res.* 1 (1963), 73.
- KNIGHT, RONALD, B.Sc. (Lond.), Dip. Ag.Sc. (Camb.), Dip. Trop.Ag. (I.C.T.A.), Senior Lecturer in Plant Breeding.
Comparison of seasonal plant growth in a northern European and a Mediterranean climate. *Rept. of the Welsh plant breeding sta.* (1962.), 102-114.
- KRISHNAPILLAI, VIJAYASEHARI, B.Sc., Research worker in Microbiology.
Genetic and immunologic observations on the virulence of *Salmonella typhimurium* for mice (with P. R. Reeves and D. Rowley). *Aust. jour. of exp. biol.* 41 (1963), 61.
- KURUCSEV, THOMAS, Ph.D., Lecturer in Physical and Inorganic Chemistry.
Viscosity measurements on dilute aqueous calf thymus deoxyribonucleic acid solutions. *Archives of biochem. and biophys.* 102 (1963), 120-124.
- LANDER, HARRY, M.B., B.S., M.R.A.C.P., Senior Lecturer in Medicine.
The changing pattern of medical practice in South Australia. *Med. jour. of Aust.* 2 (1963), 552-557.
The definition and mechanisms of altered platelet survival (with M. G. Davey). *Med. res.* 1 (1963), 62-63.
Haematological studies in chronic liver disease (with C. L. Kimber, D. J. Deller and R. N. Ibbotson). *Med. res.* 1 (1963), 72-73.
An improved method of labelling platelets with radio-chromate (with M. G. Davey). *Med. res.* 1 (1963), 73-74.
Instruments used for gastro-intestinal biopsy. *Aust. ann. of med.* 12 (1963), 238-250.
The survival and behaviour of platelets in polycythaemia and thrombocythaemia (with M. G. Davey). *Med. res.* 1 (1963), 63-64.
- LEDITSCHKE, JOHN FREDERICK, M.B., B.S., F.R.A.C.S., Teaching Registrar in Surgery.
False popliteal aneurysm simulating malignant bone tumours (with R. P. Jepson). *Aust. and New Zealand jour. of surg.* 32 (1963), 307.
- LEWIS, DAVID GRAY, M.Sc., Lecturer in Soil Chemistry.
Diffusion of phosphate in soils (with J. P. Quirk). *Trans. Comm. IV & V Int. soc. of soil sci.* (1962), 132-138.

- LOVIBOND, SYDNEY HAROLD, B.A. (Melb.), Ph.D., A.U.A. (Soc.Sci.), Senior Lecturer in Psychology.
 Conceptual thinking, personality and conditioning. *Brit. jour. of soc. and clin. psychol.* 2 (1963), 100-111.
 Intermittent reinforcement in behaviour therapy. *Behav. res. ther.* 1 (1963), 127-132.
 The mechanism of conditioning treatment of enuresis. *Behav. res. ther.* 1 (1963), 17-21.
 Positive and negative conditioning of the G.S.R. *Acta psychologica* 21 (1963), 100-107.
- LYKKE, ATHOL WILLIAM JOHN, M.B., B.S., Lecturer in Pathology.
 The effect of traumatic shock on experimental blood ethyl alcohol levels in mice (*with* J. S. Robertson and E. R. Kosche). *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 275.
- MACKANESS, GEORGE BELLAMY, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), Professor of Microbiology.
 The behaviour of microbial parasites in relation to phagocytic cells *in vitro* and *in vivo*. Symposium, Soc. of gen. microbiol., Lond.
- MAGAREY, KEVIN BARRY, M.A. (Oxford), B.A., Lecturer in English.
 The South African novel and race. *Southern rev.* 1 (1963), 27-45.
- MAITLAND, GEOFFREY DOUGLAS, A.U.A., M.A.P.A., M.C.S.P., Part-time Tutor in Physiotherapy.
 The problems of teaching vertebral manipulation. *Aust. jour. of physiotherapy* 9 (1963), 79-81.
- MARINOS, NICOS GEORGE, M.Sc. (Iowa), Ph.D., Senior Lecturer in Plant Physiology.
 Studies on submicroscopic aspects of mineral deficiencies. II. Nitrogen, potassium, sulfur, phosphorus and magnesium deficiencies in the shoot apex of barley. *Amer. jour. of bot.* 50 (1963), 998-1004.
- MARSHALL, ANN, M.Sc. (Melb.), M.A. (Calif.), Lecturer in Geography.
 The climatic relevance of Adelaide building styles. *Aust. geographer* 9 (1963), 13-20.
 The prediction of indoor heat discomfort. *Aust. geog. stud.* 1 (1963), 115-123.
 The role of the Housing Trust in South Australian development. *Aust. geographer* 9 (1963), 57-58.
- MASON, BRUCE, B.Sc., Senior Lecturer in Geography.
 Protection against frost damage (*with* M. L. Blanc, H. Geslin and I. A. Holzberg). 62p. Geneva, World Meteorological Organisation, 1963.
- MATHEWS, RUSSELL LLOYD, B.Com. (Melb.), Professor of Commerce.
 An aspect of depreciation (*with* H. R. Hudson). *Econ. record* 39 (1963), 232-236.
- MAXWELL, GEORGE MORRISON, M.D. (Edin.), M.R.C.P. (Lond.), McGregor Reid Professor of Child Health.
 An appraisal of antibacterial therapy in childhood gastro-enteritis. *Med. jour. of Aust.* 2 (1963), 579-582.
 D.M.P.P. Further observations on the pharmacology of 1, 1-dimethyl-4-phenyl piperazinium iodide as studied in the intact dog. *Arch. int. pharmacodyn.* 143 (1963), 431-437.
 Experimental and clinical studies with methicillin. *Med. jour. of Aust.* 1 (1963), 177-179.
 Effect of Na₂ EDTA induced hypocalcemia upon the general and coronary hemodynamics of the intact animal. *Amer. heart jour.* 66 (1963), 82-87.
 Effects of a new beta adrenergic blocking agent (nethalide; alderlin) upon the general and coronary haemodynamics of the intact animal. *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 511-516.
 Effect of induced hypervolemia on the general and coronary haemodynamics in the intact animal. *Jour. of the Aust. soc. for med. res.* 1 (1963), 75.
 Some observations on the background of scurvy. *Med. jour. of Aust.* 2 (1963), 646-648.
 Studies in thalassaemia major. *Med. jour. of Aust.* 2 (1963), 705-707.

- MAY, LANCELOT HARRIS, Ph.D. (Lond.), B.Sc., D.I.C., Reader in Plant Physiology.
 Radioisotopes in Australia in research on growth regulators and herbicides. Internat. jour. of app. radiation and isotopes 13 (1962), 91-94.
 Radioisotopes in Australia in research on the origin of starch in the cereal grain, and on protein quality and its significance for crop breeding. Internat. jour. of app. radiation and isotopes 13 (1962), 167-170.
 Studies on the growth of the barley apex. I. Interrelationships between primordium formation, apex length and spikelet development (*with* P. B. Nicholls). Aust. jour. of biol. sci. 15 (1963), 561-571.
- MILLS, KINGSLEY JOHN, B.Sc., Demonstrator in Geology.
 Geology of the Mount Crawford granite gneiss and adjacent metasediments. Trans. of the Roy. Soc. of South Aust. 87 (1963), 167-184.
- MONRO, JOHN, Ph.D., Lecturer in Entomology.
 Population control in animals by overloading resources with sterile animals. Science 140 (1963), 496-497.
- MORGAN, FURNESS DAVID, M.Sc. (N.Z.), Ph.D. (Calif.), Senior Lecturer in Entomology.
 The future of forest entomology in Australia. Aust. forestry 27 (1963), 63-66.
- MORTON, ROBERT KERFORD, B.Sc.Ag. (Syd.), Ph.D. (Camb.), F.A.A., Late Professor of Biochemistry and General Physiology.
 Amino acids and protein synthesis in developing wheat endosperm (*with* A. C. Jennings). Aust. jour. of biol. sci. 16 (1963), 384-394.
 Changes in carbohydrate protein and non-protein nitrogenous compounds of developing wheat grain (*with* A. C. Jennings). Aust. jour. of biol. sci. 16 (1963), 318-331.
 Changes in nucleic acids and other phosphorus-containing compounds of developing wheat grain (*with* A. C. Jennings). Aust. jour. of biol. sci. 16 (1963), 332-341.
 A comparative study of nicotinamide nucleotide coenzymes during growth in the sheep and the rat (*with* P. Caiger, O. H. Filsell, and I. G. Jarrett). Biochem. jour. 85 (1963), 351-359.
 A complete intracellular unit for incorporation of amino acid into storage protein utilising adenosine triphosphate generated from phytate (*with* J. K. Raison). Nature 200 (1963), 429-433.
 Cytological studies of protein bodies of developing wheat endosperm (*with* A. C. Jennings and B. A. Palk). Aust. jour. of biol. sci. 16 (1963), 366-374.
 Enzymic synthesis of oxalic acid in *Oxalis pes-caprae* (*with* A. Millerd and J. R. E. Wells). Biochem. jour. 88 (1963), 281.
 The flavin and haem prosthetic groups of cytochrome b_2 (*with* K. Shepley). Biochem. zeit. (Warburg festband) 338 (1963), 122-139.
 Flavin-haem interaction in crystalline cytochrome b_2 (*with* J. McD. Armstrong and R. K. Morton). In Symposium on intracellular respiration, Proc. of the 5th Internat. congress on biochem., Moscow 1961 (1963), 213-224.
 Inhibition of inosine 5'-phosphate dehydrogenase of Ehrlich Ascites-tumour cells by 6-thioinosine 5'-phosphate (*with* M. R. Atkinson and A. W. Murray). Biochem. jour. 89 (1963), 167.
 Isolation and characterisation of protein bodies from developing wheat endosperm (*with* J. S. D. Graham and J. K. Raison). Aust. jour. of biol. sci. 16 (1963), 375-383.
 Nicotinamide nucleotide coenzymes and glucose metabolism in the livers of foetal and new-born lambs (*with* O. H. Filsell, I. G. Jarrett, M. R. Atkinson and P. Caiger). Biochem. jour. 89 (1963), 92.
 Oxalic acid synthesis in shoots of *Oxalis pes-caprae* (*with* A. Millerd and J. R. E. Wells). Biochem. jour. 86 (1963), 57-62.
 Oxalic acid synthesis in shoots of *Oxalis pes-caprae*: the precursors of glycolic and glyoxylic acid (*with* A. Millerd and J. R. E. Wells). Biochem. jour. 88 (1963), 276.
 Physico-chemical studies on cytochrome b_2 ; sedimentation diffusion and electrophoresis of the crystalline deoxyribonucleoprotein (*with* J. McD. Armstrong and J. H. Coates). Biochem. jour. 86 (1963), 136-145.

- Physico-chemical studies on cytochrome b_2 ; some properties of modified forms of the enzyme and of the deoxyribonucleic acid component (with J. McD. Armstrong and J. H. Coates). *Biochem. jour.* 88 (1963), 363-370.
- The preparation of crystalline forms of ferrocytochrome b_2 and of ferrocytochrome b_2 (with K. Shepley). *Biochem. jour.* 89 (1963), 257.
- Studies of proteins of developing wheat endosperm. Fractionation by ion-exchange chromatography (with J. S. D. Graham and D. H. Simmonds). *Aust. jour. of biol. sci.* 16 (1963), 350-356.
- Studies of proteins of developing wheat endosperm. Separation by starch-gel electrophoresis and incorporation of [35 S] sulphate (with J. S. D. Graham). *Aust. jour. of biol. sci.* 16 (1963), 357-365.
- NEAL, LAURIE FREDERICK, B.A., Dip. Ed. (Lond.), Professor of Education.
Packaged education. *Aust. book rev. Children's book and educ. suppl.* (1963), 6.
Teaching and examining modern languages in schools (abridged version). *Jour. of the Aust. fed. of modern language teachers' assoc.* 24 (1963), 3-8.
Teaching and examining modern languages in schools (fuller version). *Education gazette of South Aust.* 79 (1963), 295-299.
- NEVILLE, MARGARET ELISABETH SUSAN, B.Sc. (Melb.), Ph.D. (Leeds), Lecturer in Biochemistry.
Effect of citrate on the metabolism of acetate by sheep tissues *in vitro* (with E. S. Holdsworth). *Biochim. et biophys. acta* 70 (1963), 338.
- NORRIE, DOUGLAS HECTOR, B.E. (Cant.), B.Sc. (Otago), A.M.I.Mech., A.F.R.Ae.S., A.M.R.I.N.A., Senior Lecturer in Mechanical Engineering.
An introduction to incompressible flow machines. 150p. London, Edward Arnold, 1963.
- O'CONNELL, DANIEL PATRICK, B.A., LL.M. (N.Z.), Ph.D. (Camb.), Professor of International Law.
La personnalité en droit international. Revue générale de droit international public 67 (1963), 6-43.
- OFFLER, ROBIN, B.Sc., Demonstrator in Geology.
Structural geology of the Strathalbyn anticline. *Trans. of the Roy. soc. of South Aust.* 87 (1963), 199-208.
- OLIVER, ROBIN LANGFORD, M.Sc. (N.Z.), Ph.D. (Camb.), Senior Lecturer in Geology.
Paleomagnetic results from the Beardmore Glacier region, Antarctica (with J. C. Briden). *New Zealand jour. of geol. and geophys.* 6 (1963), 388-394.
- OPIT, LOUIS JONAH, M.B., B.S., F.R.C.S., F.R.A.C.S., Senior Lecturer in Surgery.
A modified gastric test meal examination (with R. P. Jepson). *Med. jour. of Aust.* 1 (1963), 355.
Renal papillary necrosis (with N. J. Bonnin and W. D. Proudman). *Brit. jour. of surg.* 50 (1963), 375.
- PALEG, LESLIE GODELL, B.A. (Wash.), Ph.D. (Iowa), Senior Lecturer in Plant Physiology.
A barley endosperm bioassay for gibberellins. *Nature* 199 (1963), 823-824.
The effects of gibberellic acid and sugars on the dark germination of lettuce seeds. A. III 7. *Internat. symposium in physiol., ecol., and biochem. of germination.* (Ed. H. Borriess). Jena, Gustav Fischer, 1963.
The influence of coumarin and gibberellic acid on cereal endosperm. A. III 13. *Internat. symposium on physiol., ecol., and biochem. of germination.* (Ed. H. Borriess). Jena, Gustav Fischer, 1963.
- PAVILLARD, EUGENE ROBIN JOSEPH, M.B., B.S. (Lond.), Lecturer in Microbiology.
In vitro phagocytic and bactericidal ability of alveolar and peritoneal macrophages of normal rats. *Aust. jour. of exp. biol.* 41 (1963), 265.
- POLASEK, METODEY, Ph.D. (Duke), B.Ec., Lecturer in Economics.
The elasticity of import demand for raw apparel wool in the U.S. (with C. E. Ferguson). *Econometrica* 30 (1962), 671-699.
U.S. wool policy and its effects on apparel wool imports. *Aust. jour. of agricultural econ.* 6 (1962), 9-19.

- PORTER, REGINALD BERNARD, M.Sc., Demonstrator in Pharmacology.
The actions of tacrine and amiphenazole on acetylcholine metabolism in the guinea pig ileum (*with* I. S. de la Lande). *Aust. jour. of exp. biol.* 41 (1963), 149-162.
- POSNER, ALAN MEYER, B.Sc. (Lond.), Ph.D. (Camb.), Senior Lecturer in Soil Science.
Importance of electrolyte in the determination of molecular weights by "Sephadex" gel filtration with especial reference to humic acid. *Nature* 198 (1963), 1161-1163.
- POTTS, RENFREY BURNARD, D.Phil. (Oxford), B.Sc., Professor of Applied Mathematics.
Correlations and spontaneous magnetisation of the two-dimensional Ising model (*with* E. W. Montroll and J. C. Ward). *Jour. of math. phys.* 4 (1963), 308-322.
- PROVINS, KENNETH ALFRED, M.A. (Oxford), Ph.D. (Reading), Reader in Psychology.
The relation between physiological responses to environmental heat and time judgements (*with* C. R. Bell). *Jour. of exp. psychol.* 66 (1963), 572-578.
- RADDEN, BRYAN GRAY, B.D.Sc. (W.A.), Ph.D. (Lond.), F.D.S.R.C.S. (Eng.), Senior Lecturer in Oral Pathology.
Chronic mandibular osteomyelitis associated with a cementoma (*with* P. C. Reade). *Aust. dent. jour.* 8 (1963), 227-229.
Chronic osteomyelitis of the maxilla associated with a *Pseudomonas* infection (*with* P. C. Reade). *Brit. dent. jour.* 115 (1963), 246-249.
Mast cells in lymph nodes. *Jour. of dent. res.* 42 (1963), 7.
- REEVES, PETER, Ph.D. (Lond.), Research Fellow in Microbiology.
Preparation of a substance having colicin F activity from *Escherichia coli* C.A. 42. *Aust. jour. of exp. biol.* 41 (1963), 163.
- REID, ROSS TRELOAR WISHART, M.D., M.R.A.C.P., M.C.P.A., Reader in Pathology.
Subadventitial fibrosis stenosis of the main renal artery. *Med. jour. of Aust.* 2 (1963), 496-497.
- REYNOLDS, BRUCE LESLIE, B.Pharm. (Lond.), F.P.S., Senior Lecturer in Pharmacy.
Some observations on the mode of action of colicin F. *Biochem. and biophys. res. communications* 11 (1963), 140.
- ROBERTSON, EVELYN FRANCES, M.B., Ch.B. (Glas.), Lecturer in Child Health.
Effect of Na₃EDTA induced hypocalcemia upon the general and coronary hemodynamics of the intact animal. *Amer. heart jour.* 66 (1963), 83-87.
Effects of a new beta adrenergic blocking agent (nethalide; alderlin) upon the general and coronary haemodynamics of the intact animal. *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 511-516.
Studies in thalassaemia major. *Med. jour. of Aust.* II (1963), 705-707.
- ROBSON, HUGH NORWOOD, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P., M.R.C.P., Mortlock Professor of Medicine.
The genetic transmission of disease. *Med. jour. of Aust.* 1 (1963), 695-696.
- ROE, ERNEST, M.A. (Oxford), B.Ed. (Q'sld.), Senior Lecturer in Education.
Biggles and Blyton in South Australia. *Aust. lib. jour.* 12 (1963), 119-127.
Library lesson. *Opinion* 7 (1963), 44-45.
Role of libraries in education—some impediments and potentialities. *Proc. of the 12th biennial conf. of the Lib. assoc. of Aust.* Hobart, 1963.
Role of libraries in education—some research problems. *Aust. lib. jour.* 12 (1963), 57-64.
- ROGERS, GEORGE ERNEST, M.Sc. (Melb.), Ph.D. (Camb.), Reader in Biochemistry.
Lipids in keratinised tissues (*with* R. D. B. Fraser, T. P. MacRae and B. K. Filshie). *Jour. of mol. biol.* 7 (1963), 90-91.
Observations by light and electron microscopy on wool cuticle fractions obtained by ultrasonics (*with* J. H. Bradbury and B. K. Filshie). *Textiles res. jour.* 33 (1963), 251-257.
Separate synthesis of fibrillar and matrix proteins in the formation of keratin (*with* A. M. Downes and L. H. Sharry). *Nature* 199 (1963), 1059-1061.

- Some aspects of the ultrastructure of a-keratin, bacterial flagella and feather keratin (*with* B. K. Filshie). In *Ultrastructure of protein fibres* (ed. R. Borasky), p. 123-138. N.Y. Academic pr. 1963.
- The theory of shrinkproofing of wool. Part IV. Electron and light microscopy of polyglycine on the fibres (*with* J. H. Bradbury). *Textile res. jour.* 33 (1963), 452-458.
- The theory of shrinkproofing of wool. Part V. Electron and light microscopy of wool fibres after chemical treatments (*with* J. H. Bradbury and B. K. Filshie). *Textile res. jour.* 33 (1963), 617-630.
- ROGERS, WILLIAM PERCY, M.Sc. (W.A.), Ph.D., D.Sc. (Lond.), F.A.A., Professor of Parasitology.
The infective stage of nematodes and its significance in parasitism. *Adv. in parasitology* 1 (1963), 109-171.
- ROWLEY, DERRICK, M.D., Ph.D. (Lond.), Professor of Microbiology.
Endotoxin-induced changes in susceptibility to infections. Endotoxin symposium, Rutgers univ., 1963.
Phagocytosis. *Advances in immunology* 2 (1962), 241-264.
- RUDE, GEORGE FREDERICK ELLIOT, M.A. (Camb.), Ph.D. (Lond.), Professor of History.
John Wilkes and the re-birth of British radicalism. *Political sci. (Vict. Univ. of Wellington, N.Z.)* 14 (1962), 11-29.
Study of popular disturbances in the "pre-industrial" age. *Historical studies (Melb.)* 10 (1963), 457-469.
- RUDRUM, ALAN WILLIAM, B.A. (Lond.), Ph.D. (Nott.), Lecturer in English.
Henry Vaughan and the theme of transfiguration. *Southern rev.* 1 (1963), 54-68.
Review of Marilla, E.L. ed. *The secular poems of Henry Vaughan* (Lund, 1958). *AUMLA* 18 (1962), 261-263.
- SASSE, WOLFGANG HERMANN FRITZ, Ph.D., Senior Lecturer in Organic Chemistry.
The action of metal catalysts on pyridines (*with* G. M. Badger). *Adv. in heterocyclic chem.* 2 (1963), 179-202.
- A comparison of the efficiencies of catalysts derived from the metals of group VIII and from copper in the formation of biaryls from pyridine and quinoline (*with* G. D. F. Jackson and C. P. Whittle). *Aust. jour. of chem.* 16 (1963), 1126-1131.
- The dipyrido [1,2-c:2',1'-e]imidazolium cation, a new aromatic ring system (*with* I. C. Calder and T. M. Spotswood). *Tetrahedron letters* 2 (1963), 95-100.
- The formation of the 6,8-dihydrodipyrido [1,2-c:2',1'-e]oxadiazepidinium cation in the reaction of 2,2'-bipyridyl with methylene sulphate (*with* I. C. Calder and T. M. Spotswood). *Aust. jour. of chem.* 16 (1963), 289-291.
- The formation of 2,2'; 5',2"-terpyridyl in the reaction of pyridine with degassed raney nickel (*with* C. P. Whittle). *Aust. jour. of chem.* 16 (1963), 31-33.
- The hydrogenolysis of aromatic ethers by raney nickel (*with* G. S. Chandler). *Aust. jour. of chem.* 16 (1963), 20-30.
- Pschorr reactions with sulphonamides derived from *N*-benzyl-*o*-phenylenediamines: a new route to phenanthridine and a new type of molecular rearrangement (*with* J. L. Huppatz). *Aust. jour. of chem.* 16 (1963), 417-431.
- The role of hydrogen in the formation of 2,2'-bipyridyl from pyridine under the influence of degassed raney nickel (*with* C. P. Whittle). *Aust. jour. of chem.* 16 (1963), 14-19.
- SACHELL, GEOFFREY HAROLD, B.Sc. (Lond.), Ph.D. (Leeds), Senior Lecturer in Zoology.
Intrinsic vasomotion in the dogfish gill. *Jour. of exp. biol.* 39 (1962), 503-512.
An undescribed unilateral ocular reflex in the dogfish *Squalus acanthias* L. (*with* J. P. Bell). *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 221-234.
- SEYMOUR, PATRICK WILLIAM, Ph.D. (A.N.U.), C.G.I.A. (Lond.), A.M.I.E.E. (Lond.), Senior Lecturer in Mathematical Physics.
Remarks on the transport properties of a fully ionised gas with application to a radially constricted gas discharge. *Aust. jour. of physics* 16 (1963), 216-227.

- SHAW, ALLAN, B.A. (Brooklyn), B.M.E. (N.Y.), Memb. A.S.M.E., A.M.I.E. (Aust.), Senior Lecturer in Mechanical Engineering.
An American engineer's comments on the air-conditioning of multi-story buildings. *Architectural sci. rev.* 6 (1963), 60-66.
- SHELDON, JOHN CHARLES, Ph.D. (Nott.), Lecturer in Physical and Inorganic Chemistry.
S_n2 hydroxide attack of the chloromolybdenum (II) group. *Jour. of the Chem. soc.* (1963), 4183-4186.
- SLADE, ANTHONY MICHAEL, M.A. (Brist.), Lecturer in English.
Anna Karenin and the family ideal. *Southern rev.* 1 (1963), 85-90.
- SMART, JOHN JAMIESON CARSWELL, M.A. (Glas.), B.Phil. (Oxford), Hughes Professor of Philosophy.
Is time travel possible? *Jour. of philos.* 60 (1963), 237-241.
Materialism. *Jour. of philos.* 60 (1963), 651-662.
Philosophy and scientific realism. 160p. London, Routledge and Kegan Paul, 1963.
- STREHLOW, THEODOR GEORGE HENRY, M.A., Reader in Australian Linguistics.
Religion in aboriginal Australia. *Hemisphere* 7 (1963), 2-8.
- STRETTON, HELENA MARGARET, B.Sc., Research Assistant in Plant Pathology.
Nuclear distribution and behaviour throughout the life cycles of *Thanatephorus*, *Waitea* and *Ceratobasidium* species (*with* N. T. Flentje and E. J. Hawn). *Aust. jour. of biol. sci.* 16 (1963), 450-467.
- SVED, GEORGE, Dip.Mech.Eng. (Bud.), Reader in Civil Engineering.
The effect of non-linear foundation settlement on the distribution of bending moments in a building frame (*with* H. L. Kwok). Fourth Aust.-New Zealand conf. on soil mechanics and foundation engineering (1963), 18-22.
Diagram for solving thick cylinder problems. *Bull of mech. eng. educ.* 1 (1962), 137-139.
- TALBOT, JAMES LAWRENCE, B.A. (Camb.), M.A. (Calif.), Lecturer in Geology.
Retrograde metamorphism of the Houghton complex, South Australia. *Trans. of the Roy. soc. of South Aust.* 87 (1963), 185-196.
Xenoliths and xenocrysts from lavas of the Kerguelen Archipelago (*with* J. L. Hobbs, H. G. Wilshire and T. R. Sweatman). *Amer. mineralogist* 48 (1963), 159-179.
- TEMBY, ALLEN CHRISTOPHER, B.E., Research Worker in Electrical Engineering.
Active filter synthesis using feedback building blocks. *Proc. of the Institution of radio engineers, Aust.* 24 (1963), 631-638.
- TOMLIN, STANLEY GORDON, Ph.D. (Lond.), Reader in Physics.
On the absolute intensity of emission of characteristic X-radiation. *Proc. of the Phys. soc.* 81 (1963), 956-964.
The back-scattering of electrons from solids. *Proc. of the Phys. soc.* 82 (1963), 465-466.
- TURNER, KEVEN JAMES, Ph.D., Research Fellow in Microbiology.
Oposonins in pig serum and their purification (*with* D. Rowley). *Aust. jour. of exp. biol.* 41 (1963), 595-612.
- TYLER, MICHAEL J., Technical Assistant in the Department of Physiology.
Leeches as endoparasites of frogs (*with* K. H. Mann). *Nature* 197 (1963), 1224-1225.
A taxonomic study of amphibians and reptiles of the central highlands of New Guinea, with notes on their ecology and biology. I. Anura: Microhylidae. *Trans. of the Roy. soc. of South Aust.* 86 (1963), 11-29.
A taxonomic study of amphibians and reptiles of the central highlands of New Guinea, with notes on their ecology and biology. II. Anura: Ranidae and Hylidae. *Trans. of the Royal soc. of South Aust.* 86 (1963), 105-130.
- VAN DETH, JOHN HENRY MARTIN GODFREY, M.D. (Amsterdam), Reader in Anatomy and Histology.
Changes in water, sodium and potassium distribution in the duck's egg during incubation. *Aust. jour. of exp. biol. and med. sci.* 40 (1962), 173-190.
Glucose metabolism of the avian egg. *Aust. jour. of exp. biol. and med. sci.* 41 (1963), 129-140.

- WAKONIG-VAARTAJA, RESA, Ph.D. (Graz), Research Fellow in Obstetrics and Gynaecology.
 Correlation of chromosome size and radiosensitivity. *Nature* 198 (1963) 1105.
 Mutation as initiator of neoplasms and their secondary evolution. *Nature* 193 (1962), 144-145.
 Growth reduction, chromosome damage and mitotic inhibition produced in roots of *Vicia faba* by X-rays and by triethylene melamine (*with J. Read*). *Radiation bot.* 2 (1962), 53-63.
 A human tumour with identifiable cells as evidence for the mutation theory. *Brit. jour. of cancer* 16 (1962), 616.
 The origin of mitotic cells in normal thymus grafts (*with D. Metcalf*). *Lancet* 1 (1963), 1302-1304.
 Search for the essential factors of carcinogenesis. *Annals of the New York acad. of sci.* 105 (1963), 1-24.
- WALLACE, ROBERT HENRY, B.Com. (Melb.), B.Phil. (Oxford), Senior Lecturer in Economics.
 Lessons of the 1960 bank credit 'squeeze' (*with R. W. Davis*). *Aust. econ. papers* 2 (1963), 37-55.
- WANGEL, ANDERS GUSTAF, M.B., B.S., M.R.A.C.P., Temporary Lecturer in Medicine.
 The motility of the large bowel in diarrhoeal states (*with D. J. Deller*). *Med. res.* 1 (1963), 81-82.
- WARCUP, JOHN HENRY, M.Sc. (N.Z.), Ph.D. (Camb.), Senior Lecturer in Microbiology, Department of Plant Pathology.
 Occurrence of dormant ascospores in soil (*with K. F. Baker*). *Nature* 197 (1963), 1317-1318.
- WEST, BRUCE OSWALD, Ph.D. (Adel. and Camb.), Reader in Inorganic Chemistry.
 Conductances of some group V quaternary onium iodomercurate (II) complexes (*with B. G. Deacon*). *Aust. jour. of chem.* 16 (1963), 579-584.
 The exchange of metal ions with quadridentate complexes. Part I. The effects of metal salts and solvents (*with W. W. Fee*). *Aust. jour. of chem.* 16 (1963), 779-787.
 The exchange of metal ions with quadridentate complexes. Part II. Copper ions with several nickel complexes (*with W. W. Fee*). *Aust. jour. of chem.* 16 (1963), 788-793.
 Perfluoroalkyl bismuth compounds I. Mixed alkylperfluoroalkyl derivatives (*with T. N. Bell and B. J. Pullman*). *Aust. jour. of chem.* 16 (1963), 636-646.
 The reactions of perfluoroalkyl radicals with metals (*with T. N. Bell and B. J. Pullman*). *Aust. jour. of chem.* 16 (1963), 722-724.
- WHELAN, ROBERT FORD, B.A.O., M.D., Ph.D., D.Sc. (Belf.), F.R.A.C.P., Professor of Human Physiology and Pharmacology.
 Action of adrenaline on limb blood vessels (*with I. S. de la Lande*). *Brit. med. bull.* 19 (1963), 125-131.
 Autonomic transmitter mechanisms (*with S. L. Skinner*). *Brit. med. bull.* 19 (1963), 120-124.
 Blood flow and venous oxygen saturation during sustained contraction of the forearm muscles (*with H. Barcroft and B. Greenwood*). *Jour. of physiol.* 168 (1963), 848-856.
 Effects of bretylium and guanethidine on human hand and forearm vessels and on their sensitivity to noradrenaline (*with C. J. Cooper, J. D. Fewings and R. L. Hodge*). *Brit. jour. of pharmacol.* 21 (1963), 165-173.
- WILLIAMS, MICHAEL, Ph.D. (Wales), Lecturer in Geography.
 Draining and reclamation of Meare Pool, Somerset. Somerset River board. *Ann. rept.* 13 (1962/63), 52-53.
 Draining and reclamation of the Somerset Levels, 1770-1833. *Trans. of the Inst. of Brit. geog.* 33 (1963), 163-179.
 River diversions on the Parrett in the 17th and 18th centuries. Somerset River board. *Ann. rept.* 13 (1962/63), 53-55.
- WOMERSLEY, HUGH BRYAN SPENCER, D.Sc., Reader in Botany.
 A review of marine botanical research in Australia. *Aust. marine sciences newsletter* 3 (1963), 9-12.

- WRIGHT, FREDERICK KENNETH, B.Met.E., B.Com. (Melb.), Senior Lecturer in Commerce.
- Accounting for inflation. *Aust. accountant* 33 (1963), 377-379.
- Depreciation theory and the cost of funds. *Accounting rev.* 38 (1963), 87-90.
- Measuring project profitability: rate of return or present value? *Accounting rev.* 37 (1962), 433-437. A rejoinder. *Accounting rev.* 38 (1963), 552-553.
- Project evaluation and business growth. *Aust. accountant* 33 (1963), 477-488.
- Taxation and business surplus: a comment. *Econ. rec.* 39 (1963), 236-238.

Financial Statements

1963

THE UNIVERSITY

Income and Expenditure Account for the

NORTH TERRACE	INCOME		1963	1962
	Schedule			
			£	£
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the University Act			39,000	39,000
Grant for 1963			2,051,120	1,944,000
			<u>2,090,120</u>	<u>1,983,000</u>
<i>Interest—</i>				
Commonwealth Inscribed Stock			3,332	6,977
Debentures			11,980	8,048
Treasury of South Australia			31,660	18,934
Agent-General			228	430
Mortgage Advances			1,525	1,898
Interest on Advances			52	—
			<u>48,777</u>	<u>36,287</u>
Less Interest credited to Special Funds	M		17,570	16,407
			<u>31,207</u>	<u>19,880</u>
<i>Interest and Dividends on Investments</i>			14,991	14,655
<i>Student Fees</i>	N		359,205	245,135
<i>Other Income</i>	O		33,330	25,137
Deficit — 1963			8,509	2,575
Total North Terrace			<u>2,537,362</u>	<u>2,290,382</u>
Total Waite Institute			400,274	372,109
Total Bedford Park			77,043	—
			<u>£ 3,014,679</u>	<u>£ 2,662,491</u>

OF ADELAIDE

year ended 31st December, 1963

NORTH TERRACE		EXPENDITURE		
		Schedule	1963 £	1962 £
<i>Departmental—</i>				
Salaries and Wages	.....	A	1,403,610	1,270,340
Travelling Expenses—New Appointments	.....		22,371	24,172
Faculty Expenses	.....	B	19,940	16,383
Laboratory Maintenance Grants	.....	A	125,345	107,874
Equipment and Furniture under £5,000	.....	A	85,786	91,903
			<u>1,657,052</u>	<u>1,510,672</u>
<i>Library—</i>				
Salaries	.....		68,302	59,744
Books and Binding	.....		71,596	63,221
			<u>139,898</u>	<u>122,965</u>
<i>Administrative Salaries</i>	.....		114,102	109,341
<i>Research—</i>				
Salaries	.....	A	56,749	47,987
Equipment	.....	A	37,377	38,120
Maintenance	.....	A	37,702	43,415
Travelling Expenses	.....	A	4,207	4,599
			<u>136,035</u>	<u>134,121</u>
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages	.....		71,907	62,839
Building Repairs, Maintenance, Minor Reconstructions, et cetera	.....	C	117,942	98,655
Maintenance of Site and Grounds	.....		24,202	17,048
Maintenance of Sports Grounds	.....		11,731	11,612
			<u>225,782</u>	<u>190,154</u>
<i>University College Scholarships</i>	.....		7,000	7,000
<i>Sundry—</i>				
Payroll Tax	.....		43,899	38,996
Scholarships and Prizes	.....	D	18,234	12,669
General Expenses—Printing, Stationery, Miscellaneous	.....	E	79,670	66,754
Gas, Water, Electricity, Insurance	.....	F	56,263	43,321
Special Grants	.....	G	28,884	28,345
Study Leave	.....	H	22,683	22,475
Superannuation Retiring Allowances	.....		7,860	3,569
			<u>257,493</u>	<u>216,129</u>
Total North Terrace	.....		<u>2,537,362</u>	<u>2,290,382</u>
Total Waite Institute	.....		400,274	372,109
Total Bedford Park	.....		77,043	—
			<u>£ 3,014,679</u>	<u>£ 2,662,491</u>

THE UNIVERSITY

Income and Expenditure Account for the

INCOME								
WAITE AGRICULTURAL RESEARCH INSTITUTE—								
<i>Schedule</i>								
						£	1963	1962
						£	£	£
<i>Government Grants—</i>								
H.M. Government of S.A.—Under the								
University Act						5,000		5,000
Grant for 1963						381,000		355,000
							386,000	360,000
<i>Interest</i>						P	12,403	9,275
<i>Other Income</i>						Q	1,405	1,312
<i>Deficit — 1963</i>							466	1,522

£ 400,274 £ 372,109

OF ADELAIDE

year ended 31st December, 1963 — Continued

EXPENDITURE			1963	1962
WAITE AGRICULTURAL RESEARCH INSTITUTE—		Schedule	£	£
			£	£
<i>Departmental—</i>				
Salaries and Wages	I	185,309		179,653
Travelling Expenses—New Appointments		1,448		1,404
Faculty Expenses		2,528		903
Laboratory Maintenance Grants	I	27,561		28,801
Equipment and Furniture under £5,000	I	19,740		25,966
			236,586	236,727
<i>Library—</i>				
Salaries		2,907		3,700
Books and Binding		5,323		6,798
			8,230	10,498
<i>Administrative Salaries</i>			28,553	24,677
<i>Research—</i>				
Salaries	I	5,715		—
Equipment	I	2,774		—
Maintenance	I	2,168		—
Travelling Expenses	I	130		—
			10,787	—
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		7,839		7,903
Building Repairs, Maintenance, Minor Reconstructions, et cetera	J	22,624		21,975
Maintenance of Site and Grounds		5,594		5,330
			36,057	35,208
<i>Sundry—</i>				
Payroll Tax		5,844		5,692
General Expenses—Printing, Stationery, Miscellaneous	K	19,093		19,260
Gas, Water, Electricity, Insurance		18,841		17,776
Study Leave		6,985		3,831
Superannuation Retiring Allowances		6,654		—
			57,417	46,559
<i>Farm—</i>				
Wages (including Gardeners)		16,078		14,868
Maintenance		4,515		2,316
Equipment		2,051		1,256
			22,644	18,440
			<u>£ 400,274</u>	<u>£ 372,109</u>

THE UNIVERSITY

Income and Expenditure Account for the

		INCOME		
BEDFORD PARK		<i>Schedule</i>	1963	1962
		£	£	£
<i>Government Grants—</i>				
Grant for 1963		76,000	—
Deficit — 1963		1,043	—
			£ 77,043	—

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling £296,110, detailed on pages 464-471 inclusive of these accounts.

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of the University of Adelaide, in respect of the year which ended on the 31st day of December, 1963, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

We further certify that in terms of section 4 (1) and 5 of the States Grants

OF ADELAIDE

year ended 31st December, 1963 — Continued

EXPENDITURE				
BEDFORD PARK	Schedule	£	1963 £	1962 £
Academic Schools — Salaries and Wages		1,050	—
Travelling Expenses — New Appointments		2,292	—
Administrative Salaries		11,986	—
Library Salaries		4,914	—
Library Books		43,451	—
Library Maintenance		335	—
Payroll Tax		687	—
Maintenance of Site		5,569	—
Gas, Water, Electricity		161	—
Insurance		68	—
General Expenses, Printing, Stationery, Miscellaneous	..... L		6,530	—
			<u>£ 77,043</u>	<u>—</u>

(Universities) Act, 1960, in relation to the year 1963, the above financial statement correctly sets out the fees and State Grants received by the University of Adelaide and that the Commonwealth grant for recurrent purposes paid to the University in that year has been applied for expenditure (not being capital expenditure exceeding £5,000 on any one item) on University purposes.

ANNELLS, HUNWICK & CO., Chartered Accountants,
STEELE & CALDER, Chartered Accountants.

Adelaide, 10th April, 1964.

1963 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES
DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

A.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	18,388	27	298	—	—	—	—	18,713
Philosophy	16,063	1	90	—	—	—	—	16,154
Psychology	42,334	2,190	1,389	1,949	1,191	777	57	49,887
Politics	16,300	14	—	—	—	17	—	16,331
History	49,038	262	166	600	—	176	381	50,623
English	47,180	216	224	1,576	—	10	289	49,495
French	14,283	19	28	—	—	—	—	14,330
German	16,202	94	136	262	679	3	54	17,430
Geography	31,421	1,338	753	12	186	352	1,208	35,270
Anthropology	4,000	85	17	2,443	—	637	—	7,182
Education	19,945	141	304	—	—	—	—	20,390
Economics	48,020	894	221	3,056	—	16	191	52,398
Commerce	19,019	211	204	866	—	—	84	20,384
Physics	74,962	10,476	9,121	6,102	7,235	5,292	98	113,286
Organic Chemistry	45,336	11,334	5,242	5,323	1,670	7,560	14	76,479
Physical & Inorganic Chemistry	62,617	11,800	5,650	5,072	4,941	4,376	—	94,456
Mathematics	55,397	292	243	—	435	—	—	56,367
Mathematical Physics	12,011	690	129	2,122	—	—	—	14,952
Geology	41,595	2,301	3,261	2,000	1,159	161	237	50,714
Economic Geology	12,611	711	574	275	180	—	—	14,351
Botany	40,621	4,588	5,048	4,663	1,281	1,565	495	58,261
Zoology	39,844	3,700	2,480	3,891	1,730	1,503	644	53,792
Botany Field Stations	—	111	—	—	—	—	—	111
Genetics	22,450	1,633	801	50	1,135	732	30	26,831
Biochemistry	29,751	9,903	7,790	2,142	3,610	1,152	5	54,353
Physiology	38,343	2,953	4,068	1,372	1,102	1,498	—	49,336
Medical Workshop	—	447	139	—	—	—	—	586
Carried Forward	£817,731	£66,431	£48,376	£43,776	£26,534	£25,827	£3,787	£1,032,462

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£817,731	£66,431	£48,376	£43,776	£26,534	£25,827	£3,787	£1,032,462
Microbiology	37,019	4,539	1,795	4,834	132	787	24	49,130
Pathology	36,103	2,357	935	—	—	—	—	39,395
Medical Animal House	—	1,272	951	—	—	—	—	2,223
Anatomy	33,153	1,155	1,062	—	—	—	—	35,370
Medicine	27,602	1,768	640	—	—	—	—	30,010
Obstetrics	26,545	1,845	728	—	—	—	—	29,118
Surgery	29,731	1,809	559	—	—	—	—	32,099
Child Health	13,967	787	536	—	—	—	—	15,290
Mental Health	3,416	192	494	—	—	—	—	4,102
Pharmacy	—	—	—	—	—	—	—	766
Dentistry	41,691	1,562	1,852	104	218	548	—	45,445
Administration	—	—	1,530	—	12	124	100	1,530
Library	—	3,562	1,427	—	—	—	—	4,989
Medical School Administration	—	—	41	—	—	—	—	41
Law	31,068	446	27	2,576	17	419	237	34,790
Music	17,360	—	—	—	—	—	—	17,360
Elder Conservatorium	30,868	4,130	1,887	—	—	—	—	36,885
Elder Conservatorium—Opera	—	706	—	—	—	—	—	706
Elder Conservatorium—Sundries	—	19	—	—	—	—	—	19
Elder Conservatorium—Concerts	—	100	—	—	—	—	—	100
Civil Engineering	51,569	1,932	2,767	458	1,227	298	22	58,273
Mechanical Engineering	44,332	2,543	2,908	—	2,182	957	27	52,949
Electrical Engineering	41,334	3,462	3,706	1,735	1,297	558	—	52,092
Chemical Engineering	27,623	2,525	2,417	1,546	1,187	1,307	—	36,605
Architecture	28,906	1,344	1,903	—	190	24	—	32,367
Cirrus Computer	—	—	—	—	4,333	—	—	4,333
Engineering Survey Camp	—	804	25	—	—	—	—	829
Carried Forward	£1,340,018	£105,290	£76,566	£55,029	£37,329	£30,849	£4,197	£1,649,278

FINANCIAL STATEMENTS

A. DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Carried Forward	£1,340,018	£105,290	£76,566	£55,029	£37,329	£30,849	£4,197	£1,649,278
Engineering Workshop	—	1,529	1,519	—	—	—	—	3,048
Social Studies	12,178	36	32	—	3	8	10	12,267
Physiotherapy	10,951	83	290	—	—	—	—	11,324
Carpenters' Workshop	—	—	446	—	—	—	—	446
Maintenance Workshop	—	—	51	—	—	—	—	51
Electrical Maintenance W'shop	—	—	18	—	—	—	—	18
Pensions and Gratuities	2,257	—	—	—	—	—	—	2,257
Photo Services	—	286	434	—	—	—	—	720
Electronic Workshop	—	—	467	—	—	—	—	467
Physical Education	9,325	580	550	—	45	4	—	10,504
Optometry	211	28	—	—	—	—	—	239
Books for Research Purposes	—	—	—	—	—	3,419	—	3,419
Gardeners	—	—	100	—	—	—	—	100
Ancillary Staff Superannuation	6,394	—	—	—	—	—	—	6,394
Caretakers	—	—	3,594	—	—	—	—	3,594
Computing Centre	13,629	13,517	1,249	1,720	—	3,422	—	33,537
Central Animal House	3,991	3,289	215	—	—	—	—	7,495
Radiation Safety Service	—	161	91	—	—	—	—	252
Australian Science Technicians' Association	—	236	—	—	—	—	—	236
Health Service	4,656	310	164	—	—	—	—	5,130
TOTAL	£1,403,610	£125,345	£85,786	£56,749	£37,377	£37,702	£4,207	£1,750,776

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

EXPENDITURE			
NORTH TERRACE			
		£	£
B. Faculty Expenses—			
Arts—Printing and Stationery		903	
„ Advertising		1,628	
„ Additional Examiners and Supervisors		198	
Education—Advertising		78	
Economics—Printing and Stationery		214	
„ Advertising		707	
„ Additional Examiners and Supervisors		8	
Science—Printing and Stationery		830	
„ Advertising		2,858	
„ Additional Examiners and Supervisors		872	
Medicine—Printing and Stationery		122	
„ Advertising		1,514	
„ Additional Examiners and Supervisors		1,946	
Commerce—Advertising		50	
„ Printing and Stationery		6	
Dentistry—Printing and Stationery		79	
„ Advertising		791	
„ Additional Examiners and Supervisors		553	
Law—Printing and Stationery		98	
„ Advertising		250	
„ Additional Examiners and Supervisors		14	
Music—Printing and Stationery		73	
„ Advertising		33	
„ Additional Examiners and Supervisors		37	
Conservatorium—Printing and Stationery		3	
„ Advertising		71	
Engineering—Printing and Stationery		442	
„ Advertising		777	
„ Additional Examiners and Supervisors		74	
Social Studies—Printing and Stationery		16	
„ Advertising		132	
Physiotherapy—Printing and Stationery		36	
„ Advertising		76	
Architecture—Printing and Stationery		30	
„ Advertising		180	
Technology—Printing and Stationery		178	
Pharmacy—Advertising		64	
Examination Expenses—Degree and Diploma		2,097	
Physical Education—Printing and Stationery		16	
„ Advertising		266	
Faculty Expenses—General		1,620	
		-----	<u>£ 19,940</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

EXPENDITURE

	£	£
C. <i>Building Repairs, Maintenance, Minor Reconstructions, et cetera—</i>		
Mitchell Building	13,521	
Elder Conservatorium	3,842	
Bonython Hall	70	
Prince of Wales Building	3,622	
The Jarrah Building	54	
Physics Building	2,574	
Darling Building	13,005	
Observatory	349	
Union Buildings	3,062	
Johnson Laboratories	7,018	
Maintenance Superintendent's Residence ..	35	
Benham Building	14,799	
Barr Smith Library	861	
Mathematics Building	516	
Main Engineering Building ..	6,701	
Mechanical Engineering Building ..	1,977	
Medical Building	15,019	
Mawson Laboratories	10,930	
Maintenance Workshop	1,124	
Organic Chemistry Building	1,364	
R. A. Fisher Laboratories	1,024	
Napier Building	710	
Seismograph Vault — Cleve ..	1,761	
Central Animal House	2,528	
Bragg Laboratories	239	
Staff Club Building	616	
Computing Centre	8	
Physical Education Offices ..	86	
Building Repairs—Miscellaneous	7,031	
Genetics Glasshouse	377	
Engineering Annexe	2,610	
St. Kilda Field Station	509	
	-----	<u>£ 117,942</u>

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1963

NAME	Opening Balance 1/1/63	Income	Expenditure	Closing Balance 31/12/63
Angas Engineering Scholarship	425	171	346	250
John Howard Clark Prize	125	24	20	129
Stow Prizes & Scholarship	—	25	15	10
Everard Scholarship	34	42	30	46
Eric Smith Scholarship	51	28	—	79
Archibald Mackie Bursary	26	5	—	31
Roby Fletcher Prize	—	6	10	—
Dr. Davies Thomas Scholarships	7	24	20	11
Hartley Studentships	—	24	13	11
Joseph Fisher Medal & Lecture	—	40	—	40
Tinline Scholarship	36	41	—	77
David Murray Scholarship	1,595	120	113	1,602
John Bagot Scholarship	527	41	—	568
Bundey Prize	55	10	—	65
John Creswell Scholarships	392	65	96	361
Carried Forward	£3,273	£666	£663	£3,280

THE UNIVERSITY OF ADELAIDE

Schedules - Income and Expenditure Account, 1963 - Continued

NAME	Opening Balance 1/1/63	Income	Expenditure	Closing Balance 31/12/63
Brought Forward				
Alexander Clark Memorial Prize	£3,273	£666	£663	£3,280
Lister Prize	82	14	—	96
John Lorenzo Young Scholarship	—	4	19	—
John L. Young Scholarship	197	20	15	202
Dr. Charles Gosse Lectureship	548	61	40	569
Eugene Alderman Scholarship	419	62	12	469
Ernest Ayers Scholarship	24	31	19	36
George Thompson Bursary	800	77	90	787
Rennie Scholarship	28	7	—	35
Fred Johns Scholarship	2	13	—	15
Archibald Watson Prize	1,693	128	—	1,821
T. G. Wilson Travelling Scholarship	10	7	6	11
R. W. Bennett Prizes and Medals	784	132	—	916
Sir Robert Chapman Prize	58	22	8	72
Anna Florence Booth Prize	11	12	10	13
William Gardner Scholarship	166	37	—	203
Shorney Prize	—	82	82	—
Lucy Josephine Bagot Prize	209	48	15	242
The Angas Parsons Prize	22	21	—	43
Selbourne Moutray Russell Scholarship	188	44	—	232
Varley Scholarship	170	46	17	199
Barr Smith Prize	181	47	50	178
Andrew Scott Prize	25	6	10	21
James Gartrell Prize	—	5	6	—*
Tormore Prize	—	8	—	8
M. Rees George Memorial Prize	20	5	6	19
Jefferis Memorial Medal	59	10	6	63
Tate Memorial Medal	36	3	3	36
The Cablemakers Association Prize	12	3	—	15
Lokan Prize	—	11	11	—
A.M.A. (Section of Clinical Medicine) Prize	16	5	3	18
Roche Products Prize	11	10	21	—
Faulding Scholarship in Expl. Pharmacology	—	35	35	—
Australian Dental Association Prize	—	150	150	—
St. Alban Scholarship	—	16	16	—
League of Nations Prize	6	6	—	12
Wyeth Prize in Obstetrics	157	10	—	167
Thorner Bursary	—	—	—	—
Keith Sheridan Prize	37	19	22	34
Mining & Metallurgical Bursaries	423	35	—	458
E. W. Way Lectureship	—	350	350	—
Tennyson Medals	39	20	—	59
Elder Prize	5	4	3	6
Robert Whinham Prize	—	—	10	—
Hardwicke College Prize	3	3	—	6
Way College Prize	3	4	3	4
Annie Montgomerie Martin Prize	7	8	—	15
Justin Skipper Prize	1	6	1	6
J. E. Jenkins Scholarships	47	8	—	55
Gladys Lloyd Thomas Scholarships	328	287	200	415
James Barrans Scholarship	29	21	17	33
Australian Society of Accountants Prize	428	136	60	504
Elsie Marion Cornish Prize	—	30	30	—
S.A. Chamber of Manufactures Prize No. 2	53	12	—	65
Dental Board of S.A. Prize	—	—	10	10Dr.
Anders & Reimers Scholarships	11	—	—	11
Sir Archibald Strong Memorial Prize	284	42	11	315
Gavin David Young Lectureship	236	28	15	249
Electricity Trust of S.A. Prize	427	111	255	283
Dental Board of S.A. Research Scholarship	—	11	11	—
Thomas Gepp Prize	80	23	—	103
Violet de Mole Prize	50	10	—	60
J. B. Cleland Prize	173	25	5	193
E. Harold Davies Scholarship	—	5	5	—
Edith Hubbe & Harriet Cook Prize	55	22	17	60
Natalia Davies Prize	145	25	16	154
	16	13	10	19
Carried Forward	£12,087	£3,122	£2,364	£12,875

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

NAME	Opening Balance 1/1/63	Income	Expenditure	Closing Balance 31/12/63
Brought Forward	£12,087	£3,122	£2,364	£12,875
Baker Scholarship	730	193	300	623
T. L. Borthwick Prize	2	4	3	3
C. & J. Campbell Prize	33	21	15	39
Elder Travelling Scholarship	66	23	—	89
Guli Magarey Scholarship	19	21	33	7
Frederick Bevan Memorial Scholarship	124	29	21	132
E. V. Clark Prize	123	5	7	121
William Culross Prize	4	10	8	6
Eva Lines Memorial Scholarship	92	23	15	100
Sir Hugh Cairns Memorial Prize	118	50	30	138
D. B. Adam Memorial Prize	36	14	—	50
Maude Puddy Scholarship	65	23	5	83
Gerard Prize	21	21	21	21
Tew Prize	5	4	3	6
Baillieu Research Scholarship	1,522	253	75	1,700
Rutter Jewell-Thomas Medal & Prize	207	29	61	175
Institute of Chartered Accountants Prize in Financial Accounting	11Dr.	21	10	—
Dr. Ruby Davy Scholarship	150	18	—	168
T. E. Barr Smith Travelling Scholarship	2,490	847	942	2,395
John Barker Scholarship	328	133	—	461
Thomas D. Hannon Prize	26	6	4	28
Philips Electrical Industries Prize in Electronics	—	60	60	—
William Dnnithorne Award	82	122	80	124
Pfizer Prize in Gynaccology	25	50	25	50
George Murray Scholarships	—	—	10,938	—*
Athol Lykke Award	530	153	301	382
Chapman Memorial Scholarship	187	67	—	254
Weimar-Ohlstrom Prizes	18	18	18	18
John Lewis Prize (Royal Geographical Society of Australasia)	—	5	5	—
The British Psychological Society Prize	5	5	5	5
J. R. Wilton Prize	6	5	—	11
Charles Fenner Prize in Geography	6	5	5	6
Sir A. Grenfell Prize in Geography	8	11	5	14
The Byard Prize	17	7	6	18
The Shell Prize in Mechanical Engineering	25	—	25	—
The Shell Prize in Economics	25	—	25	—
Adelaide Chamber of Commerce Prize	—	10	10	—
Kenneth & Hazel Milne Travelling Scholarship in Architecture	826	364	401	789
Economic Society Prize	—	10	10	—
The Hume Prize in Civil Engineering	—	—	—	—
Australian College of General Practitioners Prize	—	20	20	—
Forwood Down Prize in Mechanical Engineering	—	21	21	—
The Lienau Prize	20	21	—	41
Clement Q. Williams Memorial Prize	10	21	—	31
The James Hardie Prize in Architecture	—	—	50	50Dr.
Petroleum Refineries (Aust.) Ltd., Prize in Chemical Engineering	—	32	32	—
Albright & Wilson Prize	—	50	—	50
Florence Cooke Violin Prize	14	7	—	21
Union Carbide Prizes	50Dr.	100	50	—
J. G. Wood Memorial Scholarship	3	26	—	29
Fisk Prize of Institution of Radio Engineers	—	10	10	—
S.A. Institute of Architects Prize	—	—	31	31Dr.
A. J. Schulz Bequest	548	111	55	604
Australian Welding Institute Prize	—	20	20	—
Sir William Goodman Scholarship	307	242	100	449
Bertha H. Sudholz Scholarship	149	86	—	235
The James Hardie Prize in Civil Engineering	—	50	50	—
Edith Puddy Prize	—	6	6	—*
Hope Crampton Prize	—	6	5	1
South Australian Gas Company Prize in Architecture	—	100	200	100Dr.
Smith, Kline & French Prize in Microbiology	50	50	—	100
Carried Forward	£21,048	£6,741	£16,486	£22,271

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1963 – Continued

NAME	Opening Balance 1/1/63	Income	Expenditure	Closing Balance 31/12/63
Brought Forward	£21,048	£6,741	£16,486	£22,271
Sir Ronald Fisher Medal & Prize	—	5	—	5
Philips Prizes Physics I	—	50	—	50
Philips Prizes Physics II	—	50	—	50
Philips Prizes Physics III	—	100	—	100
Philips Prizes Honors Degree of Science in Physics	—	100	—	100
Herbert John Wilkinson Memorial Prize	—	69	100	—*
Delta Sigma Delta Prize in Dentistry	—	10	10	—
Johnson & Johnson Prizes	—	100	100	—
General Practice Study Group Prize	—	10	10	—
	£21,048	£7,235	£16,706	£22,576

* The closing balances of these scholarship accounts have been transferred to the Income and Expenditure account.

Expenditure (Column 3)				£16,706
Excess—Closing Balance			£22,576	—
Opening Balance	£21,048		—	£1,528
				£18,234

EXPENDITURE

NORTH TERRACE

	£	£
E. General Expenses—		
Caretaking and Cleaning	7,747	
Miscellaneous Charges	3,878	
Printing and Stationery—General	16,469	
Advertising—General	935	
Bank Charges and Duty Stamps	796	
Postages and Telegrams	6,887	
Maintenance of Office Machines	1,145	
Auditors' Fees and Legal Expenses	1,246	
Senate	431	
Telephone Charges	17,770	
Calendar—Printing	5,657	
Visiting Lecturers—Expenses	28	
Fire Protection Charges	1,365	
Laundry Services	3,786	
Travelling Expenses	3,470	
Australian Vice-Chancellors' Committee— Expenses	1,383	
Maintenance of Lifts—General	520	
Maintenance of Lifts—Medical Building	587	
General Service Vehicle Maintenance	483	
Maintenance of Lifts—Organic Chemistry	51	
Interest on Overdraft	2	
Staff Fees Payable to Institute of Technology and other Schools	305	
Heating Fuel Account— Napier Building	367	
Bragg Laboratories	31	
Barr Smith Library	568	
Geography Excursions	518	
S.A. Institute of Technology	398	
Geology Excursions	302	
Botany Excursions	205	
Carried forward	77,330	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

EXPENDITURE			
NORTH TERRACE			
		£	£
Brought forward	.....	77,330	
Geology Maps	.....	3	
Dental Lockers	.....	19	
Laboratory Breakages	.....	4,854	
Departmental Removal Expenses	.....	186	
Careers Exhibition	.....	236	
		<u>82,628</u>	
 <i>Deduct Credit Balances—</i>			
Discount Received	.....	810	
Overhead Recovery	.....	2,148	
		<u>2,958</u>	
			<u>79,670</u>
 <i>F. Gas, Water, Electricity and Insurance—</i>			
Gas and Electricity Supply	.....	35,383	
Water Rates	.....	10,769	
Insurance Premiums	.....	10,111	
		<u>56,263</u>	
 <i>G. Special Grants—</i>			
Adult Education	.....	20,500	
Publications Fund	.....	300	
Graduates' Union	.....	906	
Staff Club	.....	1,000	
Australian Institute of Nuclear Science and Engineering	.....	1,500	
Theatre Guild	.....	228	
Anthropological Research	.....	200	
Postgraduate Committee in Medicine	.....	3,200	
Australian Journal	.....	1,050	
		<u>28,884</u>	
 <i>H. Study Leave—</i>			
General	.....	17,465	
Research—Type Conferences	.....	4,169	
Visiting Lecturers	.....	683	
Short Overseas Conferences	.....	366	
		<u>22,683</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE
DEPARTMENTAL FUNDS EXPENDED - 1963

I.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Agronomy and Plant Breeding	59,197	5,526	3,597	1,821	717	—	—	70,858
Agricultural Chemistry	38,560	7,605	4,154	1,120	543	68	—	52,050
Plant Pathology	34,171	4,647	3,061	1,477	—	1,645	114	45,115
Entomology	34,710	3,242	2,664	131	970	51	—	41,768
Plant Physiology	18,671	3,365	2,198	1,166	44	404	16	25,864
South Wing Basement	—	222	—	—	—	—	—	222
Glasshouses	—	2,351	—	—	—	—	—	2,351
Fruit Fly	—	92	—	—	—	—	—	92
Students	—	419	564	—	—	—	—	983
Sheep Yard	—	92	—	—	—	—	—	92
Administration	—	—	2,254	—	—	—	—	2,254
Biometrics	—	—	—	—	500	—	—	500
Lab. Furniture	—	—	1,248	—	—	—	—	1,248
	£185,309	£27,561	£19,740	£5,715	£2,774	£2,168	£130	£243,397

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

EXPENDITURE

WAITE INSTITUTE

	£	£
J. Building Repairs, Maintenance, Minor Reconstructions, et cetera—		
Laboratories—General	20,496	
Urrbrae House and Cottages	923	
Miscellaneous	1,205	
	<u>22,624</u>	
K. General Expenses—		
Telephone	3,018	
Printing and Stationery	2,817	
Freight and Cartage	147	
Photography	408	
Publications	789	
Travelling Expenses—		
General Administration	483	
Agronomy and Plant Breeding	2,264	
Agricultural Chemistry	628	
Plant Pathology	648	
Entomology	2,388	
Plant Physiology	731	
Advertising	235	
Postages	1,093	
Laundry	823	
Cleaners' Materials	797	
Sundries	1,715	
Travelling Expenses—		
Farm	29	
Central Animal House	80	
	<u>19,093</u>	

BEDFORD PARK

L. General Expenses—		
Advertising	2,515	
Printing and Stationery	257	
Travelling Expenses	622	
Rent, Rates and Taxes	2,792	
Miscellaneous	258	
Telephone	86	
	<u>6,530</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1963 — Continued

INCOME

NORTH TERRACE

	£	£
M. Interest—		
Commonwealth Inscribed Stock	3,332	
Treasury of South Australia Interest	31,660	
Mortgage Advances	1,525	
Interest on Advances	52	
Agent-General—Interest	228	
Interest on Debentures	11,980	
	<u>48,777</u>	
<i>Less:</i>		
<i>Interest Credited to Special Funds—</i>		
Personal Superannuation Accumulation		
Accounts	8,810	
Other Trust Funds	8,760	
	<u>17,570</u>	
		<u>31,207</u>
N. Fees—		
Arts	35,966	
Economics	22,905	
Science	64,359	
Medicine	75,577	
Dentistry	12,062	
Law	24,741	
Music	3,038	
Conservatorium	13,053	
Engineering	38,712	
Technology	1,769	
Social Studies	7,244	
Physiotherapy	7,255	
Agricultural Science	9,587	
Optometry	394	
Physical Education	1,377	
Architecture	12,566	
Pharmacy	285	
General Service Fee	28,315	
	<u>359,205</u>	
O. Other Income—		
Rent Investment Properties	6,201	
Less—Maintenance Properties	2,901	
	<u>3,300</u>	
Calendar Sales	1,150	
Examination Paper Sales	434	
Hire of Rooms	232	
Statements of Academic Records	399	
Commonwealth Government Grant—		
Physical Education	2,100	
Superannuation Commission	3,893	
	<u>11,508</u>	
Carried forward		

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1963 – Continued

INCOME			
NORTH TERRACE			
		£	£
Brought forward		11,508	
Liquid Air Sales		4	
Administration Charge Refunds		7,322	
Rural Credits Development Fund—Grant for Readership in Agricultural Economics		3,000	
Library Fees		262	
Library Fines		706	
Australian Mineral Development Laboratories Grant for Salaries in Economic Geology		1,600	
Parking Fines		6	
Parke-Davis & Co., Contribution towards Chair of Parasitology		1,000	
Donation towards Establishment of M.B.M. Course		1,850	
S.A. Association for Mental Health— Contribution to Chair of Mental Health		4,834	
C.S.I.R.O.—Grant for Salary—Zoology		500	
Annual Contribution by Union to Health Service		2,500	
		<u>35,092</u>	
Less Transfer to Fund for Replacement of Major Equipment and Plant		5,000	
			<u>30,092</u>

O. Sundry Scholarships and Prizes—

The Cable Makers Association Prize	11	
A.M.A. (Section of Clinical Medicine) Prize	11	
Roche Products Prize	35	
Faulding Scholarships in Experimental Pharmacology	150	
Australian Dental Association Prize	16	
Mining and Metallurgical Bursaries	350	
Aust. Society of Accountants Prize	30	
Dental Board Scholarship in Dental Surgery	20	
Gerard Prize in Electrical Engineering	21	
Rutter Jewell-Thomas Medal and Prize	22	
Institute of Chartered Accountants Prize	21	
T. E. Barr Smith Travelling Scholarship in Agriculture	750	
Philips Electrical Industries Prizes in Electronics	60	
Pfizer Prize in Gynaecology	50	
Athol Lykke Award for Postgraduate Studies in Music	130	
Weimar-Ohlstrom Prizes	18	
John Lewis Prize (Royal Geographical Society)	5	
The British Psychological Society Prize	5	
J. R. Wilton Prize	5	
Charles Fenner Prize in Geography	5	
Carried forward	<u>1,715</u>	<u>30,092</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1963 – Continued

INCOME

NORTH TERRACE

	£	£
Brought forward	1,715	30,092
The Electricity Trust of S.A. Prize in Power Engineering	11	
A. Grenfell Price Prize in Geography	11	
The Byard Prize	5	
Adelaide Chamber of Commerce Prize	11	
Kenneth and Hazel Milne Travelling Scholarship in Architecture	328	
Economic Society Prize	11	
Australian College of General Practitioners Prize	20	
Forwood Down Prize in Mechanical Engineering	21	
Petroleum Refineries (Aust.) Pty. Ltd. Prize	32	
The Albright and Wilson Prize in Chemical Engineering Design	50	
Florence Cooke Violin Prize	5	
Union Carbide Prizes	100	
J. G. Wood Memorial Scholarship	26	
Fisk Prize of the Institute of Radio Engineers	10	
Australian Welding Institute Prize	20	
Sir William Goodman Scholarship	230	
James Hardie Prize in Civil Engineering	50	
Hope Crampton Prize	5	
S.A. Gas Co. Prize in Architecture	100	
Smith Kline & French Prize in Microbiology	50	
Sir Ronald Fisher Prize	5	
Philips Prizes Physics I	50	
Philips Prizes Physics II	50	
Philips Prizes Physics III	100	
Philips Prizes Honours Degree of Science in Physics	100	
Delta Sigma Delta Prize in Dentistry	11	
Johnson & Johnson Prizes	100	
General Practice Study Group Prize	11	
	<hr/>	3,238
		<hr/> <hr/>
		33,330

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1963 – Continued

INCOME

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£
P. Interest and Dividends—		
Peter Waite Trust Fund	3,303	
Elizabeth MacMeikan Estate	6,370	
Hugh Hughes Estate	1,985	
James Waite Estate	40	
Mrs. L. M. Owen-Smyth	105	
Ranson Mortlock	600	
	<u> </u>	<u>12,403</u>
Q. Other Income—		
<i>Waite Donations:</i>		
J. T. Mortlock Bequest	1,000	
<i>Sundry Income:</i>		
Sundry Sales	183	
<i>Rent Account—</i>		
Dr. Best	104	
A. V. Lehmann	52	
N. F. S. Adams	14	
F. A. Couzens	13	
K. E. Farley	13	
J. Pennock	13	
A. B. Sanderson	13	
	<u> </u>	<u>1,405</u>

THE UNIVERSITY

Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	<i>Schedule</i>	1963	1962
		£	£
<i>Endowments and Grants—</i>			
General	(1)	1,293,129	1,259,361
Sale of Country Lands		40,000	40,000
Sale of Alverstoke Estate		12,000	12,000
Grants, Donations for University Site ...	(2)	11,776	11,776
Contributions to Buildings and Fittings:			
H.M. Government of S.A.		1,547,262	411,525
Commonwealth Government		1,468,708	268,525
From Accumulated Funds		208,815	194,880
University Union Building Appeal		107,946	—
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		1,429	1,429
		4,733,464	2,241,895
<i>Reserves and Special Funds—</i>			
Provision For Capital Items		—	41
Special Donation for Clinical Medicine ..		7,414	9,205
Invalidity Scheme Fund		23,352	20,304
Personal Superannuation Accounts		228,015	194,504
Ancillary Staff Superannuation		20,038	13,750
Share Fluctuation Reserve		65,611	65,593
H.M. Government of S.A. Advance for 1964		11,500	11,500
Income and Expenditure Surplus		—	20,641
Fund for Replacement of Major Plant		35,000	30,000
Motor Vehicle Replacement Fund		5,201	5,472
Grants for Buildings, Fittings and Major Equipment:			
H.M. Government of S.A.		270,000	1,054,500
Commonwealth Government (including Equipment for Buildings)		270,000	1,114,500
Provision for Additional Floor Main Engineering Building		—	20,000
Scholarship Funds	(3)	22,768	21,109
Library Funds	(4)	8,117	7,584
Special Funds	(5)	378,716	354,905
		1,345,732	2,943,608
Carried forward		6,079,196	5,185,503

OF ADELAIDE

Accounts as at 31st December, 1963

NORTH TERRACE

ASSETS

	<i>Schedule</i>		1963	1962
		£	£	£
<i>Investment of Endowments and Grants—</i>				
Commonwealth Inscribed Stock	(12)	14,903		148,438
Share and Stock Investments	(13)	702,000		614,799
University Site		11,776		11,776
University Buildings	(14)	3,781,463		1,312,298
Other Land and Buildings	(15)	109,481		30,579
Books—Barr Smith Library		9,106		9,106
Advances on Mortgage	(16)	30,728		34,896
Funds held by Trustees	(17)	34,007		34,003
Michell Estate—Funds Due to the University		40,000		46,000

4,733,464 2,241,895

Investment of Reserves and Special Funds—

Electricity Trust Debentures		142,743		41,226
Investment Properties and Improvements	(18)	23,560		112,207
Current Balances:				
Invested on Deposit with Treasury of S.A.		285,629		672,193
Bank of Adelaide		65,650		18,149
Agent-General for S.A., London		26,756		13,755
Cash, Debtors	(19)	58,370		53,657
Buildings in Progress	(20)	734,515		2,032,421
Deficit, North Terrace		8,509		—

1,345,732 2,943,608

Carried forward 6,079,196 5,185,503

THE UNIVERSITY
Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS		Schedule	1963	1962
		£	£	£
Brought forward			6,079,196	5,185,503
<i>Funds Expended on Equipment—</i>				
Contributed from Accumulated Income		237,811		234,027
Donations for Equipment	(6)	310,867		268,353
Donations for Library	(7)	25,031		22,763
<i>Funds Provided by H.M. Government of S.A.—</i>				
Equipment under £5,000		1,004,998		875,396
Library		403,684		332,089
Equipment over £5,000		45,000		—
<i>Funds Provided by Commonwealth Government—</i>				
Equipment and Furniture		74,202		74,202
Equipment over £5,000		45,000		—
			2,146,593	1,806,830
WAITE AGRICULTURAL RESEARCH INSTITUTE				
Endowments—General	(8)	231,065		231,065
Endowments for Laboratories	(9)	35,000		35,000
Donations	(10)	120,406		113,643
Contributed from Accumulated Income		92,697		92,697
Unexpended Funds	(11)	40,979		43,209
Motor Vehicles Replacement Fund		5,757		4,941
<i>Funds Provided by H.M. Government of S.A.:</i>				
Grant for New East Wing		55,750		55,000
Equipment under £5,000		318,474		287,305
Library		47,319		41,996
Central Animal House		12,250		9,000
<i>Grants by Commonwealth Government:</i>				
New Wing		9,602		9,602
New East Wing		55,750		55,000
Central Animal House		12,250		9,000
			1,037,299	987,458
<i>BEDFORD PARK—</i>				
Funds Provided by H.M. Government, S.A.		40,500		—
Funds Provided by Commonwealth Government		40,500		—
Motor Vehicle Replacement Fund		119		—
Funds Provided by the University		968		—
		82,087		—
Gardeners' Equipment		4,068		—
Library Books		43,451		—
			129,606	—
Carried forward			9,392,694	7,979,791

OF ADELAIDE

Accounts as at 31st December, 1963

NORTH TERRACE

		ASSETS		1963	1962
		Schedule		£	£
Brought forward				6,079,196	5,185,503
<i>Equipment—</i>					
Equipment	(21)	1,518,865			1,252,967
Library Books and Binding	(22)	515,092			441,227
Furniture	(23)	112,636			112,636
				2,146,593	1,806,830

WAITE AGRICULTURAL RESEARCH INSTITUTE

Electricity Trust Debentures		13,664		40,388	
Funds held by Trustees	(24)	115,104		115,104	
Land—Urrbrae House	(25)	54,455		54,455	
Buildings	(26)	340,508		325,007	
Equipment and Furniture	(27)	439,775		393,387	
Library	(28)	58,442		53,119	
Current Balances—Cash, Debtors	(29)	14,885		4,476	
Income and Expenditure Deficit, 1963		466		1,522	
				1,037,299	987,458

BEDFORD PARK—

Expenditure of Capital Funds—

Development Site Works and Services		52,019		—	
Professional Fees		23,778		—	
Equipment and Furniture		5,247		—	
Income and Expenditure Deficit, 1963		1,043		—	
				82,087	
Gardeners' Equipment		4,068		—	
Library Books		43,451		—	
				129,606	
Brought forward				9,392,694	7,979,791

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS		1963	1962
<i>Schedule</i>		£	£
Brought forward		9,392,694	7,979,791
<i>University Union Building Appeal Fund—</i>			
Donations		—	103,761
Interest		—	6,763
Contributed by University from Capital Funds ..		—	115,868
			<u>226,392</u>
 <i>Department of Architecture Fund—</i>			
Donations and Income		—	24,644
			<u>24,644</u>
Carried forward		<u>9,392,694</u>	<u>8,230,827</u>

NOTE: (a) The University Union Building Alterations and the Union Hall have been completed, and the appropriate adjustments have been made in 1963 to transfer the capital funds and the assets account to the University Liabilities and Trusts Section and the Assets Section of the Balance Sheet respectively.

(b) The Department of Architecture Fund has been fully expended and has, therefore, been written out of the accounts in 1963.

OF ADELAIDE

Accounts as at 31st December, 1963

		ASSETS	
		<i>Schedule</i>	
		1963	1962
		£	£
	Brought forward	9,392,694	7,979,791
<i>University Union Building Appeal Fund—</i>			
	Alterations and Additions to Union Buildings	—	101,091
	New Union Hall	—	122,724
	Expenses of Appeal	—	2,577
			<u>226,392</u>
<i>Department of Architecture Fund—</i>			
	Contributions towards cost of Chair of Architecture	—	23,546
	Expenses of Appeal	—	1,098
			<u>24,644</u>
	Carried forward	<u>9,392,694</u>	<u>8,230,827</u>

LIABILITIES AND TRUSTS				
	Schedule	1963	1962	
		£	£	£
Brought forward			9,392,694	8,230,827
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Donations—No. 1 Appeal	£ 56,987			
Less Deficit Incurred in 1963	14,744			
	42,243			
Donations—No. 2 Appeal	101,491			
		143,734		56,987
A.A.E.C. Grant		2,000		2,000
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
Donation for Hostel		7,000		—
Current Account		—		9,194
Provision for Loss on Realisation of Stock		4,525		4,525
			183,259	98,706
			<u>£ 9,575,953</u>	<u>£ 8,329,533</u>
<i>Contingent—</i>				
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 Late Laura Anita Shanasy				
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 Muriel F. Sims				
Estate of Late Therese M. Rice				
Estate of Late Fred Johns (Balance)				
Estate of Late Hugh Hughes (Balance)				
Estate of Late William Donnithorne (Balance)				
Estate of Late Edward Neale (Balance)				
Estate of Late E. Mills (Balance)				
Estate of Late Isobel Young (Balance)				
Estate of Late R. Walker (Balance)				
Estate of Late A. J. Schultz (Balance)				
Estate of Late O. E. Braund (Balance)				
Estate of Late H. J. Wilkinson (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, 1963, 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

OF ADELAIDE

Accounts as at 31st December, 1963

		ASSETS		
		Schedule	1963	1962
		£	£	£
Brought forward			9,392,694	8,230,827
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Electricity Trust Debentures		75,000		—
Linear Accelerator		69,705		69,705
Fire Protection System		1,500		1,500
Grant towards Cost of Electron Microscope (Waite Institute)		5,000		5,000
Human Body Monitor and Steel Room		21,184		21,184
Expenses of New Appeal		—		151
Gamma Ray Spectrometer Building		1,166		1,166
Current Account		9,704		—
			183,259	98,706
			<u>£ 9,575,953</u>	<u>£ 8,329,533</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 Late Laura Anita Shanasy
 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 Muriel F. Sims
 Estate of Late Therese M. Rice
 Estate of Late Fred Johns (Balance)
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late Edward Neale (Balance)
 Estate of Late E. Mills (Balance)
 Estate of Late Isobel Young (Balance)
 Estate of Late R. Walker (Balance)
 Estate of Late A. J. Schultz (Balance)
 Estate of Late O. E. Braund (Balance)
 Estate of Late H. J. Wilkinson (Balance)

a correct abstract of such Books of Account. 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.

ANNELLS, HUNWICK & COY., Chartered Accountants,
 STEELE & CALDER, Chartered Accountants,
 Auditors.

Adelaide, 10th April, 1964.

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963

LIABILITIES AND TRUSTS

NORTH TERRACE		£	£
I. Endowments—General—			
Sir George Murray (for General Purposes)		86,767	
Less Transferred to Equipment		500	
		<u> </u>	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)			25,600
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	
		<u> </u>	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.			9,106
S. McGregor Reid			23,747
Jean B. Reid			66,926
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	
		<u> </u>	36,172
S. D. Holdsworth Estate			35,725
Reginald Walker Bequest			26,627
Sewell Myers Research Bequest			20,000
G. Gollin Estate			20,000
Edward Neale (for Medical Research)			28,921
Family of the late John Darling (for Darling Building)		15,000	
Sir George Murray (used for Darling Building)		1,000	
		<u> </u>	16,000
Mrs. G. 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	
General Motors-Holden's Ltd.		5,000	
Adelaide Electric Supply Co. 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	
		<u> </u>	25,000
Carried forward			<u>1,045,543</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward		1,045,543
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	
	<hr/>	52,198
A. M. Barnes Endowment (Balance)		353
Animal Products Research Foundation		7,074
J. E. Jenkins Scholarships Fund		6,975
Emma Jeffress Endowment		6,098
Dr. A. J. Schulz Bequest		5,159
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. H. Wheadon (for Observatory Building)		5,337
Baillieu Scholarships Fund		4,839
Baker Scholarship Fund		5,000
Olive Eva Braund Estate		4,705
L. G. Wilson Gift of Hills Property		4,631
Sir William G. T. Goodman		4,000
James Barrans Scholarship Fund		3,000
John Barker Scholarship Fund		3,000
Donnithorne Awards Fund		3,041
Herbert John Wilkinson Memorial Prize Fund		2,600
T. G. Wilson Scholarship Fund		2,500
Gavin David Young Lectures Fund		2,453
William Gardner Scholarship Fund		2,043
Anonymous Donation, Staff Common Room	2,379	
Less Transferred to Equipment	1,006	
	<hr/>	1,373
David Murray Scholarship Fund		2,000
Nickel Mines No Liability		2,000
Department of Health Capital Grant (for Physical Education)		2,000
Bertha H. Sudholz Endowment		2,000
Public Donations (for Buildings)		1,890
Athol Lykke Fund (for Postgraduate Studies in Music)		1,860
Chapman Memorial Fund		1,482
Fred Johns Scholarship Fund		1,500
Creswell Scholarship 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
Sir Hugh Cairns Memorial Fund		1,154
Dr. Charles Gosse Lectureship Fund		1,125
Rose Grainger Orchestral Fund		1,076
Everard Scholarship Fund		1,000
Joseph Fisher (Lecture and Medal Fund)		1,000
Shorney Memorial Library Fund		1,000
Tinline Scholarship Fund		1,000
John L. Young Scholarship Fund		1,000
Shorney Prize and Medal Fund		1,000
Selbourne Moutray Russell Scholarship Fund		1,000
Varley Scholarship Fund		1,000
Sir Mark Mitchell Donation towards Furnishing New Council Room		1,000
	<hr/>	1,218,374
Carried forward		1,218,374

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward		1,218,374
Sir Mark Mitchell (for Animal Culture House)		924
The Angas Parsons Prize Fund		900
S.A. Orchestra Permanent Fund		873
Anders and Reimers Scholarships Fund		760
Elizabeth Jackson Memorial Library Fund		750
Anna Florence Booth Prize Fund		750
Eugene Alderman Scholarship Fund		740
Sydney Norman Bequest		700
Eric Smith Scholarship Fund		650
For Anti-Cancer Committee:		
Lady Barr Smith Memorial Fellowship	10,500	
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. Isobel Young Estate	2,249	
Mrs. M. August	1,836	
E. Mills Estate	1,847	
E. F. Hern	1,157	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
E. H. Cobley	2,703	
Dorothy Emily Basey	250	
	-----	44,099
Stow Prizes and Medal Fund		613
Robin Memorial Lecture Fund		606
Hartley Studentship Fund		600
Dr. Davies-Thomas Scholarship Fund		600
Frederick Bevan Scholarship Fund		600
Nathan Netter Fund		530
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
Clement O. Williams Memorial Fund		500
Lienau Scholarship Fund		500
Edith Hubbe and Harriet Cook Prize Fund		500
Lucy Josephine Bagot Prize Fund		500
Sir Archibald Strong Memorial Prize		500
Gladys Lloyd Thomas Scholarship Fund		500
C. and 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
J. G. Wood Memorial Fund		494
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

Carried forward		1,285,214

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward		1,285,214
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
J. A. Bonnin Cup Fund		320
Weimar-Ohlstrom Prizes Fund		300
William Culross Prize Fund		250
Elsie Marion Cornish Prize Fund		250
Alexander Clark Prize Fund		255
Bundey 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
T. P. Shaughnessy Fund		191
Archibald Watson Prize Fund		170
Roby Fletcher Scholarship Fund		160
Sir Ronald Fisher Prize in Genetics Fund		153
St. Alban Scholarship Fund		150
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
Byard Prize Endowment		130
J. B. Cleland Prize Fund		130
Australian Dental Association Endowment for Thomas D. Hannon Prize Fund		133
Edith Puddy Prize Fund		134
Andrew Scott Prize Fund		115
Hope Crampton Prize Fund		106
A. Grenfell Prize Fund		110
Tennyson Medals Fund		100
N. Stannus Gunning Fund		100
Professor J. H. B. Tew Prize Fund		100
C. Fenner Prize Fund		100
Florence Cooke Violin Prize Fund		100
Professor J. R. Wilton Prize Fund		100
Archibald Mackie Bursary 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
		<u>1,293,129</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£	£
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			
Sir Walter Young	1,000		
	-----	1,650	
Sir William Mitchell		876	
Special Donations for other Improvements—			
Misses Eva and Lily Waite	2,250		
Hon. Sir George Murray	2,000		
	-----	4,250	
		-----	<u>11,776</u>
3. Scholarship Funds—			
Angas Engineering Scholarship		250	
John Howard Clark Prize Fund		129	
Stow Prizes and Scholarship		10	
Everard Scholarship		46	
Eric Smith Scholarship		79	
Archibald Mackie Bursary		31	
Dr. Davies-Thomas Scholarship		11	
Hartley Studentship		12	
Joseph Fisher Medal and Lecture Fund		40	
Tinline Scholarship		77	
David Murray Scholarship		1,603	
John Bagot Scholarship		568	
Bundey Prize Fund		65	
John Creswell Scholarships		361	
Alexander Clark Memorial Prize Fund		96	
John Lorenzo Young Scholarship		202	
John L. Young Scholarship		569	
Dr. Charles Gosse Lectureship		469	
Eugene Alderman Scholarship		36	
Ernest Ayers Scholarship		787	
George Thompson Bursary		35	
Rennie Scholarship		15	
Fred Johns Scholarship		1,821	
Archibald Watson Prize		10	
T. G. Wilson Travelling Scholarship		916	
R. W. Bennett Prizes and Medals		72	
Sir Robert Chapman Prize		13	
Anna Florence Booth Prize		203	
Shorney Prize		242	
Lucy Josephine Bagot Prize		42	
The Angas Parsons Prize		232	
Selbourne Moutray Russell Scholarship		199	
Varley Scholarship		178	
Barr Smith Prize		21	
James Gartrell Prize		8	
Tormore Prize		19	
M. Rees George Memorial Prize		63	
Jefferis Memorial Medal		36	
Tate Memorial Medal		15	
Lokan Prize		18	

Carried forward		9,599	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£	£
Brought forward		9,599	
St. Alban Scholarship		12	
League of Nations Prize		167	
Thornber Bursary		34	
Keith Sheridan Prizes		458	
E. W. Way Lectureship		59	
Tennyson Medals		6	
Robert Whinham Prize		7	
Hardwicke College Prize		4	
Way College Old Collegians' Prize		15	
Annie Montgomerie Martin Prize		6	
Justin Skipper Prize		55	
J. E. Jenkins Scholarship		415	
Gladys Lloyd Thomas Scholarship		33	
James Barrans Scholarship		504	
Elsie Marion Cornish Prize		65	
Dental Board of S.A. Prize		10	
Anders and Reimers Scholarships		315	
Sir Archibald Strong Memorial Prize		250	
Gavin David Young Lectureship		284	
Dental Board of S.A. Research Scholarship		103	
Thomas Gepp Prize		60	
Violet de Mole Prize		193	
E. Harold Davies Scholarship		60	
Edith Hubbe and Harriet Cook Prize		154	
Natalie Davies Prize		19	
Baker Scholarship		623	
T. L. Borthwick Prize		3	
C. and J. Campbell Prize		39	
Elder Travelling Scholarship		88	
Guli Magarey Scholarship		7	
Frederick Bevan Memorial Scholarship		132	
E. V. Clark Prize		120	
William Culross Prize		6	
Eva Lines Memorial Scholarship		100	
Sir Hugh Cairns Memorial Prize		138	
D. B. Adams Memorial Prize		50	
Maude Puddy Scholarship		83	
Gerard Prize in Electrical Engineering		21	
Prof. J. H. B. Tew Prizes		6	
Baillieu Research Scholarships		1,700	
Rutter Jewell-Thomas Medal and Prize		175	
Dr. Ruby Davy Scholarship		168	
T. E. Barr Smith Travelling Scholarship		2,395	
John Barker Scholarship		461	
Thomas D. Hannon Prize		28	
Wm. Donnithorne Award		124	
Pfizer Prize in Gynaecology		50	
Athol Lykke Award		382	
Chapman Memorial Scholarship		254	
Weimar-Ohlstrom Prizes		19	
British Psychological Society Prize		5	
J. R. Wilton Prize		11	
Charles Fenner Prize		6	
Sir Grenfell Price Prize		14	
Byard Prize		18	
Kenneth and Hazel Milne Travelling Scholarship		789	
Lienau Prize		41	
Carried forward		20,943	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£	£
Brought forward		20,943	
Clement Q. Williams Memorial Prize		31	
Albright and Wilson Prize		50	
Florence Cooke Violin Prize		21	
J. G. Wood Memorial Scholarship		29	
A. J. Schulz Bequest		604	
Sir William Goodman Scholarship		449	
Bertha H. Sudholz Scholarship		235	
Hope Crampton Prize		1	
Smith, Kline and French Prize in Microbiology		100	
Sir Ronald Fisher Medal and Prize		5	
Philips Prizes in Physics I		50	
Philips Prizes in Physics II		50	
Philips Prizes in Physics III		100	
Philips Prizes in Honours Degree of Science in Physics		100	
		<u>22,768</u>	
4. Library Funds—			
T. E. Barr Smith Endowment Income		1,327	
Sir William Mitchell Endowment Income		870	
Elizabeth Jackson Fund Income		184	
A.M.A. Library		1,231	
A. M. Simpson Library Income		238	
Kate Helen Weston Library		18	
S.A. Tuberculosis Association Library		43	
Herbert Shorney Memorial Library		49	
Library Deposits		3,366	
Elizabeth Mills Bequest for Library Books		19	
Sir Mark Mitchell—Periodicals Income		47	
Australian Association of Psychiatrists Grant to Medical Library		7	
S.A. Brewing Company for Department of Microbiology Library		147	
Australian Physiotherapy Association— Library		422	
Georgina Mills Estate Library		61	
Collegiate School of St. Peter Library Grant		53	
Viscount Dunrossil Memorial Library		35	
		<u>8,117</u>	
5. Special Funds—			
<i>Consulting and Research Funds—</i>			
Electrical Engineering—Consulting Fees	—		
Civil Engineering—Donations for Concrete Research		256	
Illuminating Engineering Society Grant		15	
Grant for Latitude Observations		8	
Animal Products Research Foundation		2,425	
Geology Department Consulting Fund		244	
Pipe Transmission Line Structure		10	
Consulting Fund—Physical and Inorganic Chemistry		47	
Consulting Fund—Civil Engineering		6,244	
Organic Chemistry—Research Fund		751	
Carried forward		<u>10,000</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward	10,000	
Mechanical Engineering Research Fund	12	
Child Health Research Fund	666	
Mechanical Engineering Consulting Fund	915	
Speech Bandwidth Compression Equipment Grant—P.M.G. Department	1,250	
Autopsy Fees	863	
Consulting Fund—Child Health	324	
Computing Centre Consulting Fund	211	
Mental Health Research Fund	156	
Animal Ecology Research Fund	100	
Melbourne Cultural Centre Fund	1,810	
		16,307
<i>Anthropological Research Funds—</i>		
General Account	287	
Mr. Mountford	684	
T. G. H. Strehlow	154	
Professor A. A. Abbie	1,547	
Film Account—General	223	
Australian Institute of Aboriginal Studies Grant—C. P. Mountford	330	
Australian Institute of Aboriginal Studies Grant—Dr. Ellis	101	
Australian Institute of Aboriginal Studies Grant—Professor Campbell	148	
Wenner-Gren Foundation Grant for Anthropological Research—P. Rao	357	
Myer Foundation Grant for Anthropological Research—Dr. Ellis	3	
Australian Institute of Aboriginal Studies Grant—M. Barrett	95	
Australian Institute of Aboriginal Studies Grant—T. G. H. Strehlow	597	
		4,526
<i>Medical Research Funds—</i>		
The Gwen Michell Foundation for Medical Research	15,419	
The Gwen Michell Foundation—Reserve for Fluctuation of Shares	716	
Sheridan Bequest	481	
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 Investigation—Mrs. H. M. Newland	5	
Donation for Virus Investigations— Medical School	100	
S. McGregor Reid	772	
S. McGregor Reid—Reserve for Fluctuation of Shares	18	
Carried forward	17,765	20,833

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1963 - Continued

	£	£
Brought forward	17,765	20,833
J. B. Reid—Reserve for Fluctuation of Shares	99	
Reginald Walker Estate	1,777	
Hoare Estate—Reserve for Fluctuation of Shares	75	
Lady Barr Smith Memorial Fellowship —Income (Cancer Research)	1,155	
Ivy C. J. Duncan Fund	942	
		21,813
<i>Special Purpose Funds—</i>		
British Commonwealth Sponsored Overseas Scholarships	1,270	
Anonymous Donation—Clinical Medicine	2,600	
Donation for Equipment—Dental School	25	
Elder Conservatorium—Donation for Purchase of Gramophone	165	
Commonwealth Postgraduate Scholarships Accumulation Fund	9,298	
Australian Society of Accountants' Lecture Permanent Orchestra Fund	68	
Rose Grainger Orchestral Fund	922	
Students' Loan Fund	972	
Conservatorium Students' Fund	1,863	
Board of Social Studies—Students' Fund	482	
Shaughnessy Endowment Income	231	
Hughes Statue Maintenance Fund	20	
Reiman Memorial Fund	40	
Robin Memorial Lecture Fund Income	1	
Joseph Verco Memorial	94	
Sheridan Family Grave Maintenance Account	3	
Donation for Furnishing South Hall— Elder Conservatorium	136	
Sir Douglas Mawson Portrait Fund	50	
Broken Hill Associated Smelters—Donation for Purchase of Lead	161	
Donation for Purchase of Musical Instruments	2	
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library	25	
Radioisotope Fund	893	
Donations towards Chair of Microbiology	154	
Donations—Chair of Mental Health	300	
Donations for the Maude Puddy Library	100	
The McGregor Fund	1	
A. M. Barnes—Income	2,000	
Anonymous Donation—Medical School	2,057	
Publications Fund	36,567	
Reid and Hetherington—"South Australian Elections"	1,013	
Professor Smart's Monograph	193	
Donations for Purchase of Codex Manesse Physiology Testing Fees	108	
Australian Journal of Experimental Biology and Medical Science	70	
Cirrus Computer Funds	97	
	2,413	
	11,931	
Carried forward	76,325	42,646

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward	76,325	42,646
J. A. Bonnin Cup—Income	20	
Microbiology Special Fund	1	
C.S.I.R.O. Special Grant—Zoology	2,000	
Colegate-Palmolive—Donation to Establish Readership in Preventive Dentistry	8,140	
Elder Conservatorium Special Fund	225	
Physical Education Research Fund	53	
University Music Society Fund	1,281	
N. Stannus Gunning Endowment—Income	2	
Microscope Fund—Geology	50	
Obstetrics and Gynaecology—Endorine Project	22	
		88,119
<i>Provisions—</i>		
Surplus Proceeds Sales of Shares for Building Purposes	24,620	
Reserve for Fluctuation of Shares— G. Gollin Estate	91	
A. M. Barnes Estate	2,997	
S. D. Holdsworth Estate	10	
Reginald Walker Estate	125	
Realization of Obsolete and Surplus Equipment— Physical Chemistry	71	
General	968	
Pathology	70	
Medicine	1,435	
Chemical Engineering	631	
Carpenters' Shop	26	
Physics	202	
Physiology	24	
Microbiology	77	
Geology	184	
Gardeners	1	
Economics	109	
Old Anatomy Building	—	
Sale of Equipment—Physics Department	252	
Realization of Obsolete and Surplus Equipment— Dentistry	191	
Medical School	25	
Mechanical Engineering	1,180	
Genetics	69	
Conservatorium	76	
Realization of Investment Properties	6,113	
Provision for Damage by Storm and Tempest	600	
Provision for Laboratory Space for Microscope Workshop	500	
Adult Education Motor Vehicle Replacement Fund	786	
Reserve for Civil Engineering Special Equipment	10,686	
Provision for Purchase of Special Equipment for Testing Concrete	1,445	
		53,564
Carried forward		184,329

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward		184,329
<i>Research Grants—</i>		
Commonwealth Grant for Australian Literature	10	
C.S.I.R.O. Radio Research Board—		
Physics	212	
N.H.M.R.C. Grant—Child Health	19	
I.C.I. of A.N.Z. Research Fellowship	188	
George Aitken Pastoral Research Trust—		
Zoology	80	
Sandoz Ltd.—Grant for Research in		
Department of Obstetrics	2,221	
Australian Atomic Energy Commission—		
Equipment (Matthews)	7	
Equipment (Haskard)	16	
Equipment (Weller)	9	
Equipment (Cattrall)	1	
Equipment (Potter)	68	
Department of Civil Aviation—Electronic		
Research Grant	2,329	
Monsanto Chemicals Grant—Physical and		
Inorganic Chemistry	335	
Rural Credits Fund—Zoology	1,438	
Wool Research Committee—Animal		
Ecology	240	
General Motors-Holden's—Postgraduate		
Research Fellowship	269	
General Motors-Holden's—Postgraduate		
Fellowship (Ramsay)	600	
General Motors-Holden's—Postgraduate		
Fellowship (Chandler)	300	
General Motors-Holden's—Postgraduate		
Fellowship (Corbett)	66	
Australian Atomic Energy Commission		
Research Grant—Chemical Engineering	445	
E.T.S.A. Conductor Account	7	
American Chemical Society—Organic		
Chemistry No. 2	2,869	
Social Sciences Research Council Grant—		
Law	1,208	
A.A.E.C. Research Contract—Chemical		
Engineering	11	
C.S.I.R.O. Grant—Physiology of Native		
Mammals	16	
Philips Electrical Industries Pty. Ltd.—		
Postgraduate Scholarship	207	
Commonwealth Grant to Adult Education		
for Australian Literature	171	
Merck Sharpe and Dohme Grant—		
Microbiology Research	611	
Glaxo Laboratories—Grant to Microbiology	270	
U.S. Public Health Service Grant to		
Microbiology	2,772	
American Petroleum Institute Grant to		
Geology	769	
S.A. Fishermen's Co-op. Ltd.—Grant for		
Research on Crayfish	61	
A.A.E.C. Research Grant (Denholm)	546	
Carried forward	18,371	184,329

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward	18,371	184,329
G.M.H. Ltd. Postgraduate Studentship in Traffic Flow	1,526	
C.S.R. Scholarship—Physical Chemistry	50	
Australian Elizabethan Theatre Trust— Grant for Opera	1,450	
Pfizer Corporation Grant—Child Health	70	
Smith Kline and French Laboratories Grant—Child Health	62	
Nuffield Foundation Grant—Microbiology	3,622	
Wellcome Fund—Microbiology	5	
Ciba Co.—Grant to Department of Child Health	386	
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Physiology and Pharmacology	826	
A.I.N.S.E. Grant— Dr. Kennedy	98	
Dr. Medlin	300	
Professor Jordan	541	
Dr. Laurence	417	
Physical Chemistry	293	
H. S. Green	1,052	
Dr. J. Munro	282	
Dr. Tomlin	600	
Professor Carver	149	
Postdoctoral Fellowship	2,367	
Australian Institute of Nuclear Science and Engineering—Physics and Physical Chemistry	13	
International Law Association Grant— Dr. O'Connell	1,038	
A.A.E.C.—Grant to Physical Chemistry (Cattrall)	151	
G. D. Searle & Co.—Grant to Obstetrics	527	
Australian External Affairs—Antarctic Division Grant (Botany)	4	
Sigma Co.—Grant to Child Health	399	
U.S. Department of Health—Grant to Child Health	2,632	
C.S.R. Co.—Grant to Mining and Metallurgy	13	
Nuffield Foundation Grant to Geology	69	
Kappa-Kappa-Kappa Incorporated—Grant to Dental School	885	
National Heart Foundation of Australia— Grant to Obstetrics	81	
National Heart Foundation of Australia— Grant to Junior Medical Research Fellowship	52	
U.S.P.H.S. Grant—Zoology	159	
Irrigation Research—Civil Engineering	1,110	
Prime Minister's Department—Grant for Publication of B.A.N.Z.A.R.E.	82	
Reserve Bank—Rural Credits Fund— Econometric Analysis of the Structure of the Market for Australian Wool— Economics	1,853	
Reserve Bank—Economic and Financial Research Fund	1,323	
Carried forward	42,858	184,329

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward	42,858	184,329
Adelaide Children's Hospital Research — Child Health	207	
Rothman's University Endowment Fund Fellowship	1,400	
Rothman's Junior Fellow—Grant in aid Biochemistry	17	
A.A.E.C. Research Contract—Physics	135	
U.S. Department of Health, Education and Welfare Grant—Physical and Inorganic Chemistry	540	
Australian Cattle and Beef Research Committee—Senior Postgraduate Studentship	13	
Australian Road Research Board— Pathology	6,519	
A.A.E.C. Research Contract—Kennedy	1,320	
U.S. Department of Health Grant— Organic Chemistry	4,711	
Water Research Foundation Grant— Chemical Engineering	542	
Wool Research Committee and S.A. Wheat Research Committee—Grant—Zoology	103	
Australian Mineral Industries Research Association—Rheid Morphology Project	250	
Nuffield Foundation Grant—Geology	270	
Chemical Society Grant—Dr. West	81	
Wool Research Fellowship—Genetics	71	
Economic and Financial Research Grant— "Australian Propensity to Save"	573	
Reserve Bank of Australia—Fiftieth Anniversary Postgraduate Scholarship	533	
United States Public Health Service— Psychology—Dr. P. Glow	1,726	
United States Air Force Grant—Physics	1,576	
Philips Electrical Industries Pty. Ltd. — Research Grant Physics—Dr. Laurance	178	
Department of Supply—W.R.E. Salisbury— Physics	3,120	
Bushfire Research Committee Grant— Spark Arresters Research	18	
Nuffield Foundation Grant—Biochemistry	2,246	
C.S.I.R.O. Grant—Botany	900	
International Atomic Energy Agency Grant	767	
Squibb Institute Grant—Biochemistry	2,173	
Social Science Research Council Grant for "An Australian Bibliography of Agricultural Economics"	200	
		73,047
<i>Sundry Balances—</i>		
Graduates' Union Fund (Capital Donations)	179	
Sundry Donations	190	
Broken Hill Smelters—Donation	62	
Joint Colleges Appeal Fund	5	
Carried forward	436	257,376

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1963—Continued

	£	£	£
Brought forward	436	257,376	
Insurance Deposits	16		
C.I.G. (Sth. Aust.) Limited	11		
Constance Fraser Income	800		
Civil Engineering Notebook	155		
L. G. Wilson—Gift of "Pine Kloof" Income	1,083		
Australian Humanities	100		
Adelaide University Union—Deposit	53,600		
Rockefeller Foundation—Donation for General Purposes	669		
Anti-Cancer Balance	9,704		
Public Examinations in Music	13,642		
George Gollin Estate—Income	3,857		
Victoria Drive Fence—Fund for Maintenance	35		
Sale of Furniture—Vice-Chancellor's House	16		
Scholender Expedition	1		
Key Deposits—Physical Chemistry	15		
Diploma in Physical Education	3,137		
J. G. Wood Memorial Prize	26		
Henderson Memorial Fund	86		
Chemistry Laboratory Deposits	18		
"Paradise of Dissent" Publications Account	738		
Professor Mitchell's Book Account	277		
Weapons Research Establishment— Mathematics Department	110		
Enuresis Patent	1,569		
Donation to Dental Department—Dr. Begg	85		
Miss D. Mead, Retiring Gratuity	1,349		
Australian Music Library Donations	365		
Retiring Gratuity—E. C. Rogers	1,545		
Outstanding Accounts—Workshops	2,278		
Computing Centre Fortran Fund	155		
Woodville Spastic Home	85		
Donations University Squash Rackets Club	10		
Biochemistry Symposium	1		
Sir Ronald Fisher Memorial Appeal— Income	1,049		
English Department Study of Poetry Seminar	275		
English Department Southern Review	4		
C.S.I.R.O. Grant for Animal Ecology Research	2		
Motors Limited—Donation for Economics Department	25		
Postgraduate Committee in Medicine— Accumulated Income	1,172		
Postgraduate Committee in Dentistry	530		
Anti-Cancer Cytology Service	19,825		
H.M. Government Advance for Fees Relief	2,419		
R. V. Johnson—Repayment of Advance	8		
E. C. Forsyth—Repayment of Advance for Superannuation	57		
		121,340	
			<u>378,716</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1963—Continued

	£	£
6. 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 Runyan Memorial Fund		2,480
Commonwealth Postgraduate Scholarships N.H.M.R.C. Fund		3,726
Medical Research Committee Fund		9,084
Engineering Testing Fees		34,869
Civil Engineering Fund		7,294
Consulting Fees—Electrical Engineering ...		9,031
For Chemical Engineering Department—		108
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 Ind. Ltd. ...	1,000	
Power Plant Ltd., Malcolm Moore, Esq.	200	
Power Plant Ltd.	400	
Aberfoyle Tin N.L.	250	
King Island Scheelite Ltd.	100	
	<hr/>	23,950
Civil Engineering Consulting Fund		1,550
Donation for Equipment—Department of Geology		3,106
Mechanical Engineering Consulting Furniture Fund		253
Clinical Medicine Donation		8,017
Department of Civil Aviation—Electronic Equipment Fund		1,001
Rockefeller Grant—Biochemistry— Equipment Fund		3,100
Mechanical Engineering Consulting Equipment Fund		1,245
Physiology Special Equipment Fund		262
S.A. Tuberculosis Association—Donation for Equipment—Physiology		360
York Theatre Ltd.—Donation for Projection Equipment		1,500
Radio Isotopes Course—Equipment Fund ...		127
Aeromedical Research—Equipment Fund ...		3,910
Michell Research—Equipment Fund		2,323
C.S.I.R.O. Grant for Capital Expenditure— Animal Ecology		266
Rural Credits Development Fund Grant for Animal Ecology		5,144
Rural Credits Development Fund		805
Nuffield Foundation Grant for Inorganic Chemistry		6,500
Rockefeller Foundation Grant for Organic Chemistry		6,705
		<hr/>
Carried forward		146,670

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward		146,670
Motors Ltd.—Donation for Economics Department		1,975
Radio Research Board—Equipment Fund ..		7,695
Electrical Research Board—Equipment Fund		698
Postgraduate Medicine—Equipment Fund ..		114
J. M. Black—Botany Department		100
Electronic Organ—Bonython Hall		2,350
Graduates' Union		935
Australian Atomic Energy Commission— Equipment Fund		2,382
U.S. Public Health Service—Equipment ..		32,408
Sandoz Grant—Obstetrics—Equipment Fund		84
C.S.I.R.O. Native Mammals Equipment Fund		69
H.M. Government of S.A. Grant for Equipment		1,345
Special Grant for Equipment—Chemistry Department		3,479
G.M.H. Postgraduate Fellowship— Equipment Fund		89
Life Insurance Medical Research Fund of Aust. and N.Z.—Child Health		4,362
Elder Conservatorium Bergonzi Viola Fund		1,045
Geology Consulting Fund Equipment		469
Organic Chemistry Research Equipment ..		2,087
Funds for Special Equipment—Pathology ..		184
Public Examinations Board ..		13,264
Public Examinations in Music		5,258
Rockefeller Grant—Physical Chemistry Fund		8,900
Rockefeller Grant—Zoology Fund		3,323
Amsler Press Fund ..		6,555
E.T.S.A. Dynamic Network Analyser Fund		30,471
Mechanical Engineering Special Equipment Fund		61
Rockefeller Fund for Kuru Research		1,716
American Petroleum Institute—Equipment Fund		1,508
A.A.E.C.—Equipment Fund Chemical Engineering		190
S.A. Fishermen's Co-op. Ltd.—Equipment Fund		437
The Nestle Co. (Aust.) Ltd.—Equipment Fund		71
C.S.R. Grant Equipment Fund		534
Clarence River Basin Exploration Co. N.L.		300
Smith, Kline and French Laboratories Equipment Fund		35
Nuffield Foundation Grant—Microbiology ..		615
Henderson Memorial Fund—Equipment		266
Wellcome Fund—Microbiology— Equipment Fund		1,133
Rockefeller Foundation Grant—Equipment for Research—Organic Chemistry Department		2,659
Carried forward		285,836

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1963—Continued

	£	£	£
Brought forward		285,836	
Donation for Optical Rotatory Dispersion Apparatus—Organic Chemistry Department		550	
Rockefeller Foundation Grant—Research in Molecular Structure—Physics Department		1,994	
Economic Geology Special Equipment and Furniture Fund		1,301	
H. B. Selby Donation—Physical Chemistry A.I.N.S.E. Physical Chemistry Equipment Fund		25	
A.I.N.S.E. Physics and Physical Chemistry —Equipment Fund		8,164	
Irrigation Research Equipment Fund		20	
International Law Association Equipment Fund		73	
Reserve Bank Grant—Australian Wool Equipment Fund		353	
A.A.E.C. Physical Chemistry Equipment Fund		166	
Australian Dairy Produce Board— Equipment Fund		1,461	
C.S.R. Grant for Mining—Equipment Fund		200	
Myer Foundation—Equipment Fund		800	
National Heart Foundation—Equipment Fund		477	
Australian Road Research Board— Equipment Fund		6,262	
Computing Centre Consulting Fund		1,534	
A.I.N.S.E.—Physics—Equipment Fund		87	
Wool Research Committee and S.A. Wheat Research Council—Equipment Fund ..		585	
Nuffield Equipment Fund		527	
Philips Ltd.—Equipment Fund		56	
Australian Mineral Industries Research Association—Equipment Fund		310	
Commonwealth Wheat Industrial Research Council Equipment Fund		81	
		5	
		<u>310,867</u>	
7. Donations for Library—			
T. E. Barr Smith Library Fund		5,595	
Sir William Mitchell Library Fund		2,297	
Elizabeth Jackson Library Fund		1,326	
A.M.A. Library Fund		12,599	
A. M. Simpson Library Fund		926	
Kate Helen Weston Library Fund ..		12	
S.A. Tuberculosis Association Library Fund		857	
Herbert Shorney Memorial Library Fund ..		287	
Elizabeth Mills Library Fund		280	
Institute of Physics—Library Fund		58	
Australian Association of Psychiatrists Library Fund		34	
S.A. Brewing Co. Library Fund		332	
Australian Physiotherapy Association Library Fund		5	
Georgina Mills Library Fund		206	
St. Peter's College Library Fund		52	
Viscount Dunrossil Memorial Library Fund		165	
		<u>25,031</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1963—Continued

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
8. Endowments—General—			
Peter Waite Endowment		100,031	
W. D. Grigg Estate—Endowment ..		18,304	
Elizabeth MacMeikan—Endowment		18,872	
Hugh Hughes—Endowment ..		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>	
9. 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>	
10. 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	
Wool Research Committee—Donations towards Insectary		2,070	
Donations for Insectary		1,170	
Rural Credits Development Fund—Grant for Equipment (Proteins and Fodder Research)		10,000	
Rural Credits Development Fund ..		262	
Donations towards Cost of Electron Microscope		19,977	
Commonwealth Department of Health— Donation of Glasshouse and Fittings ..	1,720		
Commonwealth Department of Health— Donation for Extensions	4,617		
Phylloxera Board Donation for Extension ..	3,000		
		<u>9,337</u>	
Shell Chemical Co.—Postgraduate Scholarship for Nematology		211	
A.I.N.S.E. Grant for Equipment		653	
National Sirex Fund Committee— Equipment Fund		1,270	
Nuffield Foundation—Equipment Fund		350	
Contributions to Alterations to Building		1,500	
Anonymous Donation for Animal Science ..		5,000	
Australian Cattle and Beef Research Equipment Fund		777	
Carried forward		<u>72,377</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
Brought forward	72,377	
State Wheat Research Equipment Fund	11,106	
Barley Improvement Equipment Fund	7,017	
Wool Research Equipment Fund	5,583	
Commonwealth Wheat Research Equipment Fund	23,555	
Sheep Account Equipment Fund	768	
		<u>120,406</u>
 11. <i>Unexpended Balances and Grants—</i>		
Lily Waite Estate—Income Account	1,220	
C.S.I.R.O. Soil Investigations	11	
Wool Research Fund Income	2,019	
George Aitken Pastoral Research Trust	12	
I.C.I. of A.N.Z. Grant for Research	73	
Commonwealth Wheat Fund Income	2,646	
Rural Credits Development Fund—Grant to Insectary Building Fund	7,000	
Rockefeller Grant for Insectary	4,445	
Sheep Account	962	
Wool Research Fellowship—Grant-in-aid Wells	105	
Wool Research Fellowship—Income	20	
Commonwealth Department of Health — Grant for Systematic Mycology	487	
Donation towards Alterations of Plant Pathology (Nematology) Laboratories	3,095	
A.A.E.C. Equipment Fund—Plant Physiology	341	
Grant from University Union for Furnishing Students' Common Room ..	300	
Professor Morton's Donation	45	
Locker Deposits	4	
Rural Credits Development Fund Grant for Insectary Facilities	1,400	
U.S.P.H.S. Equipment Fund	9,553	
Nuffield Foundation Grant for Entomology ..	175	
Australian Cattle and Beef Research Committee—Plant Physiology ..	95	
U.S.P.H.S. Grant—Agricultural Chemistry ..	205	
Rothman's Endowment Fund—Income— Plant Physiology	1,018	
Wheat Industry Fund of Victoria Scholarship	307	
Rural Credits Development Fund Postgraduate School—Plant Pathology	1,843	
Rural Credits Development Fund— Controlled Environment Cabinets— Agronomy	2,288	
Sulphur Institute Grant to Agronomy	1,310	
		<u>40,979</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

ASSETS

NORTH TERRACE

£ £ £

12. *Inscribed Stock*—

Australian Consolidated Stock—

4½%—15/11/68	.....	.....	.....	.....	200
3½%—15/8/64	.....	.....	.....	.....	7,508
4½%—15/11/68	.....	.....	.....	.....	1,964
5% —15/2/67	.....	.....	.....	.....	3,287
5½%—15/2/82	.....	.....	.....	.....	500
5½%—15/2/82	.....	.....	.....	.....	100
5½%—15/8/70	.....	.....	.....	.....	400
3½%—15/8/64	.....	.....	.....	.....	944

14,903

13. *Electricity Trust Debentures*—

3½%—“K”—1964	.....	.....	.....	.....	1,188
5½% 1967	.....	.....	.....	.....	146,910
5½%—“B”—1969	.....	.....	.....	.....	5,460
5½% 1973	.....	.....	.....	.....	220,000
5½% 1968	.....	.....	.....	.....	580
5½%—“B”—1969	.....	.....	.....	.....	570
5½% 1967	.....	.....	.....	.....	1,850
5½% 1970	.....	.....	.....	.....	1,050
5½%—“B”—1969	.....	.....	.....	.....	93
5½%—“A”—1964	.....	.....	.....	.....	2,130
5½% 1965	.....	.....	.....	.....	985
5½% 1967	.....	.....	.....	.....	995
5½% 1967	.....	.....	.....	.....	4,000
5½% 1968	.....	.....	.....	.....	1,450
5½% 1970	.....	.....	.....	.....	750
5½% 1969	.....	.....	.....	.....	110
5½% 1969	.....	.....	.....	.....	100
5½% 1969	.....	.....	.....	.....	100
5½% 1970	.....	.....	.....	.....	20,000

408,321

Less Transfer to Investment
of Reserves £ 142,743
Transfer to Waite
Institute 13,664

156,407

251,914

S.A. Gas Co. Bonds—

6% 1971	.....	.....	.....	.....	10,000
6% 1970	.....	.....	.....	.....	300
5½% 1975	.....	.....	.....	.....	500
3½% 1966	.....	.....	.....	.....	272
5½% 1969	.....	.....	.....	.....	2,300
5½% 1969	.....	.....	.....	.....	2,800
5½% 1965	.....	.....	.....	.....	100
4½% 1968	.....	.....	.....	.....	50,000
5½% 1969	.....	.....	.....	.....	300
5½% 1973	.....	.....	.....	.....	100

66,672

Carried forward

318,586

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£	£
Brought forward		318,586	
<i>Shares—</i>			
Share Investments	162,272		
E. C. Hoare Bequest—Shares	2,332		
Cellulose (Aust.) Ltd. (T. E. Barr Smith Travelling Scholarships)	13,875		
Finance Corporation of Australia Ltd. (Athol Lykke Fund)	1,860		
G. Michell—Shares in Companies	56,558		
A. M. Barnes Estate—Shares	5,034		
S. McGregor Reid—Shares	24,347		
Jean B. Reid—Shares	59,745		
Reginald Walker Bequest—Shares	26,483		
Milne Scholarship Fund—Shares	5,000		
Cellulose (Aust.) Ltd.—T. E. Barr Smith (Lady Barr Smith Anti-Cancer Fellowship)	10,500		
S. D. Holdsworth Estate	15,255		
C.N.F. Unit Trust	153		
		<u>383,414</u>	<u>702,000</u>
 14. <i>Buildings, Furniture and Fittings—</i>			
Bonython Hall		51,003	
Barr Smith Library		239,315	
Mitchell Building		64,215	
Physics Building		70,985	
Glasshouse—Department of Genetics		2,216	
Staff Club Building		25,720	
Prince of Wales Building		44,885	
Elder Conservatorium Building		35,337	
Darling Building		147,006	
Elementary Chemical Laboratory		3,678	
George Murray Building	11,543		
Lady Symon Building	9,500		
Union Hall	122,724		
Refectory Building, Offices, etc.	174,649		
		<u>318,416</u>	
Johnson Chemistry Building		160,990	
Animal Culture House—Darling Building		934	
Caretaker's Lodge		1,846	
Mathematics Building		37,575	
Mechanical Engineering Building		50,832	
Main Engineering Building		233,101	
Engineering Annexe		74,619	
Medical School		504,142	
Mawson Laboratories		127,294	
Oil Store		615	
Stores Building		186	
Benham Laboratories		57,130	
Observatory Building		7,500	
Organic Chemistry Building		282,443	
Seismograph Vault at Mt. Bonython		3,341	
Seismograph Vault at Hallett		1,163	
Seismograph Vault at Cleve		1,761	
Prefabricated Hut and Fencing— St. Kilda		1,429	
		<u>2,549,677</u>	
Carried forward			

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward	2,549,677	
University Maintenance Workshop	11,585	
New Glasshouse—Botany	3,066	
Napier Building Stages I and II	372,415	
R. A. Fisher Laboratories	617,078	
Capital Development of Park 9	13,439	
Bragg Laboratories	121,571	
Physical Education Building	92,632	
	<u> </u>	<u>3,781,463</u>
15. <i>Other Lands and Buildings—</i>		
Globe Chambers—Victoria Square		
Weymouth Street Property		
Landed Estate—Northern Territory		
<i>MacKinnon Parade and Finnis Street Properties—</i>		
119-120 MacKinnon Parade, North Adelaide		
105 MacKinnon Parade, North Adelaide		
116-117 MacKinnon Parade, North Adelaide		
109 MacKinnon Parade, North Adelaide		
107 MacKinnon Parade, North Adelaide		
1 MacKinnon Parade, North Adelaide		
53-55 MacKinnon Parade, North Adelaide		
4 MacKinnon Parade, North Adelaide		
121 MacKinnon Parade, North Adelaide		
77-79 Finnis Street, North Adelaide		
73 Finnis Street, North Adelaide		
83 Finnis Street, North Adelaide		
93 Finnis Street, North Adelaide		
89 Finnis Street, North Adelaide		
85 Finnis Street, North Adelaide		
51 Finnis Street, North Adelaide		
Total		<u>109,481</u>
16. <i>Advances on Mortgage—</i>		
17 Advances		<u>30,728</u>
17. <i>Trust Funds held by Trustees—</i>		
Edward Neale	28,921	
Rosye F. Mortlock	5,086	
	<u> </u>	<u>34,007</u>
18. <i>Investment Properties and Improvements—</i>		
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		
No. 35 Dee Street, Woodville South		
Total		<u>23,560</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£
19. <i>Current Balances—</i>		
Petty Cash—Chief Clerk		100
<i>Materials in Workshop—</i>		
Carpenters' Workshop	4,306	
Electrical Maintenance Workshop	1,163	
Instrument and Mechanical Maintenance Workshop	358	
Photographic Services Materials	385	
Electronic Workshop	944	
Work in Progress—Wages	140	
Work in Progress—Materials	218	
Stores Account	1,950	
Bulk Alcohol and Methylated Spirits	14	
Dental Cabinets	14	
	-----	9,492
<i>Sundry Debit Balances—</i>		
Universities Commission—Salaries	52	
Sir Douglas Mawson Anniversary Volume	548	
Outstanding Workshop Accounts	497	
Sundry Accounts	2,011	
Union Salaries and Wages	1,203	
Lawrence Matrix	227	
Staff Club	2,020	
R. P. Draper	97	
Engineering Testing	73	
Cancer Research	21	
N. G. Stewart	208	
Dissipator Fund—Civil Engineering	221	
Z. P. Dienes	139	
Pharmaceutical Society	4,005	
Sturt Dam Fund	627	
Sturt Drain—Civil Engineering	121	
British Council—Bryn Davies	17	
Kangaroo Creek Dam Fund—Civil Engineering	313	
Advance Account—J. H. van Deth	773	
Harvard School of Dental Medicine	567	
P. C. Reade	260	
Sundry Debtors—Library	52	
Building Repairs—1964 Advance Payments	6,200	
The S.A. Harbors Board Tidal Investigation	181	
J. J. C. Smart	274	
Advance Account—P. W. Miles	50	
E. A. Russell	153	
A. Kerr	38	
P. S. Delin	151	
Anti-Cancer Cytology Services	2,722	
U.R.G.—1964 Advance Payments	294	
S.A. Association for Mental Health	2,789	
Rural Credits Development Fund	3,000	
Advance Payment—Medical Research Committee	119	
Economic Geology Consulting Fund	103	
S.A. Chamber of Manufactures Inc. Prize in Electronic Control	10	
The James Hardie Prize in Architecture	50	
Carried forward	-----	9,592
	30,186	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£
Brought forward	30,186	9,592
S.A. Institute of Architects Prize	31	
S.A. Gas Company Prize in Architecture	100	
Electrical Research Board Studentship— Sobolewski	121	
National Health and Medical Research Grant	1,662	
Department of Air and Civil Aviation— Aeromedical Research	338	
Australian Atomic Energy Commission— Grant for Studentships	23	
G.M.H. Postgraduate Fellowship— Grant-in-aid—Mumme	5	
The Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Child Health	121	
Australian Institute of Nuclear Science and Engineering Grant—Jordan and Cowlsh	224	
Australian Institute of Nuclear Science and Engineering Grant—Jordan	90	
Australian Institute of Nuclear Science and Engineering Grant—Laurence	—	
Reserve Bank—Grant to Economics	2	
National Heart Foundation of Australia Grant—Physiology	99	
Reserve Bank—Rural Credits Development Fund—Physiology	44	
Reserve Bank—Rural Credits Development Fund—Zoology	1,022	
Australian Road Research Board— Mathematics	123	
Australian Cattle and Beef Research Committee—Zoology	711	
National Heart Foundation Fellowship— Casely-Smith	660	
National Heart Foundation—Zoology	12	
National Heart Foundation Fellowship— Hodge	158	
D.S.I.R. Grant—Physics	16	
Consolidated Zinc Rio Tinto of Australia Ltd.—Grant-in-aid Postgraduate Research Scholarship	79	
Washington State University Grant— Botany	347	
Wool Research Committee Grant— Economics	3,019	
Commonwealth Wheat Fund— Biochemistry	995	
Colgate-Palmolive Research Project— Dentistry	37	
C.S.I.R.O. Grant—Genetics	15	
Patent Recording Apparatus	142	
Australian Economics Papers	253	
Public Examinations Board	4,853	
Funds Advanced to Bedford Park	968	
J. G. Wood—Furniture	77	
Carried forward	46,533	9,592

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£	£
Brought forward	46,533	9,592	
Loan for Fees—			
Jackson, R. E.	36		
Kowanko, R. J.	24		
Kartaszewskyj, J.	120		
Makawijczuk, E.	60		
O'Flaherty, E. R. P.	46		
Clark, G. R. A.	24		
Flannagan, C. P.	24		
Kitchen, B.	36		
Siebert, S.	32		
Wardrop, A. H.	101		
Avery, R. H.	157		
Gardonyi, S.	168		
Hendrickson, C.	168		
Karay, S. C.	168		
Plachy, R. I.	154		
Somogyi, J. L. F.	168		
Staska, J.	168		
Willinck, J. W. I.	90		
North, L. P.	84		
Spinks, R. F.	42		
Hall, R. D.	30		
Lot, R. J.	48		
Rainsford, B. G.	38		
Stevens, P. J.	57		
Bloor, A. R.	18		
De Cean, G. R.	34		
Lovell, R. S.	30		
Lund, P. G.	40		
Wuttke, W. W.	40		
Wordie, E.	32		
Udvardy, T. B.	8		
	48,778	48,778	58,370
20. <i>Work in Progress—</i>			
Napier Building Stage III (Balance)	516,512		
Physical and Inorganic Chemistry Building Extensions	187,325		
Physical and Inorganic Chemistry Building Extensions—Furniture and Fittings	8,598		
Engineering Annexe	9,531		
Cirrus Computer—Electrical Engineering	12,549		
	734,515	734,515	734,515
21. <i>Equipment—</i>			
Equipment	1,058,774		
Amsler Press	6,555		
Optical Rotatory Dispersion Apparatus—			
Organic Chemistry	3,209		
Equipment—Engineering Testing (No. 1 Account)	7,294		
Equipment—Engineering Testing (No. 2 Account)	9,031		
Special—Mining and Metallurgy	23,950		
Special—Chemistry	3,479		
Carried forward	1,112,292	1,112,292	1,112,292

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£	£
Brought forward		1,112,292	
Napier Birks Room		1,975	
Animal Culture House (Darling Building)		753	
Special—Electrical Engineering		108	
Special—Geology		3,106	
Clinical Medicine		8,017	
Equipment—X-ray Spectrograph—Geology		6,552	
Electron Microscope—Zoology		17,253	
Dual Purpose Spectrometer—Physical Chemistry		24,000	
Scanning Monochromator—Physics		6,820	
Law Reports		5,359	
Noise and Vibration Chamber— Mechanical Engineering		11,636	
Back Numbers of United Kingdom and Australian Official Papers—Politics		5,097	
Gas Chromatography Assembly— Biochemistry		5,660	
Channel Pulse Height Analyser—Physics		5,155	
E.E.G. Recording Equipment—Psychology		6,251	
C.S.I.R.O. Grant for Animal Ecology		266	
Animal Ecology (Rural Credits Development Fund)		5,144	
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	
Irrigation Research Equipment—Civil Engineering		73	
Electronic Organ—Bonython Hall		2,350	
E.T.S.A. Dynamic Network Analyser		30,471	
American Petroleum Institute—Geology Equipment		1,508	
Damon Runyan Memorial Fund—Farrand Spectrofluorometer		2,480	
Nuffield Foundation Grant—Microbiology		615	
Mechanical Engineering Consulting Fund		1,245	
Aeromedical Research		3,910	
Electronic Research Equipment		1,001	
Michell Research		2,323	
Sandoz Grant—Obstetrics		84	
Nuffield Foundation Grant—Geology		56	
Philips Electrical Industries Grant		310	
Radioisotopes Fund		127	
Rockefeller Grant—Biochemistry		3,100	
Physiology Special Equipment		164	
Equipment—Public Examinations in Music		5,258	
Equipment—Public Examinations Board		13,264	
C.R.T.S. Equipment		74,202	
Life Insurance Medical Research Fund of Australia and New Zealand—Child Health		1,844	
Life Insurance Medical Research Fund of Australia and New Zealand— Physiology		2,518	
Radio Research Board		7,695	
Australian Atomic Energy Commission— Penman		294	
Carried forward		1,396,521	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£	£
Brought forward		1,396,521	
Atomic Research—Culver		815	
Atomic Research—Mining (Denholm)		1,463	
C.S.I.R.O.—Native Mammals		69	
Reserve Bank Equipment—Australian Wool		166	
Rural Credits—Fruit Fly Equipment		805	
Commonwealth Wheat Industry Research— Biochemistry		5	
Wool Research—Economics		358	
Australian Mineral Industries Research Association—Economic Geology		81	
House Mouse Research—Zoology		169	
A.I.N.S.E. Grant—Physics		585	
Myer Foundation		477	
Wellcome Fund—Microbiology		1,133	
Rockefeller Foundation—Physical and Inorganic Chemistry		8,900	
Rockefeller Foundation—Zoology		3,323	
A.I.N.S.E. Physics and Physical Chemistry		20	
A.I.N.S.E. Physical Chemistry		7,094	
International Law Association		353	
A.I.N.S.E.—Physical Chemistry—Laurence ..		1,070	
Equipment—Graduates' Union		935	
Elder Conservatorium Bergonzi Viola		1,045	
A.A.E.C. Physical Chemistry		751	
A.A.E.C. Physics		710	
Geology Consulting Fund Equipment		23	
Australian Road Research Board— Pathology		1,534	
Rockefeller—Kuru Research Equipment		1,716	
National Heart Foundation Equipment		6,262	
Commonwealth Postgraduate Scholarship Equipment		3,726	
U.S.P.H.S.— Child Health		6,731	
Zoology		288	
Physical Chemistry		712	
Grant—Dunlop—Physical Chemistry ..		5,206	
Grant—Psychology		2,955	
N.H.M.R.C. Equipment		9,084	
M.R.C. Equipment		32,352	
Australian Dairy Produce Board— Biochemistry		200	
U.S. Public Health Service—Microbiology ..		16,515	
Electrical Research Board—Physics		698	
C.S.R. Physical Chemistry		505	
Projection Equipment—Union Hall ..		1,500	
Postgraduate Committee—Medicine		114	
Economic Geology Consulting Fund Equipment		1,035	
Mechanical Engineering Special Equipment		61	
C.S.R.—Mining		800	
			<u>1,518,865</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1963 — Continued

	£	£	£
22. Library Books and Binding—			
Expended to 31/12/49		80,409	
Purchased from H.M. Government of S.A. Funds		403,684	
Carnegie Corporation—Expenditure		5,967	
T. E. Barr Smith Endowment for Library ...		5,595	
Sir William Mitchell Endowment for Library		2,297	
Elizabeth Jackson Endowment for Library		1,326	
A.M.A. Library Expenditure		12,599	
A. M. Simpson for Library		926	
Kate Helen Weston for Library		12	
S.A. Tuberculosis Association—Donation for Library		857	
Herbert Shorney Memorial Library		287	
Elizabeth Mills for Library		280	
Institute of Physics—Donations for Books		58	
Australian Association of Psychiatrists— Grant to Medical Library		35	
S.A. Brewing Co.—Library Expenditure— Microbiology		332	
Australian Physiotherapy Association Library		5	
Georgina Mills Estate—Fund for Library ...		206	
St. Peter's College Grant—Library		52	
Viscount Dunrossil Memorial Library		165	
			<u>515,092</u>
23. Furniture—			
Furniture—General		107,948	
Staff Common Room		2,269	
Electric Light and Power Installation		1,814	
Mechanical Engineering Consulting Fund ...		253	
Economic Geology Consulting Fund		266	
Special Furniture—Computing Centre		86	
			<u>112,636</u>
WAITE AGRICULTURAL RESEARCH INSTITUTE			
24. Funds Held by Trustees—			
Peter Waite Trust Fund Investments		60,159	
Elizabeth MacMeikan Trust Fund Investments		18,872	
Hugh Hughes Estate—Trust Fund ...		36,073	
			<u>115,104</u>
25. Land—			
Urrbrae, Claremont and Netherby Estates		42,455	
Alverstoke Estate		12,000	
			<u>54,455</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1963 - Continued

	£	£	£
26. 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 No. 21		2,602	
John Melrose Laboratory		16,744	
John Melrose Laboratory Fittings		4,187	
John Darling Laboratory		9,812	
John Darling Laboratory Fittings		2,186	
Ranson Mortlock Laboratory		11,455	
Ranson Mortlock Laboratory Fittings		3,922	
Waite Institute (South Wing)		21,463	
Waite Institute (South Wing Fittings)		4,123	
Glasshouse No. 7		3,800	
Alterations to Urrbrae House		9,984	
Alterations to Laboratories—Agricultural Chemistry		19,383	
Renovations to Laboratories (C.S.I.R.O. Grant)		1,581	
Alterations—Plant Pathology (Nematology Laboratories)		3,093	
Waite Insectary Building		17,761	
New East Wing		111,518	
New East Wing Furniture and Equipment		4,449	
Maintenance Workshop		9,532	
Agronomy Field Laboratory		10,420	
Glasshouse No. 8		9,630	
Agronomy Garage		1,170	
Waite Animal House (Agricultural Chemistry)		3,114	
Central Animal House		24,506	
Farm Garages		1,293	
Glasshouse No. 22		2,521	
			<u>340,508</u>
27. Equipment and Furniture—			
Farm Equipment		13,420	
Laboratory Equipment		28,574	
Students' Equipment		2,148	
Farm Improvements		9,308	
Live Stock Account		2,312	
Equipment		274,617	
Carried forward		330,379	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1963 – Continued

	£	£	£
Brought forward		330,379	
John Mortlock Research Station— Equipment		2,268	
Rural Credits Development Fund— Equipment		10,000	
Rural Credits Development Fund— Equipment—Agronomy		262	
Electron Microscope		19,977	
Wool Research Equipment—Agronomy		4,777	
Wool Research Equipment—Entomology		805	
Barley Improvement Fund Equipment— Agronomy		4,788	
Barley Improvement Fund Equipment— Plant Physiology		2,229	
Commonwealth Wheat Research Equipment —Agricultural Chemistry		13,485	
Commonwealth Wheat Research Equipment —Agronomy		6,640	
Commonwealth Wheat Research Equipment —Plant Physiology		829	
Commonwealth Wheat Research Equipment —Plant Pathology		80	
State Wheat Research Equipment— Agricultural Chemistry		9,447	
State Wheat Research Equipment— Agronomy		1,659	
Anonymous Donation—Animal Science		500	
A.A.E.C.—Plant Physiology		341	
A.I.N.S.E. Grant for Agricultural Chemistry		653	
Nuffield Grant—Entomology Equipment		351	
Sirex Wasp Research Equipment		1,270	
Australian Cattle and Beef Research Equipment—Agronomy		777	
U.S.P.H.S. — Agricultural Chemistry		9,553	
Central Animal House—Equipment		1,119	
Furniture		17,586	
		<u>439,775</u>	
28. <i>Library—</i>			
Purchased from State Funds		47,319	
Library		11,123	
		<u>58,442</u>	
29. <i>Current Balances—</i>			
Petty Cash		50	
Advance Account		50	
Australian Wine Research Board		4	
Barley Improvement Fund		35	
S.A. Fruitgrowers' and Market Gardeners' Pea Research		763	
Sundry Debtors		7,552	
State Wheat Fund		217	
Deciduous Tree Research		950	
Sirex Wasp Research		4,280	
Australian Cattle and Beef Research Committee		28	
S.A. Wheat Studentship—Agronomy		956	
		<u>14,885</u>	

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Anatomy</i>	Wenner-Gren Foundation for Anthropological Research Wenner-Gren Foundation for Anthropological Research
<i>Anthropology</i>	National Heart Foundation Australian Institute of Aboriginal Studies Australian Institute of Aboriginal Studies Australian Institute of Aboriginal Studies The Myer Foundation
<i>Biochemistry</i>	Commonwealth Department of Health Rural Credits Development Fund Rothmans University Endowment Fund Australian Cattle and Beef Research Committee National Heart Foundation Squibb Institute for Medical Research Wheat Industry Research Council (Commonwealth) Nuffield Foundation
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health
<i>Botany</i>	Reserve Bank—Rural Credits Development Fund C.S.I.R.O.
<i>Physical and Inorganic Chemistry</i>	Australian Atomic Energy Commission I.C.I.A.N.Z. Australian Institute of Nuclear Science and Engineering Colonial Sugar Refining Co. Ltd. United States Department of Health Education and Welfare Monsanto Chemicals Ltd.
<i>Organic Chemistry</i>	American Chemical Society (Petroleum Research Fund) Jane Coffin Childs Memorial Fund for Medical Research Monsanto Chemicals Ltd. United States Department of Health, Education and Welfare General Motors-Holden's Ltd.
<i>Child Health</i>	National Heart Foundation of Australia Adelaide Children's Hospital The Nestle Company Australia Ltd. Sigma Company Ltd. The Life Insurance Medical Research Fund C.I.B.A. Company Ltd. United States Department of Health, Education and Welfare

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1963	<i>Estimated</i>
	£	1964 £
Grant for Lectures on Australian Literature	290	500
Grant to Aid Physical Anthropological Research on Aborigines of Northern Australia	745	1,000
Predoctoral Fellowship in Anthropology—P. Rao	311	357
Medical Research Fellowship	4,894	—
Grant for Linguistic Research	29	2,471
Grant for Aboriginal Research—Dr. Barrett	5	95
Grant for Collection of Ethnomusicological Material—Dr. C. Ellis	159	101
Grant for Aboriginal Research—Dr. Campbell	102	148
Grant for Equipment for ethnomusicological research— Dr. C. Ellis	594	—
N.H.M.R.C. Grant for Medical Research	3,590	—
Grant to Establish a Unit for Virus Biochemistry and Molecular Biology	—	4,450
Fellowship and Grant-in-aid	1,783	1,675
Senior Postgraduate Studentship	870	450
Grant-in-aid	—	1,500
Grant for Investigations Concerning the Synthesis and Metabolism of Organic Arsenicals	1,199	2,175
Grant for Wheat Improvement Research	997	5,400
Grant for Project Concerned with the Structure and Biological Properties of a Homogeneous deoxyribonucleic Acid	2,168	2,250
N.H.M.R.C. Annual Grant	2,000	2,000
Grant for Research on Physiology of the Nutrition of Saltbush	1,744	1,270
Grant for Postgraduate Training in Biophysics	—	1,800
Grants for Research	283	1,450
Research Fellowship	—	1,100
Grants for Research	8,148	3,980
Studentship	600	750
Grant for Project: "The Diffusion Co-efficients of Nucleic Acids"	5,194	840
Grant for Research on High Polymers	1,947	400
No. 2 Grant—New Aromatic Systems	1,452	3,000
Grant for Expenses of Investigations by Professor G. M. Badger	522	—
Grant for Research on High Polymers	400	400
Grant for Research in "The Process of Tar Formation"	2,451	4,700
Postgraduate Fellowships	2,300	1,500
Grant-in-aid	119	1,815
Grants for Research	1,117	1,500
Grant for Metabolic Study	251	—
Grant for Assistance for Work on Penicillin Derivatives	—	400
Grant for Research on Coronary Blood-flow and Myocardial Metabolism	553	—
Grant for Research	—	380
Grant for Project: "Metabolism of Canine and Marsupial Heart"	9,517	9,000
Carried forward	56,334	58,857

<i>Department</i>	<i>Source of Grant</i>
<i>Dentistry</i>	Colgate-Palmolive Pty. Ltd.
	Social Sciences Research Council
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Rural Credits Development Fund
	Wool Research Committee
<i>Elder Conservatorium</i>	Australian Elizabethan Theatre Trust
	Reserve Bank—Rural Credits Development Fund, Pope Products Ltd., and Southern Cross Machinery Co.
<i>Civil Engineering</i>	
<i>Electrical Engineering</i>	Postmaster-General's Department
	C.S.I.R.O. Electrical Research Board
	C.S.I.R.O. Electrical Research Board
	Department of Civil Aviation
<i>Chemical Engineering</i>	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
	Water Research Foundation
	Albright & Wilson (Aust.) Pty. Ltd.
	Colonial Sugar Refining Co.
<i>Mechanical Engineering</i>	Bushfire Research Committee
	Commonwealth Literary Fund
	National Heart Foundation of Australia
	C.S.I.R.O.
	Wool Research Committee
	Reserve Bank of Australia
<i>Geology</i>	American Petroleum Institute
	The Nuffield Foundation
	The Nuffield Foundation
<i>Economic Geology</i>	Australian Mineral Industries Research Association
	Australian Development N.L.
<i>Law</i>	International Law Association
	Social Sciences Research Council
<i>Mathematics</i>	General Motors-Holden's Ltd.
	Australian Road Research Board
<i>Mathematical Physics</i>	Australian Institute of Nuclear Science and Engineering
	Australian Atomic Energy Commission
	General Motors-Holden's Ltd.

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	<i>Estimated</i>	
	1963 £	1964 £
Brought forward	56,334	58,857
Grant for Dentifrice Research Project	37	5,000
Grant for Econometrics Seminar	73	120
Grant for Publication, "An Australian Bibliography of Agricultural Economics"	—	200
Grant for Australian Economic Papers	—	200
Grant for Project: "The Australian Wage-Price Mechanism Since 1953"	250	—
Grant for Project: "Output and Productivity in Australian Manufacturing Industry 1948/49 to 1961/62"	—	1,700
Grant for Project: "The Australian Labour Market"	538	1,300
Grant for Project: "The Australian Propensity to Save" Econometric Analysis of the Structure of the Market for Australian Wool	83	500
Grant for Postgraduate Programme in Wool Economics Research Training	2,272	900
Grant to Support Opera	2,287	6,400
	—	1,450
Grants for Irrigation Research	5,625	7,500
Grant for "Cirrus" Project	1,047	600
Grant-in-aid for Postgraduate Student	121	—
Grant for Research in Power Networks	539	—
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	229	5,000
Studentships	1,121	900
Grants for Research	796	1,000
Grant for Research in the use of a Wiped Film Evaporator for the Distillation of Sea Water	458	500
Studentship in Chemical Engineering	150	—
Grant to Supplement Scholarship and for Purchase of Equipment	25	—
Grant for Spark Arresters Research	482	—
Grant for Lectures in Australian Literature	100	100
Grant for Research in Cytogenetics of Man	1,287	—
Grant for Project on the Cytological Evidence on the Evolution of Marsupials	—	1,240
Fellowship	879	220
Fiftieth Anniversary Postgraduate Scholarship	1,017	1,600
Grant for Research on Dolomite Sedimentation	1,298	870
Grant for a Research Project on Precambrian Fossils in S.A.	1,621	70
Grant for Project: "Petrology of the Giles Project"	380	270
Grant for Rheid Morphology Project	3,481	4,000
Studentship	500	—
Grant for Project: "Succession of New States"	4,389	4,500
Grant-in-aid of Research Project on International Law	576	600
Postgraduate Studentship in Theory of Traffic Flow	1,458	1,500
Fellowship	1,377	1,500
Grants for Research	1,459	1,600
Grants for Studies in (a) Computer Codes for (n,p) and (n,2n) Reactions	1,798	—
Fellowship	1,334	1,560
Carried forward	95,421	111,757

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Medicine</i>	Commonwealth Department of Health National Heart Foundation National Heart Foundation
<i>Microbiology</i>	Commonwealth Department of Health Merck, Sharpe & Dohme Laboratories Inc. United States Department of Health, Education and Welfare Nuffield Foundation
<i>Obstetrics</i>	Sandoz Ltd. National Heart Foundation
<i>Pathology</i>	G. D. Searle & Co. Ltd. Commonwealth Department of Health Australian Road Research Board
<i>Physics</i>	C.S.I.R.O. Radio Research Board Department of Supply (Weapons Research) Philips Electrical Industries Ltd. Australian Atomic Energy Commission Australian Institute of Nuclear Science and Engineering I.C.I.A.N.Z. U.S. Airforce
<i>Physics and Physical Chemistry</i>	Australian Institute of Nuclear Science and Engineering
<i>Physiology</i>	Department of Air and Department of Civil Aviation Commonwealth Department of Health Life Assurance Medical Research Fund National Heart Foundation of Australia National Heart Foundation of Australia United States Department of Health, Education and Welfare Wool Research Committee
<i>Psychology</i>	
<i>Zoology</i>	Reserve Bank—Rural Credits Development Fund The Nuffield Foundation Wool Research Committee and S.A. Wheat Research Committee Australian Cattle and Beef Research Committee United States Department of Health, Education and Welfare Prime Minister's Department National Heart Foundation C.S.I.R.O. International Atomic Energy Agency Reserve Bank—Rural Credits Development Fund Australian Institute of Nuclear Science and Engineering

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	<i>Estimated</i>	
	1963	1964
	£	£
Brought forward	95,421	111,757
N.H.M.R.C. Grant for Medical Research	4,039	5,760
Grant-in-aid	972	5,400
Junior Medical Research Fellow	2,233	1,340
N.H.M.R.C. Grant for Medical Research	3,960	6,810
Grant for Research by Professor D. Rowley	—	600
Grant for Research on Role of Opsonins in the Native Susceptibility to Infections	11,063	13,000
Grant for Work in the Field of Natural Immunity to Infectious Diseases	2,706	3,600
Grant for Research in Obstetrics	353	660
Grant for Research in Hypertensive Conditions during Pregnancy	219	—
Grant for Work on Hormone Preparations	381	1,100
N.H.M.R.C. Grant for Medical Research	1,474	800
The Investigation of a Random Sample of Injury-producing Traffic Accidents in Adelaide ...	7,826	6,500
Meteor Trails Research	8,424	8,900
Grant for Upper Atmosphere Composition Studies using Ultra-violet Detectors	1,880	3,120
Grant for Research in Semi-conductors	322	180
Grant for Study and Development of Stable Battery High Voltage Power, etc.	99	135
Grants for Research	793	590
Research Fellowship	1,100	—
Grant for Project: "Irregularities and Movements in the Ionosphere"	4,403	6,200
Grant for "Neutron Diffraction Studies of Silver Nitrate and Thalious Nitrate"	62	13
Aeromedical Research	3,086	3,500
N.H.M.R.C. Grants for Medical Research	3,945	6,400
Grant for Research on the Effects of Reserpine, etc., on the Levels of Circulating Vasoactive Hormones ...	163	800
Grants-in-aid	7,713	7,820
Fellowship	—	850
Grant for Project: "Behaviour Related to Induced Cholinesterase Syntheses"	5,586	6,800
Grant for Ecological Investigation of Pastures in the Mid-North of South Australia	2,057	845
Grants for Research in the Ecology of the Snail Vector of the Liver Fluke Parasite of Sheep ...	1,528	1,438
Grant for Research on Marsupial Genetics	400	—
Grant for House Mouse Research Project	2,086	2,200
Grant for Research in Chemistry of the Mechanism of Infection of Nematode Parasites	2,023	507
Grant for Project: "Physiological Adaptations to Parasites"	4,722	5,000
Grant for Publication of B.A.N.Z.A.R.E. Reports	566	2,000
Grant-in-aid	2,774	820
Grant for Animal Ecology	500	500
Grant for Fruit Fly Research	—	2,300
Grant for Fruit Fly Research	4,547	3,600
Grant for Fruit Fly Research	—	1,000
Carried forward	189,426	222,845

<i>Department</i>	<i>Source of Grant</i>
<i>Barr Smith Library</i>	S.A. Tuberculosis Association
	Australian Medical Association
	Australian Association of Psychiatrists ..
	Australian Physiotherapy Association
	S.A. Associated Brewers
<i>Medical Research (General)</i>	National Heart Foundation
	Commonwealth Department of Health
<i>Waite Institute</i>	Wool Research Committee
	Wool Research Committee
	Barley Improvement Fund
	S.A. Fruitgrowers' and Market Gardeners' Association
	The Australian Dried Fruits Association and S.A. Canning Fruitgrowers' Association and Deciduous Tree Fruit Research and Extension Committee (Department of Primary Industry)
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Merck & Co.
	Nuffield Foundation
	Apiarists' Association
	Wheat Industry Research Council (Commonwealth)
	Wheat Industry Research Council (State)
	Commonwealth Department of Health
	United States Department of Health, Education and Welfare
	Wheat Industry Research Committee of Victoria
	Australian Cattle and Beef Research Committee
	National Sirex Trust Fund
	Rothmans University Endowment Fund
	Sulphur Institute
Shell Chemical Fund	
<i>Bedford Park</i>	Australian Institute of Nuclear Science and Engineering

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	<i>Estimated</i>	
	1963	1964
	£	£
Brought forward	189,426	222,845
Grant for Books and Periodicals Dealing with Tuberculosis	53	40
Grant for Medical Books and Periodicals	984	1,230
Grant for Medical Books and Periodicals	14	—
Grant for Medical Books and Periodicals	5	10
Grant for Laboratory Books, Manuals, etc., for Microbiology Department	55	150
Grant for Viscount Dunrossil Memorial Library	36	30
N.H.M.R.C. Grant to the University for Medical Research	1,500	1,500
	<u>£ 192,073</u>	<u>£ 225,805</u>
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; Investigations on Pasture Cockchafer, and Investigations on Lerps in Farm Shade Trees	19,453	25,000
Wool Research Fellowship	255	—
Grant for Research into Barley	12,916	12,520
Grant for Research on Economic Importance of Pea Diseases in South Australia	842	500
Grants for Deciduous Tree Fruit Research	1,551	950
Grant towards Cost of Electron Microscope	—	11,500
Grant to Assist Development of the Postgraduate School of Plant Pathology	2,657	2,000
Grant for Installation of Controlled Environment Cabinet and Microscopes	262	2,288
Grant for Gibberellin Testing on Grapes	28	—
Grant for Research on the Ecology and Physiology of Animals which Live in Dry Country	1,825	2,000
Grant-to-aid Research in the Field of Beekeeping	100	—
Grant for Wheat Improvement Research	30,387	27,825
Grant for Wheat Improvement Research	8,585	7,600
Grant towards Quarantine Investigations	3,139	2,500
Grant for Project: "Biochemistry of Tomato Spotted Wilt Virus"	8,789	4,000
Postgraduate Scholarship	993	—
Grants for Research	2,933	7,975
Grant for Sirex Wasp Research	7,098	3,750
Studentship	2,066	1,700
Grant for "Studies of the Seasonal Availability of Sulphur in some South-East Soils; Incubation Studies on Soils with Varying History of Fertiliser Use"	158	1,310
Grant for Postgraduate Work in Nematology	—	750
	<u>£ 104,037</u>	<u>£ 114,168</u>
Grant for Project: "The Preparation of Plasma for Magnetic Pumping Experiments"	—	<u>£ 3,040</u>
SUMMARY		
NORTH TERRACE	£ 192,073	£ 225,805
WAITE INSTITUTE	104,037	114,168
BEDFORD PARK	—	3,040
Total Grants from Outside Sources	<u>£ 296,110</u>	<u>£ 343,013</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME	£
ANTI-CANCER COMMITTEE—	
Annual Grant from H.M. Government of South Australia	6,000
Income from Neale Endowment	1,000
Income from R. F. Mortlock Endowment	247
Income from E. F. Hern Endowment	46
Income from C. V. Crocombe Endowment	149
Income from R. T. Melrose Endowment	92
Income from J. Grinberg Endowment	4
Income from H. L. Heuzenroeder Endowment	114
Income from Hoare Estate	408
Income from M. August Endowment	73
Income from Emma Jeffress Endowment	244
Income from Ruby Chambers Endowment	20
Income from O. E. Braund Endowment	189
Income from E. Mills Endowment	119
Income from Isobel Young Endowment	90
E. H. Colbey Bequest	9
Dorothy Emily Basey Bequest	3
Income from Lord Mayor's Fund	669
Income from Sundry Endowments	130
Linear Accelerator Treatment Fees	2,204
Donations	1,233
Radon Department Income	535
Deficit, 1963	14,744
	£ 28,322
 UNION FEES—	
Fees Received for the year 1963	61,130
	£ 61,130
 ADULT EDUCATION—	
Allocation by University	20,500
Fees: Tutorial Classes	6,575
Schools and Special Courses	7,689
Sundry Receipts	25
	£ 34,789
 EDWARD NEALE TRUST FUND—	
Income for the year 1963	£ 1,000

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1963

EXPENDITURE

	£
ANTI-CANCER COMMITTEE—	
Salaries	13,959
Payroll Tax and Insurance	323
Radon Expenses	87
Library	336
Equipment	871
Sundries	1,142
Patients' Transport	56
Grant to Department of Organic Chemistry—Equipment and Maintenance	2,996
Linear Accelerator Maintenance	397
Grant to Department of Biochemistry—Equipment and Maintenance	4,657
Grant to Department of Obstetrics—Equipment and Maintenance	1,065
Grant to Department of Physical Chemistry—Equipment and Maintenance	1,688
Grant to Department of Surgery—Equipment and Maintenance	95
Subscription to Anti-Cancer Society	500
Grant to I.M.V.S.	150
	<u>£ 28,322</u>
UNION FEES—	
Paid to Union Council	60,555
Refunded to Students	575
	<u>£ 61,130</u>
ADULT EDUCATION—	
Administrative Salaries	13,510
Honoraria—Tutors and Lecturers	10,062
Payroll Tax and Insurance	340
Tutors' Travelling Expenses	465
Travelling Expenses—Staff	95
Printing and Programmes	699
Advertising	326
Library	394
Administrative Expenses	779
Schools and Special Programmes Expenses	6,479
Motor Vehicles Expense Account	583
Depreciation of Motor Vehicles	130
Miscellaneous Expenditure	341
Travelling Expenses—New Appointments	322
Equipment	264
	<u>£ 34,789</u>
EDWARD NEALE TRUST FUND—	
Transferred to Anti-Cancer Fund	<u>£ 1,000</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME		£
MEDICAL RESEARCH COMMITTEE—		
N.H.M.R.C. Grant		1,500
Sheridan Income Account		14,744
Sewell Myer Income Account		1,075
G. M. Dowling Income Account		2,957
J. T. Mortlock Income Account		1,470
Jean B. Reid Income Account		3,241
Sundry Income		2
		£ 24,989
PUBLIC EXAMINATIONS BOARD—		
<i>Financial Statement for the period 1st January, 1963, to 31st March, 1963—</i>		
Fees received to 31/3/63		3,504
Sundry Income		439
Deficit Transferred to Capital Account		38,268
		£ 42,211
<i>Capital Account—Accumulated Credit Balance at 1/1/63</i>		13,744
<i>Accumulated Debit Balance at 31/3/63</i>		24,524
		£ 38,268
PUBLIC EXAMINATIONS BOARD—		
<i>Financial Statement for the Year 1st April, 1963, to 31st March, 1964—</i>		
Fees Received		63,225
Sundry Income		2,601
Deficit for Period 1/4/63 to 31/3/64		25,533
		£ 91,359
<i>Capital Account—Accumulated Debit Balance at 31/3/64</i>		50,057
		£ 50,057

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1963

EXPENDITURE

	£
MEDICAL RESEARCH COMMITTEE—	
Salaries, Payroll Tax and Insurance	12,607
Departmental Expenditure:	
Physiology	2,468
Pathology	456
Dentistry	637
Medicine	1,932
Biochemistry	488
Anatomy	2,429
Obstetrics	1,281
Obstetrics and Dentistry	10
Microbiology	903
Child Health	232
Surgery	1,346
Grant to Australian Journal of Experimental Biology and Medical Science	200
	<u>£ 24,989</u>

PUBLIC EXAMINATIONS BOARD—

Financial Statement for the period 1st January, 1963, to 31st March, 1963—

Salaries	4,154
Examiners, Supervisors and Local Secretaries	36,045
Printing and Stationery	1,192
Furniture and Equipment	35
Postages and Petty Cash	136
Examination Expenses	76
Sundries	223
Administration Charges	350
	<u>£ 42,211</u>

Capital Account—Deficit, January 1st to March 31st, 1963 38,268

£ 38,268

PUBLIC EXAMINATIONS BOARD—

Financial Statement for the Year 1st April, 1963, to 31st March, 1964—

Salaries	16,925
Examiners, Supervisors and Local Secretaries	38,997
Printing and Stationery	14,449
Sundry Examination Expenses	660
Postages and Petty Cash	1,115
Sundries	2,432
Administration Charges	6,323
Furniture and Equipment	476
Alterations to Elizabeth House	3,070
Hire of Halls	198
Recordings	1,636
Rent—Elizabeth House	4,568
Cleaning—Elizabeth House	510
	<u>£ 91,359</u>

Capital Account—Accumulated Debit Balance brought forward from 31/3/63 24,524
Add Deficit—Year April, 1963, to March, 1964 25,533

£ 50,057

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME		£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—		
Fees Received for Year 1963	.....	9,769
		£9,769
 PHARMACY—		
Reimbursement of Salaries and Laboratory Expenses by Pharmaceutical Society of South Australia	.....	7,568
Reimbursement Due by Pharmaceutical Society of South Australia	.....	4,005
Pharmacy Fees	.....	286
		£11,859
 HOSPITAL FEES—		
Fees—Medicine	.....	11,729
Dentistry	.....	528
		£12,257

We report that we have duly audited the above statement relating to the Income and Expenditure of the Separate Accounts of the University of Adelaide in respect of Adelaide, 10th April, 1964.

OF ADELAIDE
ACCOUNTS FOR THE YEAR 1963

EXPENDITURE

	£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Clerical Expenses	200
Printing and Stationery	183
Sundries	428
Examiners and Supervisors	2,839
Examiners and Supervisors' Travelling Expenses	540
Organist	50
A.M.E.B. Adjustments	182
Administration Charges	977
Postages	132
Surplus, 1963 (Transferred to Accumulated Fund)	4,238
	<u>£ 9,769</u>

PHARMACY—

Salaries	8,226
Printing and Stationery	95
Advertising	—
Laboratory Maintenance	2,098
Equipment	1,154
Transferred to University Income and Expenditure Account (Fees)	286
	<u>£ 11,859</u>

HOSPITAL FEES—

Royal Adelaide Hospital—Honorary Staff	3,536
Director-General of Medical Services	1,596
Queen Victoria Maternity Hospital—Honorary Staff	169
Queen Victoria Maternity Hospital	1,532
Queen Elizabeth Hospital—Honorary Staff	1,741
Queen Elizabeth Hospital	2,192
Adelaide Children's Hospital—Honorary Staff	675
Adelaide Children's Hospital	288
Dental Hospital	528
	<u>£ 12,257</u>

the year which ended on the 31st December, 1963, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

ANNELLS HUNWICK & CO., Chartered Accountants,
STEELE & CALDER, Chartered Accountants.

3. Doctorates:

Notes to candidates for the degree of Doctor of Philosophy	613
Doctor of Philosophy	616
Doctor of Letters	620
Doctor of Science	621
Doctor of Laws	622
Doctor of Medicine	623
Doctor of Dental Science	625
Doctor of Music	626

4. Diplomas:

Education	627
Associate in Arts and Education	631
Fellowship of the Elder Conservatorium of Music	633
Associate in Music	634
Public Administration	638
Pharmacy	640
Physical Education	642
Social Studies	644
Physiotherapy	647

5. Table of Fees - - - - - 649

6. Rules:

The University Library	661
Laboratories	665
Napier Birks Room	667
Conduct of Examinations	668

1. REGULATIONS AND SCHEDULES FOR BACHELOR DEGREES

NOTE: The numbers in brackets after the subjects refer to the syllabuses in Part V of the Calendar.

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 (3), and III (6);
Latin I (11), II (13), and III (16);
Ancient History (2);
Comparative Philology (7);
French I (31), II (33), and III (36);
German IA (42), I (41), II (43), and III (46);
English I (21), II (23), and III (26);
History IA (50), IB (51), IC (52), IIA (53), IIB (54),
IIIA (56), and IIIB (57);
Politics I (61), IIA (63), IIB (64), IIIA (66), and IIIB (67);
Economics I (171), II (173), and III (176);
Social Economics (170);
Geography I (91), II (93), and III (96);
Economic Geography (92);
Philosophy I (71), II (73), IIIA (76), and IIIB (77);
Psychology IA (82), I (81), IIA (83), IIB (84), IIIA (86),
and IIIB (87);
Education (101);
General Mathematics (201), Mathematics I (202), and II
(203), Pure Mathematics II (204), and III (206);
Mathematical Statistics I (214), and Mathematical Statistics
II (216);
Music I (750 and 755), II (756 and 795), and III (757 and
798).

Science Subjects:

Applied Mathematics II (205), and III (207);
General Physics (221), Physics I (222), and II (223);
Chemistry I (231), Chemistry II (244), Physical and In-
organic Chemistry II (233), and Organic Chemistry II
(243);
Botany I (261), and II (263);
Zoology I (271), and II (273);
Geology I (251), and II (253);
Biology (270);
Genetics I (293).

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.

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 (144).

* Amended 15th January and 28th July, 1959, and 17th December, 1959, and
4th April, 1963.

*3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (9),
- (b) Latin (19),
- (c) English Language and Literature (29),
- (d) French Language and Literature (39),
- (e) History (59),
- (f) Economics (179),
- (g) Geography (99),
- (h) Philosophy (79),
- (i) Mathematics (209),
- (j) German Language and Literature (49),
- (k) Politics (69),
- (l) Psychology (89),

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. Except as provided for in the schedule defining the combined course for the degrees of Bachelor of Arts and Bachelor of Laws, a candidate for the Ordinary degree shall attend lectures regularly and pass examinations in ten of the courses set out in Regulation 2; the ten courses required for the degree shall comply with the prescriptions laid down in the schedules.

5. Schedules defining the range of study and the examinations to be passed by candidates for either the Honours degree or the Ordinary degree shall be drawn up from time to time by the Faculty and submitted to and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

*Amended 11th November, 1954, 25th August, 1955, 22nd December, 1955, 9th January, 1958, and 28th July, 1959.

† Allowed 4th October, 1962.

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.

‡13. (a) A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Arts and to count towards that degree subjects which he has already presented for another degree may do so subject to the following conditions:—(i) He may present not more than four such subjects; (ii) he shall present a range of subjects which fulfils the requirements of the relevant Schedule made under Regulation 5; and (iii) he shall not present as a third-course subject required for the degree of Bachelor of Arts a subject which he has presented for another degree.

(b) A candidate who holds a diploma may be granted such status in the course for the degree of Bachelor of Arts as the Faculty shall in each case determine; provided that if status be granted for more than four subjects the candidate shall, except as provided for in section (c)

* Allowed 20th December, 1956; amended 15th January, 1959.

† Allowed 16th March, 1961.

of this Regulation, surrender his diploma before being admitted to the degree.

(c) A matriculated student who was enrolled for the Diploma in Social Studies before June 30, 1962, may until June 30, 1967, present for the degree of Bachelor of Arts more than four subjects which he has presented for the diploma without surrendering his diploma before being admitted to the degree.

14. No graduate who has obtained the Honours degree of Bachelor of Science in the School of Mathematics may obtain the Honours degree of Bachelor of Arts in that school, 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.

†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.

† Allowed 18th October, 1956.

† Allowed 12th September, 1963.

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: 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 passing in a course in English.

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;
 Five other courses approved by the Professor of History, which must ordinarily include a second third-year 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.
- (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 unless Course I in a language other than English is offered as one of the elective courses.
- (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 may present a second-year course in a science subject from Regulation 2 in lieu of Course III in this subject;
 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.
- (h) For the Honours degree in Philosophy:
 Philosophy I, II, IIIA;
 Five additional courses including one second-year course and one third-year 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.
- (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 Language and Literature:
 - German IA *or* I, II and III;
 - German IIB and IIIB;
 - 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 unless Course I in a language other than English is offered as one of the elective courses.
- (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.

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 <i>or</i> I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A <i>or</i> B <i>or</i> C)	→ History II (A <i>or</i> B)	→ History III (A <i>or</i> B) → Politics IIIB
7. Politics I	→ Politics II (A <i>or</i> B)	→ Politics III (A <i>or</i> B)
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy II	→ Philosophy III (A <i>or</i> B)
11. Psychology I	→ Psychology IIA <i>or</i> IIB	→ Psychology IIIA <i>or</i> IIIB
12. Mathematics I	→ Pure Mathematics II → Mathematical Statistics I	→ Pure Mathematics III → Mathematical Statistics II
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
<i>or</i> Economics I | → History IIB | → History III (A <i>or</i> 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.

**SCHEDULE III: COMBINED COURSE FOR THE DEGREES
OF BACHELOR OF ARTS AND BACHELOR OF LAWS**

1. A candidate may take a combined course for the degrees of Bachelor of Arts and Bachelor of Laws. Provided that he has qualified for the degree of Bachelor of Laws but is not awarded that degree until he has completed also the requirements of the degree of Bachelor of Arts, he may qualify for the degree of Bachelor of Arts by passing in at least seven subjects (inclusive of the two that he presents for the degree of Bachelor of Laws) from those listed in Regulation 2.

2. The seven Arts subjects shall include—

- (a) at least one course in a language other than English;
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) two of the approved sequences of three courses set out in Schedule II, *provided* that History I (A or B or C) and History III (A or B), or Politics I and Politics III (A or B), may for this purpose count in lieu of either sequence 6 or 7 respectively, but not both.

3. A candidate who has been awarded the degree of Bachelor of Laws may qualify for the degree of Bachelor of Arts by complying with Schedule II, *provided* that he shall be required to present eight courses only (inclusive of the two that he has presented for the degree of Bachelor of Laws), and provided also that History I (A or B or C) and History III (A or B), or Politics I and Politics III (A or B), may count in lieu of either sequence 6 or 7 respectively, but not both.

SCHEDULE IV: 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 | £24 0 0 |
| (2) For a special examination in any course | 8 0 0 |
| (3) For an annual examination with exemption from attendance or re-attendance at lectures | 12 0 0 |
| (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 German IIB and IIIB | 24 0 0 |
| (3) For Honours Mathematics III | 48 0 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 Language and Literature, Psychology,	each	-	-	-	-	-	-	-	96	0	0
---	------	---	---	---	---	---	---	---	----	---	---

- (5) For the examination in a language other than English approved by the Faculty - - - 6 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 statement on page 649.

**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 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.

† Allowed 22nd December, 1955.

*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 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. A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Economics 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 Schedules made under Regulation 16 below, and (ii) includes two third-year subjects not presented for any other degree.

A candidate who holds a Diploma 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.

* Allowed 20th December, 1956.

† Amended 4th October, 1962, and 4th April, 1963.

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;
Mathematics (Economics);
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* Mathematics (Economics);
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 Geography *or* Mathematics (Economics);
Elements of Accounting;
Economic Statistics I;
Economic Development I;
Economic Development II *or* Economic Statistics II (*or* in special cases, by approval of the Dean, another subject);

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; and
- (iii) a student who has already passed in General Mathematics or Mathematics I may be granted status in Mathematics (Economics).

A student who has passed Leaving Honours Mathematics I and II and who intends to proceed to further courses in Mathematics is advised to take Mathematics I rather than General Mathematics or Mathematics (Economics).

3. A graduate in another Faculty 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, Financial Accounting, and Management Accounting;*

Under Scheme B: from the "three subjects".

4. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

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.

6. A candidate who has presented himself for the annual examinations in any subject may, at the discretion of the examiners, be required subsequently to present himself for an additional examination, which may be either oral or written; and his results at such an additional examination shall be taken into account in determining his results at the annual examination.

* It is intended that exemption from Management Accounting will be granted only to candidates who have been granted status in Elements of Accounting on the basis of a pass in Engineering Management. Such candidates will be required to pass in Financial Accounting.

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* Mathematics (Economics);
 - 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;
- (iii) a student who has already passed in General Mathematics or Mathematics I may be granted status in Mathematics (Economics).

A student who has passed in Leaving Honours Mathematics I and II and who intends to proceed to further courses in Mathematics is advised to take Mathematics I rather than General Mathematics or Mathematics (Economics).

- (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.

4. A candidate who has presented himself for the annual examinations in any subject may, at the discretion of the examiners, be required subsequently to present himself for an additional examination, which may be either oral or written; and his results at such an additional examination shall be taken into account in determining his results at the annual examination.

** 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 - - - - - £24 0 0
- (3) For a special examination in any subject - 8 0 0
- (4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - - 12 0 0

B. For the Honours work and final Honours examination in Economics - - - - - 96 0 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. A candidate with a lower division pass who wishes to gain a higher division pass shall be allowed to repeat the subject once only.

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.

† Amended 4th October, 1962.

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 (222), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (270).

Group B: Mathematics II (203)*, Pure Mathematics II (204), Applied Mathematics II (205), Mathematical Statistics I (214), Physics II (223), Chemistry II (244), Physical and Inorganic Chemistry II (233), Organic Chemistry II (243), Geology II (253), Botany II (263), Zoology II (273), Cell Physiology (284), Physiology I (333), Genetics I (293), Psychology I (S) (313).

Group C: Pure Mathematics III (206), Applied Mathematics III (207), Mathematical Statistics II (216), Physics III (226), Physics IIIH (228), Mathematical Physics A (217), Mathematical Physics B (218), Physical and Inorganic Chemistry III (237), Organic Chemistry III (246), Geology III (256), Botany III (266), Genetics II (296), Zoology III (276), Microbiology (306), Biochemistry (286), Physiology II (336), Histology (326), Psychology II (S) (316).

Group D: Honours Mathematics III (208), Soil Science IA (355), Agricultural Economics (180), Palaeontology (257), Agriculture I (361), Botany IIA (264), Geography IIC (94).

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, Cell Physiology;
Physics III and Physics IIIH;
Mathematical Physics A and Mathematical Physics B;
Mathematical Physics A and Applied Mathematics III;
Mathematical Physics B and Physics III or IIIH.

* Not available in 1964.

- (c) 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, Geography IIC in the Faculty of Arts, and 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, and the plant physiology, plant geography and plant ecology sections of Botany II.
- (d) A candidate may present Honours Mathematics III 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 subsequently had twelve month's experience, not necessarily consecutive, in work appropriate to his course in Forestry: provided that any Forestry experience gained in the vacations during his course of studies at the University or at the Australian Forestry School may be counted as part of the twelve months.

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
 Psychology (from 1965).

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

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, Mathematical Statistics I, Mathematical Statistics II and Mathematical Physics A, each - -	£24 0 0	
2. Honours Mathematics III - - -	48 0 0	
3. General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology, each - - - - -	24 0 0	£6 0 0

4. Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Cell Physiology, Botany II, Geology II, Zoology II, Physiology I, Genetics I and Psychology I (S), each - - -	24	0	0	12	0	0
5. Physics III, Physics IIIH, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry, Geology III, Botany III, Zoology III, Microbiology, Physiology II, Genetics II, Histology, and Psychology II (S), each - - - - -	24	0	0	30	0	0
6. Special Subjects:						
Agricultural Economics - - - - -	£24	0	0			
Soil Science IA - - - - -	24	0	0	£12	0	0
Palaeontology - - - - -	24	0	0	12	0	0
Botany IIA - - - - -	24	0	0	24	0	0
A composite subject in lieu of a subject from Group C (inclusive fee) - - -	54	0	0			
Science German (for candidates other than Honours students) - - - -	6	0	0			
B. For the Honours Degree:						
For the final-year Honours work and the final examination in any subject - -	96	0	0			

Note: The foregoing amount, which does not include the fees for pass work, is 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) - - -	8	0	0
---	---	---	---

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 649.

2. The fees for the work at the Australian Forestry School are not included in this schedule.

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

‡Amended 15th January, 1959.

† Amended 16th December, 1948.

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

*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.

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 (367);
 Chemistry II (244);
 Geology I (251);
 Genetics IA (393);

(b) Third Year:

Agriculture II (362);
 Agricultural Botany (360);
 Biometry (390);
 Soil Science I (354);
 Agricultural Biochemistry I (351);
 Entomology I (374);
 Plant Pathology I (381);
 Agricultural Microbiology (380).

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 (365);
 Farm Engineering (391).

(c) Fourth Year:

Agriculture III (363);
 Agricultural Economics (180);
 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 (364);
 Animal Husbandry II (366);
 Genetics II (296);
 Plant Breeding (368);
 Soil Science II (356);
 Agricultural Biochemistry II (353);
 Horticulture (394);
 Plant Pathology II (382);
 Entomology II (376).

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 required 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	-	-	-	-	-	-	£108	0	0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject	-	-	-	-	-	-	8	0	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	-	-	-	-	-	-	96	0	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. See separate statement on page 649.

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) 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.

*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.

† Allowed 9th January, 1958.

‡ Amended 8th December, 1949 and 15th January, 1959, and 4th April, 1963.

* Amended 8th December, 1949.

** Allowed 20th December, 1956.

‡(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.

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.

‡ Allowed 22nd December, 1955.

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) Chemical Engineering;
- (iii) Electrical Engineering;
- (iv) Mechanical Engineering;
- (v) Civil Engineering.

*14. (a) The Honours degree shall be taken in the final year of either the four or five year course. Candidates wishing to take the Honours degree must apply to the Faculty of Engineering for permission to do so on or before March 1st of the year in which they intend to take the course.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) Candidates for the Honours degree shall in the final year of their course complete the full course set out for the Ordinary degree and shall in addition take further lectures at an advanced level. Candidates shall also satisfactorily complete a laboratory project which will normally extend to the March of the year following that in which they undertake Honours work.

(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 the following classes under each Department: First Class, Second Class Division A, Second Class Division B. 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 11th November, 1954.

† Amended 4th April, 1963.

‡ Amended 4th October, 1962.

†† Allowed 9th January, 1958.

Allowed 11th December, 1947.

**DETAILS OF COURSES AND SCHEDULES PRESCRIBED
UNDER REGULATION 2 OF THE DEGREE OF BACHELOR
OF ENGINEERING**

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) and 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 status 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.

NOTES—1. The subjects to be taken in the first and second years of the Civil, Electrical, Mechanical and Mining Engineering Courses are the same.

2. 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.

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.	
201	General Mathematics	Lectures	3	24 0 0
		Tutorial	2	
221	General Physics	Lectures	3	24 0 0
		Practical	3	
232	Chemistry IA	Lectures	2	16 0 0
		Practical	3	
420	General Engineering	Lectures	1	—
966	°Workshop Practice	Lectures	1	
		Practical	3	
				} 12 15 0

SECOND YEAR

Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.
406	Mechanics	Lectures	2	24	0	0
		Tutorial	1			
219	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorial	2			
411	Physics A (Engineering)	Lectures	3	24	0	0
		Practical	3	6	0	0
471	Graphics	Lectures	1	8	0	0
		Practical	3	6	0	0
986	°Engineering Materials	Lectures	2	}	12	15 0
		Practical	2			
and, in addition, if not taken in the First Year,						
420	General Engineering	Lectures	1			
966	°Workshop Practice	Lectures	1	}	12	15 0
		Practical	3			

THIRD YEAR

407	Mathematics II (Engineering)	Lectures	3	24	0	0
		Tutorial	1			
414	Geology I (Engineering)	Lectures	2	24	0	0
		Practical	2	6	0	0
432	Strength of Materials	Lectures	2	16	0	0
		Practical	3	6	0	0
440	Electrical Engineering S	Lectures	2	16	0	0
		Practical	3	6	0	0
472	Engineering Drawing and Design	Lectures	1	8	0	0
		Practical	3	6	0	0
433	Surveying A	Lectures	1	8	0	0
		Practical	3	6	0	0
435	Survey Camp (First)			6	0	0

° Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

FOURTH YEAR

421	Civil Engineering I	Lectures	3	24	0	0
		Practical	6	9	0	0
426	Hydraulics A	Lectures	2	16	0	0
		Practical	3	6	0	0
430	Instrumentation	Lectures	1	8	0	0
		Practical	3	6	0	0
466	Mechanical Engineering S (C)					
	Machine Design	Lectures	2 ^a	12	0	0
		Practical	3 ^a	4	0	0
	Theory of Machines	Lectures	1 ^a	6	0	0
		Practical	3 ^a	2	0	0
408	<i>Either</i> Mathematics III (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
404	<i>Or</i> Economics (Engineering)	Lectures	2	24	0	0
		Tutorial	1			

FIFTH YEAR

423	Civil Engineering IIA	Lectures	3, 1 ^a	30	0	0
		Practical	6	9	0	0
424	Civil Engineering IIB	Lectures	2	16	0	0
		Practical	8	12	0	0
425	Civil Engineering IIC			16	0	0
	Project and Report		150 hrs. total			
436	Survey Camp (Second)			12	0	0

6. ELECTRICAL ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee		
			£	s.	d.
407	Mathematics II (Engineering)	Lectures	3	24	0 0
		Tutorial	1		
432	Strength of Materials	Lectures	2	16	0 0
		Practical	3	6	0 0
441	Electrical Engineering I	Lectures	4	32	0 0
		Practical	6	9	0 0
		Tutorial	2		
472	Engineering Drawing and Design	Lectures	1	8	0 0
		Practical	3	6	0 0
433	Surveying A	Lectures	1	8	0 0
		Practical	3	6	0 0
435	Survey Camp (First)			6	0 0

FOURTH YEAR

428	Hydraulics S	Lectures	1	8	0 0
		Practical	3 ¹	2	0 0
467	Mechanical Engineering S (E) Theory of Machines Thermodynamics	Lectures	1 ²	6	0 0
		Practical	3 ¹	2	0 0
		Lectures	1 ²	6	0 0
		Practical	3 ¹	2	0 0
442	Electrical Engineering II	Lectures	4	32	0 0
		Practical	7	12	0 0
404	Economics (Engineering)	Lectures	1	24	0 0
		Tutorial	2		
408	<i>Either</i> Mathematics III (Engineering)	Lectures	2	24	0 0
		Tutorial	1		
422	<i>Or</i> Civil Engineering S	Lectures	2	16	0 0
		Practical	3	6	0 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 in engineering science. Students must first be accepted by the Faculty before entering for such a course.)

FIFTH YEAR

443	Electrical Engineering IIIA	Lectures	4	32	0 0
		Practical	7	12	0 0
444	Electrical Engineering IIIB— <i>Either</i> Electrical Power	Lectures	2	16	0 0
		Practical	4	8	0 0
<i>Or</i>	Electronics and Communications	Lectures	2	16	0 0
		Practical	4	8	0 0
445	Electrical Engineering IIIC— Project and Report		150 hrs. total	16	0 0
477	Engineering Management	Lectures	3	24	0 0

A candidate who has qualified for the degree of Bachelor of Science, with majors in Physics and Applied Mathematics, and who, in addition, has passed in the subjects Workshop Practice (966) and Graphics (471) may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subjects:

FIFTH YEAR

447	Electrical Engineering A	Lectures	4	32	0 0
		Practical	6	9	0 0
432	Strength of Materials	Lectures	2	16	0 0
		Practical	3	6	0 0
472	Engineering Drawing and Design	Lectures	1	8	0 0
		Practical	3	6	0 0
477	Engineering Management	Lectures	3	24	0 0

SIXTH YEAR

Subject No. in Syllabus	Subject	Hours a Week	£	s.	d.
448	Electrical Engineering B— Part A Electrical Engineering Theory	Lectures 6	48	0	0
	Part B <i>Either</i> : Electrical Power or: Electronics and Communications	Tutorial 9	12	0	0
		Practical 9	12	0	0
461	Mechanical Engineering IA	Lectures 3 ² , 2 ¹	24	0	0
		Practical 6 ¹ , 3 ²	8	0	0

NOTE.—Before entering upon Electrical Engineering A, students will be obliged to spend a fortnight in the laboratory carrying out selected practical experiments from Electrical Engineering I and undertake prescribed reading.

Electrical Engineering A— Parts of Electrical Engineering I and II Electrical Engineering B— Parts of Electrical Engineering II and III	as prescribed by the Head of the Department.
--	-------	--

7. MECHANICAL ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

407	Mathematics II (Engineering)	Lectures 3	24	0	0
		Tutorial 1			
432	Strength of Materials	Lectures 2	16	0	0
		Practical 3	6	0	0
440	Electrical Engineering S	Lectures 2	16	0	0
		Practical 3	6	0	0
472	Engineering Drawing and Design	Lectures 1	8	0	0
		Practical 3	6	0	0
475	Production Technology	Lectures 1	8	0	0
		Practical 3	6	0	0
433	Surveying A	Lectures 1	8	0	0
		Practical 3	6	0	0
435	Survey Camp (First)		6	0	0

FOURTH YEAR

422	Civil Engineering S	Lectures 2	16	0	0
		Practical 3	6	0	0
461	Mechanical Engineering IA	Lectures 3 ² , 2 ¹	24	0	0
		Practical 3 ² , 6 ¹	8	0	0
462	Mechanical Engineering IB	Lectures 2	16	0	0
		Practical 3	6	0	0
446	Electronics	Lectures 1	8	0	0
		Practical 3 ²	4	0	0
408	<i>Either</i> Mathematics III (Engineering)	Lectures 2	24	0	0
		Tutorial 1			
404	<i>Or</i> Economics (Engineering)	Lectures 2	24	0	0
		Tutorial 1			

FIFTH YEAR

463	Mechanical Engineering IIA	Lectures 6 ¹ , 4 ¹	30	0	0
		Practical 6 ²	8	0	0
464	Mechanical Engineering IIB	Lectures 2 ¹ , 3 ²	24	0	0
		Practical 9 ¹ , 6 ²	12	0	0
465	Mechanical Engineering IIC: Project and Report	150 hrs. total	16	0	0
477	Engineering Management	Lectures 3	24	0	0

8. MINING ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

251	Geology I	Lectures 2	24	0	0
		Practical 3	6	0	0
432	Strength of Materials	Tutorial 1			
		Lectures 2	16	0	0
433	Surveying A	Practical 3	6	0	0
		Lectures 1	8	0	0
435	Survey Camp (First)	Practical 3	6	0	0
			6	0	0
440	Electrical Engineering S	Lectures 2	16	0	0
		Practical 3	6	0	0
472	Engineering Drawing and Design	Lectures 1	8	0	0
		Practical 3	6	0	0
	Mining Trip (see Clause 11 (c))				

		FOURTH YEAR		Hours	Fee		
Subject No. in Syllabus	Subject			a Week	£	s.	d.
415	Geology IIA	Lectures	.....	3 ²	16	0	0
		Practical	.....	6 ²	8	0	0
416	Mining Geology	Lectures	.....	2 ¹	6	0	0
		Practical	.....	6 ¹	4	0	0
422	Civil Engineering S	Lectures	.....	2	16	0	0
		Practical	.....	3	6	0	0
427	Hydraulics B	Lectures	.....	1	8	0	0
		Practical	.....	3 ¹	2	0	0
466	Mechanical Engineering S (C) Machine Design	Lectures	.....	2 ²	12	0	0
		Practical	.....	3 ²	4	0	0
		Lectures	.....	1 ²	6	0	0
		Practical	.....	3 ¹	2	0	0
450	Mining Engineering I	Lectures	.....	2	16	0	0
		Practical	.....	3	6	0	0
Mining Trip (see Clause 11 (c))							
FIFTH YEAR							
452	*Ore Dressing	Lectures	.....	1	}	9	15 0
		Practical	.....	3 ¹			
451	Mining Engineering II	Lectures	.....	3	}	24	0 0
		Practical	.....	12			
480	Extractive Metallurgy (Mining)	Lectures	.....	1 ²	}	6	0 0
495	*Assaying	Practical	3				12	0 0

9. CHEMICAL ENGINEERING COURSE.

		FIRST YEAR		Hours	Fee		
Subject No. in Syllabus	Subject			a Week	£	s.	d.
201	General Mathematics	Lectures	.....	3	}	24	0 0
		Tutorial	.....	2			
221	General Physics	Lectures	.....	3	}	24	0 0
		Practical	.....	3			
232	Chemistry IA	Lectures	.....	2	}	16	0 0
		Practical	.....	3			
471	Graphics	Lectures	.....	1	}	8	0 0
		Practical	.....	3			
420	General Engineering	Lectures	.....	1	}	6	0 0
SECOND YEAR							
213	Mathematics I (Engineering)	Lectures	.....	3	}	24	0 0
		Tutorial	.....	2			
411	Physics A (Engineering)	Lectures	.....	3	}	24	0 0
		Practical	.....	3			
234	Chemistry IIA	Lectures	.....	3	}	24	0 0
		Practical	.....	6			
471	Graphics	Lectures	.....	1	}	8	0 0
		Practical	.....	3			
420	General Engineering	Lectures	.....	1	}	6	0 0
THIRD YEAR							
406	Mechanics	Lectures	.....	2	}	24	0 0
		Practical	.....	1			
407	Mathematics II (Engineering)	Lectures	.....	3	}	24	0 0
		Tutorial	.....	1			
412	Chemistry IIB	Lectures	.....	1	}	8	0 0
		Practical	.....	3			
432	Strength of Materials	Lectures	.....	2	}	16	0 0
		Practical	.....	3			
472	Engineering Drawing and Design	Lectures	.....	1	}	8	0 0
		Practical	.....	3			
481	Process Engineering I	Lectures	.....	1	}	6	0 0
		Practical	.....	3			
986	*Engineering Materials	Lectures	.....	2	}	8	0 0
		Practical	.....	2			
FOURTH YEAR							
440	Electrical Engineering S	Lectures	.....	2	}	16	0 0
		Practical	.....	3			
468	Mechanical Engineering S (Ch) Machine Design	Lectures	.....	2 ²	}	12	0 0
		Practical	.....	3 ²			
483	Process Engineering IIA— Unit Operations I	Lectures	.....	2	}	12	0 0
		Tutorial	.....	2			
		Practical	.....	3			
484	Process Engineering IIB— Unit Processes I	Lectures	.....	2	}	16	0 0
		Tutorial	.....	1			
		Practical	.....	3			
485	Process Engineering IIC— Thermodynamics	Lectures	.....	2	}	16	0 0
		Tutorial	.....	1			
		Practical	.....	3			
486	*Process Engineering IID Process Control	Lectures	.....	1	}	13	10 0
		Tutorial	.....	1			
		Practical	.....	3			

* Lectures and Practical Work in these subjects are at present given wholly or partly at the S.A. Institute of Technology.

		FIFTH YEAR †					
Subject No. in Syllabus	Subject		Hours a Week	Fee	£	s.	d.
491	Process Engineering IIIA— Unit Operations II	Lectures	4	32	0	0	
		Tutorial	3				
		Practical	5				
492	Process Engineering IIIB— Unit Processes II	Lectures	2	16	0	0	
		Tutorial	2				
		Practical	3				
493	Process Engineering IIIC— Industrial Economics	Seminar	2	2	0	0	
494	Process Engineering IIID— Plant Design	Practical	250 hrs. total	32	0	0	

* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

† The Fifth Year of the Chemical Engineering Course will consist of two parts:

- (a) Twenty weeks of lectures, tutorials and practical work in Process Engineering IIIA, IIIB, IIIC and IIIE;
 (b) Six weeks of full-time work devoted to a Plant Design project—Process Engineering IIID;

Between these two parts of the course there will be a gap of four weeks, during which examinations in Process Engineering IIIA, IIIB, IIIC and IIIE will be held.

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) Chemical Engineering: The compulsory practical experience approved for a 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.
- (e) Before being admitted to the degree of Bachelor of Engineering a candidate shall submit satisfactory evidence that he has passed in an examination in First Aid approved by the Faculty.*

12. HONOURS DEGREE IN ENGINEERING.

A candidate for the Honours Degree in Mining, Chemical, Electrical, Mechanical or Civil Engineering under Regulation 14 and Syllabus Nos. 439, 449, 459, 479 and 489 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	-	-	-	£24	0	0
Laboratory Project—250 hours total	-	-	-	12	0	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 for 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 £8.
- (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 649.

• The examination in First Aid of the St. John Ambulance Association has been approved for this purpose.

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 (570);
- (ii) Constitutional Law I (571);
- (iii) Criminal Law and Procedure (572);
- (iv) The Law of Contract (574);
- (v) The Law of Torts (575);
- (vi) The Law of Property (576);
- (vii) Constitutional Law II (577);
- (viii) Jurisprudence (580);
- (ix) Roman Law (581) *or* International Law (582);
- (x) Legal History (583);
- (xi) Equity (584);
- (xii) Mercantile Law I (585);
- (xiii) Private International Law (590) *or* Family Law (591);
- (xiv) Mercantile Law II (592) *or* Administrative, Local Government and Industrial Law (593);
- (xv) The Law of Evidence and Procedure (594);

(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 (595).

(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 (598) 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

* Allowed 17th December, 1959.

‡ Allowed 17th December, 1956; amended 16th March, 1961.

- (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 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 I,
- (ix) Family Law,
- (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. A candidate shall not be admitted to a 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. A candidate shall not enrol for the course of lectures in Legal Ethics and Accounts earlier than the year in which he expects to complete his course for either the degree or the final certificate unless he has passed in Equity and is serving under Articles as prescribed in the Rules of the Supreme Court.

* Allowed 17th December, 1959; amendment awaiting allowance at time of printing.

† Amended 4th April, 1963.

** Awaiting allowance at time of printing.

†6. Annual examinations shall be held in November and supplementary examinations shall be held in January, 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. All students whether exempted from attendance at lectures or not shall submit such written or essay work in a subject as may be prescribed. If the lecturer and examiners deem it appropriate, such written or essay work may form part of the annual or supplementary examination in that subject and may be taken into account for the purposes of determining and classifying the results in that subject.

In addition, the examiners in any subject may require a candidate to submit himself for a *viva voce* examination in that subject, such *viva voce* examination to be taken into account in determining and classifying the candidate's result.

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. 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.

† Amended 4th April, 1963.

‡‡ Awaiting allowance at time of printing.

* Allowed 22nd December, 1955.

** Allowed 28th July 1959; amendment awaiting allowance at time of printing.

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, 5A, 6, 7, 8, 9, 10A, and 14, and upon such conditions, as it shall decide.

††17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed.

††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 20th December, 1956.

‡Allowed 18th October, 1956

§ Amendment awaiting allowance at time of printing.

†† 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 subject according to the following scheme:

First Year: Elements of Law (570); Constitutional Law I (571); Criminal Law and Procedure (572); two Arts subjects.

Second Year: The Law of Contract (574); The Law of Torts (575); The Law of Property (576); Constitutional Law II (577).

Third Year: Jurisprudence (580); Roman Law (581) or International Law (582); Legal History (583); Equity (584); Mercantile Law I (585).

Fourth Year: Private International Law (590) or Family Law (591); Mercantile Law II (592) or Administrative, Local Government and Industrial Law (593); The Law of Evidence and Procedure (594).

- (b) that candidates for the Final Certificate take their subjects according to the following scheme:

First Year: Elements of Law (570); Constitutional Law I (571); Criminal Law and Procedure (572).

Second Year: The Law of Contract (574); The Law of Torts (575); The Law of Property (576).

Third Year: Equity (584); Mercantile Law I (585).

Fourth Year: Family Law (591); The Law of Evidence and Procedure (594).

- (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 or Economic Geography, Social Economics or Economics I, 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.

- (3) A candidate may take a combined course for the Degrees of Bachelor of Arts and Bachelor of Laws. Particulars of the course are given in Schedule III of the Degree of Bachelor of Arts.

Schedule of Fees prescribed by the Council under Regulation 15

A. For attendance (or re-attendance) at lectures and examination in Legal History	12 0 0
B. For attendance (or re-attendance) at lectures and examination in each other legal subject of the course	24 0 0
C. For attendance at the course of lectures in Legal Ethics and Accounts	8 0 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 the additional examination required for the Honours degree of Bachelor of Laws	24 0 0
F. For the Final Certificate	5 5 0
G. For a supplementary examination in any subject	8 0 0
H. For attendance at the course of lectures in Taxation Law	12 0 0

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 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 I,
- (ix) Family Law,
- (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.

¹ The Board of Examiners of the Supreme Court of South Australia.

8. In the case of a person articed 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 articed 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 articed 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.

¹The Master of the Supreme Court of South Australia.

²The Law Society of South Australia Incorporated.

SERVICE UNDER ARTICLES.

16. No clerk shall be articed 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 articed clerks serving under articles at the same time.

18. No practitioner shall take, or retain, any articed 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 articed 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 articed; or
- (b) a partner of the practitioner; or
- (c) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articed.

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 articed 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 articed or his partner (if any).

(2) A clerk articed 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 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 the first, third, fourth, fifth and sixth years 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.

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,

* Amended 20th December, 1956, and 9th January, 1958.

‡Allowed 20th December, 1956.

† Amended 4th April, 1963.

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.

††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 18th October, 1956.

†† Allowed 22nd December, 1955.

Allowed 25th August, 1955.

† "The Council has determined that the Second Annual Examination shall be held in August and that the other annual examinations shall be held in November.

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.

Note: This schedule applies to students who enrol in the first, second, third or fourth year of the medical course in 1964. Students who enrol in the fifth or sixth year of the medical course in 1964 will pursue the courses of study prescribed in Schedule 1 in force in 1963. For convenience the sections of that schedule applying to the fifth and sixth years are set out at the end of this schedule.

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) attend a course of lectures and practical work in Biochemistry;
- (e) attend a course of lectures and practical work in Microbiology;
- (f) attend a course of lectures and practical work in Pathology, including a course of demonstrations in Clinical Pathology.

During the fourth year the student shall

- (a) attend a course of lectures in Medicine;
- (b) attend a course of lectures in Surgery;
- (c) complete the course of lectures and practical work in Pathology, and continue to attend demonstrations in Clinical Pathology;
- (d) complete the course of lectures and practical work in Microbiology;
- (e) complete the course of lectures and practical work in Applied Physiology and Pharmacology;
- (f) attend a course of lectures in Anaesthetics;
- (g) attend a course of lectures in Public Health and Preventive Medicine.

During the fifth year the student shall

- (a) attend a course of lectures in Obstetrics and Gynaecology;
- (b) attend a course of lectures in Ophthalmology;
- (c) attend a course of lectures in Otorhinolaryngology;
- (d) attend a course of lectures in Medical Pediatrics;
- (e) attend a course of lectures in Surgical Pediatrics;
- (f) attend a course of lectures in Dermatology;
- (g) continue to attend demonstrations in Clinical Pathology;
- (h) attend on three occasions the Outpatients' Department and for three clinical sessions at the Pulmonary Tuberculosis Department;
- (i) attend, as directed, the Venereal Clinical at the Royal Adelaide Hospital;
- (j) attend at not less than six *post mortem* examinations;
- (k) attend Class Examinations as directed by the Faculty of Medicine.

During the sixth year the student shall

- (a) attend a course of lectures in Medicine;
- (b) attend a course of lectures in Surgery;
- (c) attend clinical meetings as directed by the Faculty of Medicine;
- (d) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;

- (e) attend a course of lectures in Forensic Medicine;
- (f) complete a course of instruction in Infectious Diseases;
- (g) complete a course of instruction in Dentistry;
- (h) attend a course of lectures in the Principles of Medical Practice, including Medical Ethics, Life Assurance and General Practitioner Documentation;
- (i) attend a course of lectures in Venereology;
- (j) attend a course of instruction in Psychiatry;
- (k) continue to attend demonstrations in Clinical Pathology;
- (l) attend the Interim Examination in Surgery;
- (m) attend the Class Examination in Forensic Medicine;
- (n) attend the Interim Examination in Medicine.

B. Clinical Instruction.

Clinical Instruction will begin in the third term of third year.

During the period of clinical instruction 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) be attached to the Outpatients' Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for 11 weeks and perform such duties and attend such clinics as may be directed;
- (e) attend for 11 weeks, or such lesser period as may be directed, the gynaecological practice of the Royal Adelaide Hospital or the Queen Elizabeth Hospital in the wards and in the Outpatients' Department;
- (f) reside for 11 weeks, or such lesser period as may be directed, in the Queen Victoria Maternity Hospital or the Queen Elizabeth Hospital (Maternity Section) for clinical work in Obstetrics;
- (g) hold for a total of at least 10 weeks, the offices of medical clerk or surgical dresser at the Adelaide Children's Hospital; and reside for at least one week in that hospital;
- (h) attend for two sessions a week during not less than 5 weeks the practice of the Ophthalmological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (i) attend for one session a week during not less than 10 weeks the practice of the Ear, Nose and Throat, Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (j) attend for one session a week during not less than 10 weeks the practice of the Dermatological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (k) attend as directed during a period of 11 weeks the practice of the Orthopaedic Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (l) attend a course of clinical instruction in Psychiatry.

SECTIONS OF SCHEDULE I IN FORCE IN 1963 AND REMAINING
IN FORCE IN 1964.

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 outpatients' 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 (511)
2. Chemistry (512)
3. Biology (270).
4. Medicine and the Humanities (514). (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 which is held in August of the third year the candidate shall satisfy the examiners in each of the following subjects:
 1. Biochemistry (531)
 2. Anatomy (530)
 3. Human Physiology (533).
3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following groups of subjects:
 1. Pathology (541)
 2. Bacteriology (542)
 3. Applied Physiology and Pharmacology (544).
4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Special Pathology (554)
 2. Public Health and Preventive Medicine (555), and Forensic Medicine (556).
5. 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 (564)
 2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (565)
 3. Obstetrics and Gynaecology (566).

III. SCHEDULES 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 - - £135 0 0
 - (2) In each of the fourth, fifth and sixth years - - 120 0 0
- B. For a supplementary examination:
 - (1) In any single group - - - - - 8 0 0
 - (2) In any group of subjects - - - - - 16 0 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
Adelaide Children's Hospital Residence Fee (Fifth Year) - - - - -	6	3	0

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 "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. Subject to these Regulations a candidate may proceed to the degree in one of the following subjects:

(a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Pathology, (e) Microbiology, (f) Pharmacology, (g) Genetics, (h) Psychology.

2. Before entering upon the course of study in one of the subjects for the degree a candidate must (i) have completed the pre-requisite work for that subject, and (ii) 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 interrupt his medical course, undertake a course of advanced study extending over at least one year in one of the subjects listed in Regulation 1, and satisfy the examiners therein.

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 subject:

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 pre-requisite work, 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 submitted to the Council. Such schedules shall become effective from the date of approval by the Council or such other date as the Council may determine, and 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 standard in another Faculty or otherwise, and desires that such examinations shall be counted *pro tanto* for the Honours degree of Bachelor of Medical Science, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine; but no exemption shall be granted from the year's course of advanced study for the degree.

Awaiting allowance at time of printing.

Schedule I: Pre-requisite work

The pre-requisite work for the various subjects is:

Anatomy, Biochemistry, Physiology: a pass in the Second Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Pathology, Microbiology, Pharmacology: a pass in the Third Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Genetics: a pass in the Second Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination in Genetics I as prescribed for the degree of Bachelor of Science.

Psychology: a pass in the Second Examination in the degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination in Psychology I (S) as prescribed for the degree of Bachelor of Science.

Schedule II: Fees

For the special work and examination in any subject						
for the Honours degree	-	-	-	-	-	£96 0 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 undertaken, 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 DECREE.

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.

Allowed 16th March, 1961.

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.

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) Human 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) Human Physiology, (b) Applied Oral Anatomy and Applied Physiology, (c) General Pathology, (d) Microbiology, (e) Oral Pathology and Microbiology, (f) Conservative Dentistry, (g) Prosthetic Dentistry, (h) 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, (q) Applied Physiology; 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 (511)
- (ii) Chemistry (512)
- (iii) Biology (270).

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) General Anatomy (621)
- (ii) General and Dental Histology (622)
- (iii) Biochemistry (623)
- (iv) Oral Anatomy and Physiology (625)
- (v) Dental Materials and Technics (626).

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) Human Physiology (634)
- (ii) Applied Oral Anatomy and Applied Physiology (632)
- (iii) General Pathology (633)
- (iv) Oral Pathology and Microbiology (635)
- (v) Restorative Dentistry (636).

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 (641)
- (ii) General Surgery (642)
- (iii) Clinical Dentistry I—Part A (643)
- (iv) Clinical Dentistry I—Part B (644)
- (v) Clinical Dentistry I—Part C (645).

5. At the Final Examination the candidate shall satisfy the examiners in the following groups of subjects:

- (i) Clinical Dentistry II—Part A (651)
- (ii) Clinical Dentistry II—Part B (652)
- (iii) Clinical Dentistry II—Part C (653)

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 Degree	£120 0 0
B. For attendance at lectures, practical work and examination at a Final Examination, not being an annual examination, under Regulation 10	60 0 0
C. For a supplementary examination in Clinical Dentistry I	16 0 0
D. For a supplementary examination in any other subject	8 0 0
E. For the year's honours work and examination	96 0 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 attend at the Dental Department and at other Departments of the Royal Adelaide Hospital as directed by the Dean of the Faculty of Dentistry; and each student shall be admitted to the practice of the Hospital under the disciplinary control of the Medical Superintendent or Dental Superintendent whilst attending a Department of the Hospital.

2. No student may introduce visitors into any department of the Hospital without permission from the Administrator.

3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article damaged or lost, or destroyed by him, and make good any loss sustained by his negligence.

4. Each student shall at all times be under the direction and supervision of a duly appointed member of the teaching staff of the University of Adelaide, and shall carry out such work as shall be allotted to him.

5. No student shall administer treatment to any patient without the approval of an appointed teacher.

6. No student shall publish a report on any case without the written permission of the Honorary Medical Officer or Honorary Dental Officer under whose care the patient is or has been.

7. Any student infringing any of these rules, or otherwise misconducting himself, may be temporarily suspended by the Medical Superintendent or the Dental Superintendent. In the case of such temporary suspension, written notice shall immediately be given to the Dean of the Faculty of Dentistry and the Administrator of the Hospital.

Approved by Council, 1961.

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 such 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.

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.

* Amended 9th January, 1958.

† Allowed 20th December, 1956.

*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.

††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 22nd December, 1955.

†† 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 (752);
- (b) Counterpoint I (785);
- (c) History of Music II (756);
- (d) Form (750);
- (e) Acoustics (781);

and in addition shall satisfy the examiners in:—

Practical Tests II (764).

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 (753);
- (b) Counterpoint II (786);
- (c) History of Music III (757);
- (d) Orchestration I (796);
- (e) Musical Criticism and Aesthetics (795);
- (f) Essay I (790);

and in addition shall satisfy the examiners in:—

Practical Tests III (765).

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 (754);
- (b) Counterpoint III (787);
- (c) Canon and Fugue (783);
- (d) History of Music IV (758);
- (e) Orchestration II (797);
- (f) Essay II (791);

and in addition shall satisfy the examiners in:—

Practical Tests IV (766).

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:

- (a) submit a composition which shall be either a major work or an approved group of works; *or*
- (b) submit 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	- - - - -	£5 0 0
B. For each year's work and examination	- - -	84 0 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	- - -	16 0 0
D. For a supplementary examination in any subject of a year's work	- - - - -	8 0 0
E. For admission to the degree	- - - - -	5 5 0
F. For subjects taken separately: £16 up to a maximum of the annual fee of £84 for the full year's course.		

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 (811);
 - Mathematics;
 - Building Science I (813);
 - History of Architecture I (814);
 - Architectural Design and Planning I (815);
 - Architectural and Free Drawing (816);
 - Studio Work I (817).
- (b) Second Year:
 - Building Construction II (821);
 - Structures I (822);
 - Building Science II (823);
 - History of Architecture II (824);
 - Architectural Design and Planning II (825);
 - Architectural Surveying (826);
 - Studio Work II (827).
- (c) Third Year:
 - Building Construction III (831);
 - Structures II (832);
 - Building Science III (833);
 - Architectural Design and Planning III (835);
 - Studio Work III (837);
 - Professional Practice I (834).
- (d) Fourth Year:
 - Building Construction IV (841);
 - Structures III (842);
 - Building Science IV (843);
 - Professional Practice II (844);
 - Town and Regional Planning and Civic Design I (846);
 - Architectural Design and Planning IV (845);
 - Studio Work IV (847).
- (e) Fifth Year:
 - Building Construction V (851);
 - Structures IV (852);
 - Building Science V (853);
 - Professional Practice III (854);
 - Town and Regional Planning and Civic Design II (856);
 - Studio Work V and Thesis (857 and 855).

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 | £108 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 | 8 0 0 |
| (3) For subjects taken separately: £24 each up to a maximum of the annual fee of £108 for the full year's course. | |

B. For the Honours Degree:

For the additional Honours work and examination	36 0 0
---	--------

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 Applied Science 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,
Industrial Physics.

*(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 and Applied Science 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

† Amended 15th January, 1959, 17th December, 1959, 16th March, 1961, 4th October, 1962 and 4th April, 1963.

* Amendment awaiting allowance at time of printing.

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 and Applied Science. 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.

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.)

† Amendment awaiting allowance at time of printing.

* Allowed 9th January, 1958.

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.

COMPLETION OF SUBJECTS

It is not necessary for a candidate to take all the subjects of any one year simultaneously or to complete all 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 must obtain the permission of the Faculty.

BUILDING TECHNOLOGY

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee			
			£	s.	d.	
870	Building Science I (T)	Lectures 1 Practical 1	}	9	15	0
873	Building Construction and Drawing I	Lectures 1 Practical 2				
880	Architectural Drawing I (T)	Practical 6 ¹ , 3 ²	}	12	15	0
221	General Physics	Lectures 3 Tutorial 1 Practical 3				
201	General Mathematics	Lectures 3 Tutorials 2	}	24	0	0
881	Free Drawing I (T)	Practical 2				
885	Quantity Surveying I	Lectures 2		9	15	0

SECOND YEAR

871	Building Science II (T)	Lectures 2 ² , 1 ¹ Practical 1	}	12	0	0
875	Building Construction and Drawing II	Lectures 1 Practical 2				
877	Building Administration I	Lectures 2 ¹ , 1 ²	}	9	15	0
941	Applied Mathematics (T)	Lectures 3 Tutorial 1				
960	Strength of Materials (T)	Lectures 2 Practical 3	}	13	10	0
909	Surveying IB	Lectures 1 Practical 3				
886	Quantity Surveying II	Lectures 2		9	15	0
883	History of Building	Lectures 1 Practical 1	}	9	15	0

THIRD YEAR

872	Building Science III (T)	Lectures 2 Practical 3 ¹	}	12	0	0
876	Building Construction and Drawing III	Lectures 1 Practical 5				
878	Building Administration II	Lectures 2 Practical 3	}	13	10	0
888	Estimating and Costing	Lectures 2				
860	Bookkeeping and Accounts	Lectures 2		9	15	0
890	Design of Structures	Lectures 1 Practical 3	}	12	15	0
865	Supervision—Human Relations and	Lectures 1½				
879	Building Administration III	Lectures 1½		9	15	0
887	Quantity Surveying III	Lectures 3		12	0	0

CIVIL ENGINEERING

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
232	Chemistry IA	Lectures 2 Practical 3	16 0 0 6 0 0
221	General Physics	Lectures 3 Tutorial 1 Practical 3	24 0 0 6 0 0 24 0 0
201	General Mathematics	Lectures 3 Tutorials 2	24 0 0 9 15 0
950	Mechanical Engineering I (T)	Lectures 2	9 15 0
963	Engineering Drawing and Design I	Practical 4	12 15 0
966	Workshop Practice I	Lectures 1 Practical 3	12 15 0

SECOND YEAR

900	Structures I (T)	Lectures 3 Practical 4	15 15 0
906	Surveying I (T)	Lectures 12, 2 ¹ Practical 3	13 10 0
213	Mathematics I (Engineering)	Lectures 3 Tutorials 2	24 0 0
941	Applied Mathematics (T)	Lectures 3 Tutorial 1	12 15 0
917	Hydraulics (T)	Lectures 1 Practical 3	9 15 0
964	Engineering Drawing and Design II	Lectures 1 Practical 3	12 15 0

THIRD YEAR

901	Civil Engineering A	Lectures 3 Practical 5 ^o	16 10 0
902	Civil Engineering B	Lectures 4 Practical 3	15 15 0
903	Structures II (T)	Lectures 1 Practical 7	16 10 0
904	Methods of Construction and Management	Lectures 1	7 10 0
907	Survey Camp		5 10 0
922	Electrical Engineering IIA (T)	Lectures 2 Practical 2	12 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 £16 0 0.
^o Including Seminars.

SURVEYING

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	16 0 0 6 0 0
906	Surveying IT	Lectures 12, 2 ¹ Practical 3	13 10 0
221	General Physics	Lectures 3 Tutorial 1 Practical 3	24 0 0 6 0 0 24 0 0
201	General Mathematics	Lectures 3 Tutorials 2	24 0 0 9 15 0
963	Engineering Drawing and Design I	Practical 4	12 15 0

SECOND YEAR

891	Town Planning Practice I	Lectures 1	7 10 0
907	Survey Camp		5 10 0
908	Surveying Computations	Lectures 3	12 0 0
910	Surveying II	Lectures 2 Practical 3	13 10 0
915	Astronomy	Lectures 2 Practical 3	13 10 0
893	Applied Geology and Economic Geography	Lectures 1	7 10 0
874	Building Construction and Drawing IA	Lectures 1 Practical 2	12 0 0
213	Mathematics I (Engineering)	Lectures 3 Tutorial 2	24 0 0
941	Applied Mathematics (T)	Lectures 3 Tutorial 1	12 15 0

THIRD YEAR

905	Soils Investigations	Lectures 12, 2 ¹ Practical 3	13 10 0
911	Land Surveying Design and Drafting	Practical 3	12 0 0
913	Photogrammetry	Lectures 3 Practical 6	16 10 0
914	Geodesy	Lectures 3 Practical 3	15 0 0
916	Surveying Law	Lectures 2	9 15 0
892	Law in Relation to Planning	Lectures 1	7 10 0
862	Land Valuation—Principles and Practice	Lectures 1	10 10 0
917	Hydraulics (T)	Lectures 1 Practical 3 ¹	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 £16 0 0.

ELECTRICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee			
			£	s.	d.	
FIRST YEAR						
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
201	General Mathematics	Lectures	3	24	0	0
920	General Electrical Engineering	Tutorials	2			
		Lectures	1	9	15	0
963	Engineering Drawing and Design I	Practical	4	12	15	0
966	Workshop Practice I	Lectures	1			
		Practical	3	12	15	0
SECOND YEAR						
921	Electrical Engineering II (T)	Lectures	2	12	15	0
		Practical	2			
213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorial	2			
941	Applied Mathematics (T)	Lectures	3	12	15	0
		Tutorials	1			
951	Mechanical Engineering II (T)	Lectures	2	12	15	0
		Practical	2 ^a			
960	Strength of Materials (T)	Lectures	2	13	10	0
		Practical	3			
964	Engineering Drawing and Design II	Lectures	1	12	15	0
		Practical	3			
THIRD YEAR						
923	Electrical Engineering III (T)	Lectures	2	12	15	0
		Practical	2			
925	Automatic Control	Lectures	1	12	15	0
		Practical	3			
933	Applied Electronics	Lectures	1	12	0	0
		Practical	2			
957	Machine Design	Lectures	2	12	15	0
		Practical	3 ^a			
967	Workshop Practice II	Lectures	1	12	15	0
		Practical	3			
986	Engineering Materials	Lectures	2	12	15	0
		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 £16 0 0.

ELECTRONIC ENGINEERING

FIRST YEAR						
Subject No. in Syllabus	Subject	Hours a Week	Fee			
			£	s.	d.	
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
201	General Mathematics	Lectures	3	24	0	0
920	General Electrical Engineering	Tutorials	2			
		Lectures	1	9	15	0
963	Engineering Drawing and Design I	Practical	4	12	15	0
966	Workshop Practice I	Lectures	1			
		Practical	3	12	15	0
SECOND YEAR						
921	Electrical Engineering II (T)	Lectures	2	12	15	0
		Practical	2			
930	Communication Engineering I	Lectures	3	15	0	0
		Practical	3			
934	Applied Electronics (Short Course)	Lectures	1 ^a	8	0	0
		Practical	2 ^a			
213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorials	2			
944	Electron Physics	Lectures	1	12	15	0
		Practical	3			
986	Engineering Materials	Lectures	2	12	15	0
		Practical	2			

THIRD YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
923	Electrical Engineering III (T)	Lectures 2 Practical 2	} 12 15 0
925	Automatic Control	Lectures 1 Practical 3	
931	Communication Engineering II	Lectures 2 Practical 4	} 15 0 0
935	Electronic Engineering Design	Lectures 1 Practical 2	
936	Electronic Measurements	Lectures 1 Practical 2	} 12 0 0
937	Pulse Techniques	Lectures 2 Tutorial 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 £16 0 0.

MECHANICAL ENGINEERING (COURSE A)

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 16 0 0 6 0 0
221	General Physics	Lectures 3 Tutorial 1 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 6 0 0 24 0 0
956	Engineering Mechanics I	Lectures 2 Practical 4	
963	Engineering Drawing and Design I	Lectures 1 Practical 3	} 9 15 0 12 15 0
966	Workshop Practice I	Lectures 1 Practical 3	

SECOND YEAR

213	Mathematics I (Engineering)	Lectures 3 Tutorial 2	} 24 0 0
941	Applied Mathematics (T)	Lectures 3 Tutorial 1 Practical 2	
951	Mechanical Engineering II (T)	Lectures 2 Practical 2 ²	} 12 15 0
960	Strength of Materials (T)	Lectures 2 Practical 3	
964	Engineering Drawing and Design II	Lectures 1 Practical 3	} 13 10 0
986	Engineering Materials	Lectures 2 Practical 2	

THIRD YEAR

922	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 12 15 0
933	°Applied Electronics	Lectures 1 Practical 2	
952	Mechanical Engineering III (T)	Lectures 2 Practical 3	} 12 0 0
958	Machine Design Project	Lectures 2 Practical 3	
967	Workshop Practice II	Lectures 1 Practical 3	} 13 10 0
973	°Industrial Instrumentation	Lectures 1 Practical 3	
981	Metal Fabrication	Lectures 1 Practical 3	} 12 15 0
982	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 £16 0 0.
° Omit one of these subjects.

MECHANICAL ENGINEERING (COURSE B)

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 16 0 0 6 0 0
221	General Physics	Lectures 3 Tutorial 1 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 6 0 0 24 0 0
953	Refrigeration Engineering I	Lectures 2 Practical 4	
963	Engineering Drawing and Design I	Lectures 1 Practical 3	} 9 15 0 12 15 0
966	Workshop Practice I	Lectures 1 Practical 3	

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee		
			£	s.	d.
213	Mathematics I (Engineering)	Lectures 3	24	0	0
		Tutorials 2			
941	Applied Mathematics (T)	Lectures 3	12	15	0
		Tutorial 1			
954	Refrigeration Engineering II	Lectures 2	12	15	0
		Practical 2			
960	Strength of Materials (T)	Lectures 2	13	10	0
		Practical 3			
964	Engineering Drawing and Design II	Lectures 1	12	15	0
		Practical 3			
984	Chemistry I, Organic (T)	Lectures 1	12	0	0
		Practical 3 ²			

THIRD YEAR

922	Electrical Engineering IIA (T)	Lectures 2	12	15	0
		Practical 2			
933	*Applied Electronics	Lectures 1	12	0	0
		Practical 2			
952	Mechanical Engineering III (T)	Lectures 2	13	10	0
		Practical 3			
955	Refrigeration Engineering III	Lectures 2	13	10	0
		Practical 3 ²			
967	Workshop Practice II	Lectures 1	12	15	0
		Practical 3			
864	*Principles of Business and Industry	Lectures 2	10	10	0
973	*Industrial Instrumentation	Lectures 1			
		Practical 3	12	15	0
986	Engineering Materials	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 — £16 0 0.

* Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

INDUSTRIAL PHYSICS

FIRST YEAR

201	General Mathematics	Lectures 3	24	0	0
		Tutorial 2			
221	General Physics	Lectures 3	24	0	0
		Tutorial 1			
232	Chemistry IA	Practical 3	6	0	0
		Lectures 2			
963	Engineering Drawing and Design I	Practical 3	16	0	0
966	Workshop Practice	Practical 4			
		Lectures 1	12	15	0
		Practical 3			

SECOND YEAR

942	Applied Mathematics II (T)	Lectures 3	13	10	0
		Tutorial 2			
943	Mechanics (T)	Lectures 1	9	15	0
		Tutorial 1			
945	Applied Physics IA	Lectures 3	16	10	0
		Practical 5			
946	Applied Physics IB	Lectures 2	15	15	0
		Tutorial 1			
926	Electrical Engineering Circuits	Practical 4	12	15	0
		Lectures 2			
		Practical 2			

THIRD YEAR

947	Applied Physics IIA	Lectures 3	16	10	0
		Practical 5			
948	Applied Physics IIB	Lectures 3	16	10	0
		Practical 5			
974	Industrial Instrumentation A	Lectures 2	15	0	0
		Practical 4			
986	Engineering Materials	Lectures 2	12	15	0
		Practical 2			

SCHEDULE OF FEES

A.	For attendance at lectures, practical work and annual examination: the fees prescribed in the schedule of subjects for the degree.			
B.	For a special or supplementary examination (theoretical or practical or both) in any subject	£8	0	0
C.	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 - - -	16	0	0
D.	For admission to the degree - - - -	5	5	0

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 provided that until the Council decides otherwise a candidate for the degree in Mineral Engineering may proceed to the Ordinary degree only.

*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 Applied Science 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.

Mineral Engineering.

(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 and Applied Science for the Ordinary degree or by the Faculty of Engineering for the Honours degree as appropriate to the course 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.

* Amendment awaiting allowance at time of printing.

(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 Council 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.

Allowed 16th March, 1961.

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, SECONDARY METALLURGY AND MINERAL ENGINEERING.

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 COURSES.

**APPLIED CHEMISTRY (Courses A and B)
PRIMARY METALLURGY
SECONDARY METALLURGY**

Subject No. in Syllabus	Subject	Lectures	Tutorials	Practical	Hours a Week	Fee			
						£	s.	d.	
201	General Mathematics	3	2		}	24	0	0	
221	General Physics	3	1			24	0	0	
232	°Chemistry IA	2	3			6	0	0	
963	Engineering Drawing and Design I	2	3			16	0	0	
						6	0	0	
						12	15	0	
MINERAL ENGINEERING									
201	General Mathematics	3	2		}	24	0	0	
221	General Physics	3	1			24	0	0	
232	°Chemistry IA	2	3			6	0	0	
						16	0	0	
						6	0	0	
950	Mechanical Engineering I (T)	2	3			9	15	0	
963	Engineering Drawing and Design I	1	3		}	12	15	0	
965	Workshop Practice I (B)	1	3			9	15	0	
						9	15	0	

° Lectures and Practical Work in this subject are at present given wholly or partly at the University.

5. SECOND, THIRD AND FOURTH YEAR COURSES.

APPLIED CHEMISTRY (Courses A and B)

PRIMARY METALLURGY

SECONDARY METALLURGY

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee		
			£	s.	d.
213	Mathematics I (Engineering)	Lectures 3 Tutorial 2	24	0	0
940	*Physics B (Engineering)	Lectures 2 Practical 3			
234	*Chemistry IIA	Lectures 3 Practical 6	24	0	0
986	Engineering Materials	Lectures 2 Practical 2			
And in addition, if not taken in the First Year:					
963	Engineering Drawing and Design I	Practical 4	12	15	0

MINERAL ENGINEERING

213	Mathematics I (Engineering)	Lectures 3 Tutorial 2	24	0	0
251	*Geology I	Lectures 2 Tutorial 1			
895	Structures IA (T)	Practical 3 Lectures 3	13	10	0
906	Surveying I (T)	Practical 2 Lectures 1 ² , 2 ¹			
941	Applied Mathematics (T)	Practical 3 Lectures 3	12	15	0
995	Mining Trip Vacational Experience	Tutorial 1			

THIRD YEAR

APPLIED CHEMISTRY (COURSE A)

863	*Organic Chemistry IIA	Lectures 2 Practical 6	16	0	0
988	Applied Physical Chemistry	Lectures 2 Practical 3			
950	Mechanical Engineering I (T)	Lectures 2	9	15	0
961	Materials and Structures	Lectures 2 Practical 2			
975	Process Technology I	Lectures 2 ² , 3 ¹	12	0	0

APPLIED CHEMISTRY (COURSE B)

863	*Organic Chemistry IIA	Lectures 2 Practical 6	16	0	0
988	Applied Physical Chemistry	Lectures 2 Practical 3			
287	*Human Nutrition	Lectures 1	12	0	0
975	Process Technology I	Lectures 2 ² , 3 ¹	12	0	0
866	*Industrial Microbiology I	Lectures 2 Practical 4	12	0	0

PRIMARY METALLURGY

861	*Geology IA	Lectures 2 ² Practical 4 ²	12	0	0
988	Applied Physical Chemistry	Lectures 2 Practical 3			
922	Electrical Engineering IIA (T)	Lectures 2 Practical 2	12	15	0
950	Mechanical Engineering I (T)	Lectures 2			
961	Materials and Structures	Lectures 2 Practical 2	12	15	0
975	Process Technology I	Lectures 2 ² , 3 ¹			

SECONDARY METALLURGY

988	Applied Physical Chemistry	Lectures 2 Practical 3	13	10	0
922	Electrical Engineering IIA (T)	Lectures 2 Practical 2			
950	Mechanical Engineering I (T)	Lectures 2	9	15	0
961	Materials and Structures	Lectures 2 Practical 2			
975	Process Technology I	Lectures 2 ² , 3 ¹	12	0	0
977	Physical Metallurgy I	Lectures 1 Practical 3	12	15	0

* 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 (270) instead of Physics B (Engineering) (940).

MINERAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
896	Structures IIA (T)	Lectures 1 Practical 2	12 0 0
894	Applied Geology	Lectures 3 Practical 4	15 15 0
897	Civil Engineering A (Min)	Lectures 3	12 0 0
917	Hydraulics (T)	Lectures 1 Practical 3 ¹	9 15 0
940	Physics (B) (Engineering)	Lectures 2 Practical 3	13 10 0
990	Mineral Engineering I	Lectures 2 Practical 1	12 0 0
907	Survey Camp		
996	Geology Field Trip Vacational Experience		5 10 0

FOURTH YEAR

APPLIED CHEMISTRY (COURSE A)

922	Electrical Engineering IIA (T)	Lectures 2 Practical 2	12 15 0
964	Engineering Drawing and Design II	Lectures 1 Practical 3	12 15 0
970	†Analytical Chemistry	Lectures 1 Practical 3	12 15 0
973	†Industrial Instrumentation	Lectures 1 Practical 3	12 15 0
976	Process Technology II	Lectures 2 Practical 6	16 10 0
868	Unit Operations	Lectures 1 Practical 3	12 15 0
983	Industrial Economics	Lectures 3 Lectures 1 ²	6 0 0 5 0 0

APPLIED CHEMISTRY (COURSE B)

953	°°Refrigeration Engineering I	Lectures 2	9 15 0
961	°°Materials and Structures	Lectures 2 Practical 2	12 15 0
973	°°Industrial Instrumentation	Lectures 1 Practical 3	12 15 0
976	Process Technology II	Lectures 2 Practical 6	16 10 0
868	Unit Operations	Lectures 1 Practical 3	12 15 0
983	Industrial Economics	Lectures 3	6 0 0
867	°Industrial Microbiology II	Lectures 1 ² Practical 2 Practical 6	5 0 0 16 0 0 9 0 0

PRIMARY METALLURGY

917	Hydraulics (T)	Lectures 1 Practical 3 ¹	8 0 0 2 0 0
987	Mineral Dressing	Lectures 2 Seminar 2 ¹ Practical 3 ²	13 10 0
450	°Mining Engineering I	Lectures 2 Practical 3	16 0 0 6 0 0
964	Engineering Drawing and Design II	Lectures 1 Practical 3	12 15 0
971	Extractive Metallurgy I	Lectures 2 Seminar 1 Practical 3	15 0 0
973	Industrial Instrumentation	Lectures 1 Practical 3	12 15 0
983	Industrial Economics	Lectures 1 ²	5 0 0

SECONDARY METALLURGY

964	Engineering Drawing and Design II	Lectures 1 Practical 3	12 15 0
970	Analytical Chemistry	Lectures 1 Practical 3	12 15 0
972	Extractive Metallurgy IA	Lectures 1 Practical 3	12 15 0
978	Physical Metallurgy Project	Lectures 6	15 0 0
980	Physical Metallurgy II	Lectures 1 Practical 3	12 15 0
981	Metal Fabrication	Lectures 1 Practical 3 ¹	9 15 0
982	Foundry Practice	Lectures 1 Practical 3 ²	12 0 0
983	Industrial Economics	Lectures 1 ²	5 0 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.

		MINERAL ENGINEERING			Hours	Fee		
Subject No. in Syllabus	Subject			a Week	£	s.	d.	
898	Civil Engineering B (Min)	Lectures		3	}	15	0	0
		Practical		3				
904	Methods of Construction and Management	Lectures		1	}	7	10	0
922	Electrical Engineering IIA (T)	Lectures		2				
991	Mineral Engineering II	Lectures		3	}	15	0	0
		Practical		3				
992	Mineral Treatment	Lectures		2	}	12	15	0
		Practical		2				
993	Mineral Exploration	Lectures		2	}	13	10	0
		Practical		3				
994	Drilling Camp Visit to Oil Rig							

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. 499.

(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 £96.

7. FEES.

- (a) For attendance at lectures, practical work, thesis or other work and annual examination: the fees prescribed in the schedules of subjects for the degree (see Clauses 4 and 5 above for the Ordinary degree and Clause 6 above for the Honours degree).
- (b) For a special or supplementary examination (theoretical or practical or both) in any subject £8 0 0
- (c) For admission to the degree - - - - 5 0 0

OF THE DEGREE OF BACHELOR OF PHARMACY.
REGULATIONS.

1. There shall be an Ordinary degree of Bachelor of Pharmacy.

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 Applied Science and submitted to the Councils of the University and the South Australian Institute of Technology. Such Schedules shall become effective from the date of approval by both Councils or from such other date as the Councils may determine, and shall be published as soon as practicable after that approval has been given.

3. To qualify for the 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 in the Schedules.

4. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not already completed the pre-requisite work as prescribed in the syllabus for that subject.

5. (a) Annual examinations shall be held towards the end of the academic year, except that practical examinations and the annual examination in a subject in which the course of instruction has been completed by the end of 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 done the written laboratory and other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) The examiners may take into consideration, at the final examination in any subject, a candidate's written and practical work in that subject during the year and his results at terminal or other examinations in the subject.

(d) There shall be three classifications of pass at the annual examinations 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 be not classified at that annual examination.

(e) 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.

(f) A candidate who fails to pass at an annual examination shall, unless exempted wholly or partially therefrom by the Faculty, again attend lectures and laboratory and other practical work in the subjects

of the examination before presenting himself again for the annual examination.

6. A candidate who has twice failed to pass an examination in any subject may not present himself again for instruction or examination therein except with the approval of the Faculty.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination, and the annual examination and the supplementary examination shall be deemed to be one examination.

7. A candidate who has passed examinations *in pari materia* within the University or at other approved universities or institutions and who desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Pharmacy shall, on written application to the Registrar, be granted such exemption from the requirements of these regulations as the Council shall determine.

8. These Regulations shall come into force at a date to be determined by the Council.*

Awaiting allowance at time of printing.

*NOTE: These Regulations shall come into force on January 1, 1965. The work for the first year of the course for the degree, as prescribed in the Schedules, will be available to candidates in the academic year 1965; the work for the second year of the course, as prescribed in the Schedules, will be available for the first time in 1966; and the work for the third year of the course, as prescribed in the Schedules, will be available for the first time in 1967.

Schedules made by the Council under Regulation 2 of the Degree of Bachelor of Pharmacy

1. COMPLETION OF SUBJECTS.

For convenience the subjects of the course are set out in years, but it is not necessary for a candidate to take all the subjects in 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 may not take a third-year subject before completing the first year without permission of the Faculty.

2. APPROVAL OF SUBJECTS.

During the enrolment period, before the beginning of each academic year, each candidate must obtain the approval of the Director of Studies to enrol for the subjects he wishes to study.

3. SCHEDULE OF SUBJECTS.

		FIRST YEAR								
Subject No. in Syllabus	Subject				Hours a Week		£	s.	d.	
201	General Mathematics	Lectures	3	}	24	0	0
					Tutorial	2				
221	General Physics	Lectures	3	}	24	0	0
					Tutorial	1				
231	Chemistry I	Practical	3	}	6	0	0
					Lectures	3				
					Practical	6				
270	Biology	Lectures	2	}	24	0	0
					Practical	6				

SCHEDULES — DEGREE OF B.PHARM.

SECOND YEAR

Subject No. in Syllabus	Subject			Hours a Week	Fee		
					£	s.	d.
236	Organic Chemistry II	Lectures	.....	3	24	0	0
		Practical	.....	6			
	Pharmaceutical Chemistry	Lectures	.....	3	12	0	0
		Practical	.....	4 ² , 6 ¹			
	Pharmaceutics I	Lectures	.....	4 ² , 3 ¹			
		Practical	.....	6			
	Pharmacognosy	Lectures	.....	2 ²			
		Practical	.....			

THIRD YEAR

Pharmaceutical Chemistry II	Lectures	.....	3 ² , 2 ¹
	Practical	.....	6 ² , 9 ¹
Pharmaceutics II	Lectures	.....	3
	Practical	.....	9
Physiology and Pharmacology	Lectures	.....	2
	Practical	.....	3 ²
Forensic Pharmacy and Pharmaceutical Practice	Lectures	.....	3 ¹ , 4 ²

4. FEES.

- (a) For attendance at lectures, practical work and annual examinations the fees shall be those prescribed in the schedule of subjects above.
- (b) For a special examination (theoretical or practical or both) in any subject - - - - £8 0 0
- (c) For admission to the degree - - - - 5 5 0

2. REGULATIONS AND SCHEDULES FOR MASTER DEGREES

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 and to the Regulations and Schedules of the degrees to which they are proceeding.

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 the degree of M.E.) 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* (Royal Society, London, 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.

OF THE DEGREE OF MASTER OF ARTS REGULATIONS

1. (a) A Bachelor of Arts may proceed to the degree of Master of Arts by complying with these 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.

(b) Subject to the approval of the Council, the Faculty may accept as a candidate for the degree, on such conditions (if any) as it may impose in each case, a person who (i) holds the degree of Bachelor of Arts or its equivalent in a university recognised for the purpose by the University of Adelaide, and (ii) satisfies the requirements of Regulation 2.

(c) Subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may 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 for 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 so he must:

- (a) have obtained the Honours degree of Bachelor of Arts in a school to which his subject of study relates; or
- (b) have passed in all the courses for the Ordinary degree that are compulsory for the Honours degree of Bachelor of Arts, and in addition an examination of Honours standard, in a school or schools to which his subject of study relates; or
- (c) submit other evidence that satisfies the Faculty that his case deserves special approval.

3. Every candidate shall either:

- (a) present a satisfactory thesis on a subject approved by the Faculty of Arts and (if required) adduce sufficient evidence that the thesis is his own work; provided that in Classics 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 case, that he has completed a course of advanced study in work selected from two departments within the Faculty and approved by the Faculty.

A candidate who wishes to proceed to the degree in a course of study selected from two departments shall, after consultation with the Heads of the Departments concerned, apply in writing to the Registrar for permission so to proceed and shall state in his application the course which he wishes to undertake.

4. (a) 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.*

(b) Unless the Faculty expressly approve an extension of time in a particular case the thesis shall be submitted within nine terms, but not earlier than three terms, from the date of approval of the candidate's subject by the Faculty.

* These directions are published on page 585.

(c) On submission of the thesis, the Faculty shall nominate examiners.

(d) The examiners may require a candidate to take an examination, written or oral or both, in the field of study immediately relevant to the subject of his thesis.

5. The fees to be paid by candidates shall be prescribed from time to time by the Council, and the schedule of fees so prescribed shall be published in the University Calendar.

6. A candidate who fulfils the requirements of these regulations and satisfies the examiners under Regulation 4 shall on the recommendation of the Faculty be admitted to the degree of Master of Arts.

Awaiting allowance at time of printing.

Notes (not forming part of the Regulations):

1. The attention of a candidate for the degree under the Regulations superseded by these regulations is drawn to Clause 11 of Chapter XXV of the Statutes, under which he must complete his qualifications for the degree under the superseded regulations within three years of the repeal of those regulations.
2. For the purpose of section (b) of Regulation 3 the Faculty is willing to consider applications for permission to take combined courses; such applications shall be made in the first instance to the Heads of the Departments concerned.

Schedule of Fees prescribed by the Council under Regulation 5

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.	- - - - -	£48 0 0
(2) For guidance without instruction	- - -	24 0 0

B. Under Regulation 3:

On approval of the subject of the thesis or on beginning the course of study	- - - -	16 0 0
--	---------	--------

C. On submission or re-submission of the thesis	- -	16 0 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.

Allowed 16th March, 1961.

* These directions are published on page 585.

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 [New] (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	-	-	-	-	£24	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures	-	-	-	-	12	0	0
C. For a special examination	-	-	-	-	8	0	0
D. On submission or re-submission of the thesis	-	-	-	-	16	0	0
E. On admission to the degree	-	-	-	-	10	10	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.

† Allowed 18th October, 1956.

‡ Allowed 16th March, 1961.

Allowed 22nd January, 1953.

* These directions are published on page 585.

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	£48 0 0
(2) For guidance without instruction	24 0 0
B. On approval of the subject of the thesis	16 0 0
C. On submission or re-submission of the thesis	16 0 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 had at least two years' experience in business, public service or other field of employment approved by the Faculty of Economics before commencing Part II of the course;
- (c) give notice of his intended candidature at least six calendar months before the beginning of the term in which the candidate wishes to enrol;
- (d) 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
- (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 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.

‡ Amendment awaiting allowance at time of printing.

Allowed 16th March, 1961.

* These directions are published on page 585.

†† The Council authorised the Regulations to come into force on January 1, 1962.

Schedules made by the Council under Regulations 4 and 9

SCHEDULE I: COURSES OF STUDY

1. A candidate for the degree of M.B.M. shall complete and pass examinations in the following subjects or their equivalents (at Division I or higher standard where appropriate):

Part I:

Economics (Engineering) or Economics I;
Economics Statistics I;
Mathematics (Economics) or Mathematics I;
Accounting (Business Management) or Management Accounting;
Social and Political Institutions and Thought.

Part II:

Economic Institutions and Policy*;
Human Relations;
Economic and Accounting Analysis;
Business Statistics;
Decision-making.

2. A candidate shall not be admitted to Part II of the course unless his work and results in Part I have been deemed satisfactory by the Faculty of Economics.

3. Except in special cases approved by the Faculty, a candidate for the degree by part-time study shall plan his studies so that all the courses in Part II are completed within two years, each year's programme being subject to the approval of the Faculty.

4. Each candidate will be required to undertake during University vacations such studies as may be prescribed.

5. The thesis shall be submitted within two calendar years, but not earlier than twelve months, from the date of passing the examinations under Clause 1 of this schedule or from the date of approval of the subject of the thesis whichever is the later.

* It is the intention of the Faculty that a graduate who holds the Honours degree of Bachelor of Economics shall be given status in this subject.

SCHEDULE II: FEES

A. For each subject in Part I provided for another degree - - - - -	£24 0 0
For the seminar course in Part I and each seminar course in Part II - - - - -	16 0 0
B. On approval of the subject of the thesis - - -	16 0 0
C. On presentation or re-presentation of the thesis -	16 0 0
D. On admission to the degree - - - - -	10 10 0

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, and (c) 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 as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

††4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature.

*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. The Faculty of Science, if it approve the subject of his research, 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.

* Allowed 14th December, 1944; amended 15th January, 1959; further amendment awaiting allowance at time of printing.

† Amended 4th April, 1963.

†† Amendment awaiting allowance at time of printing.

‡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 18th October, 1956.

†† Allowed 16th March, 1961.

‡ Allowed 14th December, 1944.

† Amended 8th December, 1949.

Allowed 7th December, 1939.

** These directions are published on page 585.

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 of re-submission of the thesis	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE
REGULATIONS

*1. (a) Subject in each case to the applicant's academic qualifications being accepted by the Faculty of Agricultural Science as sufficient, the following persons may become candidates for the degree of Master of Agricultural Science: (i) Bachelors of Agricultural Science; (ii) other graduates.

(b) 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 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. 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.

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.

* Amended 16th March, 1961, and 4th October, 1962.

§ Amended 4th October, 1962.

†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.

‡ Allowed 18th October, 1956.

‡ Allowed 16th March, 1961.

Allowed 14th December, 1960.

* These directions are published on page 585.

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	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

OF THE DEGREE OF MASTER OF ENGINEERING
REGULATIONS

1. The following persons may be candidates for the degree of Master of Engineering—

(a) *To proceed under Regulation 3:*

(i) a candidate who has qualified in the University of Adelaide for the Honours degree of Bachelor of Engineering or for the Ordinary degree of Bachelor of Engineering at a standard which the Faculty deems sufficiently high; or

(ii) a candidate who holds in another University a qualification accepted by the Faculty of Engineering as equivalent to the Honours degree of Bachelor of Engineering in the University of Adelaide; or

(iii) a candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide and has had at least three years of appropriate practical engineering experience approved by the Faculty.

(b) *To proceed under Regulation 4:*

a candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide: provided that a candidate who has qualified for only the Ordinary Degree in the University of Adelaide may not present a thesis relating to research work carried out by him in a department of the University of Adelaide unless he had had three years' post-graduate professional experience before commencing his research in the Department.

2. 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 under Regulation 3 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.

3. To qualify for the degree under this Regulation a candidate shall—

(a) after consultation with the Head of the Department in which the work falls, submit in writing for approval by the Faculty a subject of advanced full-time study and research designed to extend over at least one calendar year;

(b) after approval of the subject by the Faculty undertake, within the University of Adelaide and under the direction of a supervisor or supervisors appointed by the Faculty, the course of advanced study and research;

(c) if so required by the Faculty pass an examination on his course of advanced study;

(d) present a thesis embodying the results of his research; and

(e) submit evidence satisfactory to the Faculty that he has had at least two years' appropriate practical engineering experience.

4. To qualify for the degree under this Regulation a candidate shall—

(a) submit in writing for approval by the Faculty of Engineering the subject on which he proposes to present a thesis;

- (b) not earlier than three academic terms after approval of the subject by the Faculty present a 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 enquiry or investigation made by him into some matter connected with engineering;
- (c) if so required by the Faculty, adduce evidence to its satisfaction of the originality of, and the degree of his responsibility for, his design or thesis;
- (d) if so required by the Faculty pass an examination, written or oral or both, in the field of study immediately relevant to his thesis; and
- (e) submit evidence satisfactory to the Faculty that he has had at least three years' practical experience in appropriate engineering work.
5. (a) 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.†
- (b) Unless the Faculty expressly approve an extension of time in a particular case the thesis shall be submitted within twelve academic terms from the date of approval of the candidate's subject by the Faculty.
- (c) On submission of the thesis the Faculty shall nominate examiners, who may recommend that the thesis—
- (i) be accepted; or
 - (ii) be sent back to the candidate for revision; or
 - (iii) be rejected.
6. The fees to be paid by candidates shall be prescribed from time to time by the Council, and the schedule of fees so prescribed shall be published in the University Calendar.
7. A candidate who fulfils the requirements of these regulations and satisfies the examiners under Regulation 5 may on the recommendation of the Faculty be admitted to the degree of Master of Engineering.

Awaiting allowance at time of printing.

NOTE: A candidate who had been accepted as a candidate for the degree under the Regulations operative prior to the allowance of these Regulations may under Clause 11 of Chapter XXV of the Statutes seek permission, by application in writing to the Registrar, to proceed to the degree under those Regulations. The time limit for such extension is three years from the date of repeal of those Regulations.

† These directions are published on page 585.

Schedule of Fees prescribed by the Council under Regulation 6

For supervision or work in the laboratory each year (if required or undertaken)—

Full-time students	-	-	-	-	-	-	£42	0	0
Part-time students	-	-	-	-	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	-	-	-	-	16	0	0
On entry for any examination required	-	-	-	-	-	-	16	0	0
On admission to the degree	-	-	-	-	-	-	10	10	0

OF THE DEGREE OF MASTER OF APPLIED SCIENCE
REGULATIONS

1. The following persons may become candidates for the degree of Master of Applied Science: (a) Bachelors of Applied Science, (b) Bachelors of Engineering, (c) Bachelors of Science, and (d) other graduates whose academic qualifications are accepted by the Faculty of Engineering as sufficient:

Provided that, subject to the approval of the Council, the Faculty of Engineering 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. Unless the candidate has obtained the Honours degree of Bachelor of Applied Science or of Engineering or of Science, he shall, before submitting his thesis as provided for in Regulation 5, pass such qualifying examination as the Faculty of Engineering may in the circumstances deem proper.

3. 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 Engineering 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.

4. A candidate who holds the Honours degree of Bachelor of Applied Science or Bachelor of Engineering or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Applied 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.

5. 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.

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 Engineering, if it approve the subject of his research, 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.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

8. A candidate 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.

9. A candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

10. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Engineering be admitted to the degree of Master of Applied Science.

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 4th October, 1962.

* These directions are published on page 585.

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 submission or re-submission of the thesis	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

**OF THE DEGREE OF MASTER OF LAWS
REGULATIONS**

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

†1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

**5. 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

† Allowed 7th December, 1939.

†† Allowed 18th October, 1956.

** Allowed 16th March, 1961.

Allowed 10th December, 1930.

‡ These directions are published on page 585.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the thesis - - - - -	£16 0 0
On entry for any examination required - - - - -	16 0 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.

° Amended 16th March, 1961.

‡ Allowed 16th March, 1961.

°° Repealed 16th March, 1961.

Allowed 17th December, 1959.

* These directions are published on page 585.

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) - -	16	0	0
On admission to the degree - - - - -	10	10	0

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^o.

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.†

Footnote to Regulation 2 [not forming part of the Regulations.]

* It is the intention of the Faculty of Dentistry that the Honours degree of Bachelor of Dental Surgery should be the normal avenue of entry to candidature for the degree of Master of Dental Surgery; but the following notes are printed for the information of those candidates wishing to take a qualifying examination in lieu of the Honours degree:

- (i) All such candidates must apply to the Faculty for permission to proceed to the degree. Each candidate must state in his application:
 - (a) whether he wishes to proceed to the degree by thesis or by examination;
 - (b) if by thesis, a general outline of the subject matter of his research or proposed research;
 - (c) if by examination, the special subject of dentistry in which he wishes to be examined.
- (ii) The Faculty will then consider the candidate's application and if it approves his candidature it shall:
 - (a) appoint a supervisor or supervisors to guide the candidate in his work, and
 - (b) inform the candidate of the form and nature of the qualifying examination he will be required to take.
- (iii) Intending candidates will appreciate that the standard of the qualifying examination will be equivalent to that for the Honours degree of Bachelor of Dental Surgery, which requires one year's full-time work.

Footnote to Regulation 4 [not forming part of the Regulations.]

† Intending candidates are strongly advised to seek employment under conditions approved by the Faculty.

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.

Allowed 16th March, 1961.

* These directions are published on page 585.

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	-	-	16	0	0
On presentation (or re-presentation) of a thesis	-	-	16	0	0
On admission to the degree	-	-	10	10	0

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.

† Allowed 16th March, 1961.

Allowed 15th January, 1959.

* These directions are published on page 585.

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	-	-	-	-	-	-	-	16	0	0
On entry for any examination required	-	-	-	-	-	-	-	16	0	0
On admission to the degree	-	-	-	-	-	-	-	10	10	0

OF THE DEGREE OF MASTER OF TOWN PLANNING
REGULATIONS

1. There shall be a degree of Master of Town Planning.
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 the preliminary work prescribed in the Schedules;
 - (c) obtain the approval of the Faculty of Architecture and Town Planning for his candidature.
3. To qualify for the degree a candidate shall:
 - (a) attend courses of study extending over a period of not less than one year of full-time work or three academic years of part-time work, and pass such examinations as are prescribed in the Schedules;
 - (b) satisfactorily complete practical work as prescribed in the Schedules;
 - (c) subsequently, as prescribed in the Schedules, present a satisfactory thesis on a subject approved by the Faculty of Architecture and Town Planning.
4. If in the opinion of the Faculty of Architecture and Town Planning 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.
5. A candidate shall not be permitted to present himself for examination or to submit his thesis unless he has regularly attended classes and has completed satisfactorily such written and practical work as may be required.
6. The Faculty of Architecture and Town Planning shall appoint a Board of Examiners to conduct the examinations required under Regulation 3.
7. Schedules defining the preliminary work, the courses of study for the degree, the practical work required, 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 Architecture and Town Planning and approved by the Council.
8. 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 examiners shall on the recommendation of the Faculty of Architecture and Town Planning be admitted to the degree.

* These directions are published on page 585.
Allowed 4th October, 1962.

Schedules made by the Council under Regulations 2, 3 and 7.**SCHEDULE I: PRELIMINARY WORK**

1. A person who holds one of the following qualifications, or a qualification deemed to be equivalent, will have satisfied the requirements of this Schedule:

Bachelor of Architecture

Bachelor of Engineering (in Civil or Electrical Engineering)

Bachelor of Economics

Bachelor of Laws

Bachelor of Arts (with Economics or Geography as a three-course subject for the degree)

Bachelor of Technology (in either Building Technology, Civil Engineering or Surveying).

2. Any other graduate may satisfy the requirements of this Schedule by passing in such subjects and/or carrying out such further work as may in his case be prescribed by the Faculty of Architecture and Town Planning.

SCHEDULE II: COURSES OF STUDY

1. A candidate for the degree of Master of Town Planning shall satisfactorily complete the following courses of study and practical work, and pass such examinations therein as may be prescribed by the Faculty of Architecture and Town Planning:

- (a) Theory and practice of town planning.
- (b) History of town planning.
- (c) Environmental design.
- (d) Elements of statistics.
- (e) Social and economic aspects of planning.
- (f) The law in relation to planning.
- (g) Physical basis of planning.
- (h) Engineering aspects of planning.

Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

2. For candidates undertaking the part-time courses the thesis required under Regulation 3 may not be submitted until six months after completion of the courses prescribed in Clause 1 of this Schedule.

3. Candidates undertaking the full-time course shall after completion of the courses prescribed in Clause I of this Schedule extending over one year of full-time study undertake further part-time work extending over at least twelve months and including: (a) at least six months' further practical work (in the form of projects dealing with the problems of survey, plan, and physical development) as may be prescribed by the Faculty of Architecture and Town Planning; and (b) at least six months' work associated with the preparation of the thesis prescribed under Regulation 3.

4. A candidate who desires that work which he has completed in the University or in another institution approved by the University for the purpose should be counted *pro tanto* for the degree of Master of Town Planning may, on written application, be granted such exemption from the requirements of this Schedule as the Council, on the advice of the Faculty of Architecture and Town Planning, shall determine.

SCHEDULE III: FEES

A. Annual fee for courses of study:					
For candidates by full-time study	-	-	-	£96	0 0
For candidates by part-time study	-	-	-	32	0 0
B. On approval of the subject of the thesis	-	-	-	16	0 0
C. On presentation or re-presentation of the thesis	-	-	-	16	0 0
D. On admission to the degree	-	-	-	10	10 0

3. REGULATIONS AND SCHEDULES FOR DOCTORATES

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, Dentistry and Science, and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations and schedules of the degree published after these notes.

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. In order to save delay in the appointment of examiners a candidate is advised to give three months' notice in writing, to the Registrar, of intention to submit a thesis.

(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* (Royal Society, London, 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) An acknowledgment of any help given or work carried out by another person or organisation; (vi) the main text; (vii) appendices, if any; (viii) 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 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.

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

° Amended 11th November, 1954, 22nd December, 1955, and 17th December, 1959.

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 and full-time members of the academic staff of the South Australian Institute of Technology who are engaged in teaching courses prescribed for a degree 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. Because of the specific responsibility of the South Australian Institute of Technology in the conduct of certain University courses, notwithstanding the provisions of Regulations 8 (a), 10 and 13 requiring the candidate to work in a department of the University, the Board may, on the recommendation of the Faculty of Engineering or the Faculty of Science, permit a candidate to carry out his work in a department of the South Australian Institute of Technology; provided that:

- (a) the candidate is a full-time member of the academic staff of the Institute;
- (b) the candidate is able to devote at least half of his time to his research; and
- (c) the Board is satisfied that facilities for the proposed course of study are available only in the Institute.

†15. Each candidate for the degree shall at the end of his approved course, or by the end of the twelfth term from his enrolment, present in such form as the Board prescribes^o 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

‡ Allowed 25th August, 1955.

† Allowed 16th March, 1961.

** Allowed 12th September, 1963.

within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in exceptional circumstances and by special permission of the Board on the recommendation of the Faculty, an extension of time after the twelfth term may be allowed. 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.

16. 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.

*17. 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.

° The attention of candidates is drawn to the "Notes and Instructions to Candidates" on page 612.

Schedules Made by the Council

I. ACADEMIC STANDING.

The academic standing under Regulation 6 required of a candidate for the degree is at present:

An Honours or Master's degree in any of the following: Agricultural Science, Applied Science, Architecture, Arts, Dental Surgery, Economics, Education, Engineering, Law, Science; the Honours degree of Bachelor of Medical Science; the following degrees together with one year of approved post-graduate research work: Bachelor of Dental Surgery, Bachelor of Medicine and Bachelor of Surgery.

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 exceptional circumstances and subject to the satisfactory completion of one year of approved post-graduate research work and subject also to the passing of a qualifying examination for a Master's degree in those faculties which make specific provision for such qualifying examination, a graduate with an Ordinary degree only may be accepted as a candidate for the degree of Doctor of Philosophy.

The attention of intending candidates is specially drawn to Regulation 8.

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 re-submission 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.

**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.

† Allowed 16th March, 1961.

• 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 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 December, 1936, and amended 10th January, 1946.

*° Allowed 16th March, 1961

‡ Allowed 18th October, 1956.

* Allowed 10th January, 1946.

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 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 or to a degree considered by the Council as equivalent thereto.

2. A candidate for the degree shall: (a) hold or have qualified for the honours degree of Bachelor of Laws; or (b) hold or have qualified for the degree of Master of Laws; or (c) have passed an examination approved by the Faculty of Law; provided that the Faculty of Law may accept in lieu of the foregoing an equivalent qualification obtained in any other University recognised by the University of Adelaide.

3. To qualify for the degree a candidate shall present a thesis on a subject of law proposed by him and approved by the Faculty of Law which (a) contains a substantial contribution to some branch of legal knowledge; (b) exhibits powers of original research and scholarship; and (c) whether or not previously published in full or in part shall in the opinion of the examiners merit publication as a book or monograph (other than as a collection of separate articles). Conjoint work, or a thesis previously accepted for a degree in this or in any other University, will not be accepted alone for the degree.

4. Every candidate may also present in support of his candidature other published books, monographs, or articles. If any of these publications record work carried out conjointly, the candidate shall state the extent to which he was responsible for the initiation and preparation of such publications.

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 2 B 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. The Faculty of Law shall nominate examiners. Normally there will be three examiners, two of them external to the University; but exceptions may be made in special cases recommended by the Faculty and approved by the Council.

7. The examiners may, if they think fit, examine the candidate either orally or by written questions on the subject matter of his thesis.

8. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Law, be admitted to the degree of Doctor of Laws.

9. 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 4th October, 1962.

Schedule of Fees prescribed by the Council under Regulation 9

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 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.

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.

* Allowed 11th November, 1954; amended 16th March, 1961.

°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.

• Allowed 16th March, 1961.

‡ Repealed 16th March, 1961.

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 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.

‡ Allowed 16th March, 1961.

‡ Repealed 16th March, 1961.

* 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

OF THE DEGREE OF DOCTOR OF MUSIC
REGULATIONS

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

°2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
- Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

‡5. The above examination shall be held, when required, in the month of November.

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 December, 1919.

‡Allowed 10th August, 1916.
Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the exercise - - - - -	£15 0 0
On entering for the Final Examination - - - - -	15 15 0
On admission to the degree - - - - -	10 10 0

4. REGULATIONS AND SCHEDULES OF DIPLOMAS OF THE DIPLOMA IN EDUCATION REGULATIONS

[NOTE: These regulations were 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 satisfies the requirements of Regulation 3 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 (82) 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.

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 14th December, 1950.

‡ Amended 17th December, 1959.

* Allowed 7th December, 1939; amended 9th January, 1958.

§ 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 - - - - -	£12 0 0	
(2) In Educational Psychology I and II—each part - - - - -	12 0 0	
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - -	12 0 0	
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures -	6 0 0	
C. For a special examination - - - - -	4 0 0	
D. For the course in Practical Teaching - - -	12 0 0	
E. For the Diploma - - - - -	5 5 0	

OF THE DIPLOMA IN EDUCATION
REGULATIONS

[NOTE: These regulations came 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 student 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 satisfies the requirements of Regulation 3 of those regulations by February 28, 1966.

* Amended 4th April, 1963

Allowed 16th March, 1961.

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 [New] (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 B (125).

Note: A candidate for the Diploma in Education who has been awarded the Associateship in Arts and Education under the Regulations and Schedules in force in 1960 will be exempted from History of Education I (122) and Practical Teaching and Methodology B (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 - - - -	£16	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - -	8	0	0
C. For a special examination - - - - -	6	0	0
D. For the course in Practical Teaching and Methodology B - - - - -	16	0	0
E. For the Diploma - - - - -	5	5	0

ASSOCIATE IN ARTS AND EDUCATION REGULATIONS

*1. To qualify as an Associate in Arts and Education a candidate shall:

- (a) have matriculated;
- (b) attend lectures regularly and pass examinations in—
 - (i) Education (101),
 - (ii) four other courses set out in Regulation 2 of the degree of Bachelor of Arts.
 - (iii) professional courses as set out in Schedule I.

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.

**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.

* Allowed 15th January, 1959.

† Allowed 16th December, 1948.

‡ Allowed 28th July, 1959.

** Allowed 15th January, 1959.

Allowed 10th July, 1947.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

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:

Educational Psychology IA (102);

Practical Teaching and Methodology A (103).

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.

1. The examination for the Fellowship shall comprise:—
 - (a) Three recitals, each to be given before an audience and each to occupy not less than one hour in performance;
 - (b) Performance with an orchestra of a concerto;
 - (c) Performance of two major works of chamber music.

Provided that a candidate in singing will be required to perform scenes and arias with orchestra chosen from at least two operas or oratorios, and to show that a complete study of a major role has been made in each of the operas or oratorios, in lieu of the concerto and chamber music prescribed under (b) and (c) above.

The whole examination shall be completed within a period of two calendar months.

2. The programme for the whole examination shall be representative of various schools and periods and shall be submitted to the Elder Professor of Music for approval at least two months before the examination begins.

3. The fee for examination shall be £21.

4. The fee for the Fellowship shall be £10/10/-.

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 Matriculation Examination and either (i) have obtained an A or B grade pass in Practical at the Seventh Grade, Theory at the Fifth Grade, and Musical Perception at the Fifth Grade of the examinations conducted by the Australian Music Examinations Board; or (ii) pass 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 in an approved principal subject either wholly in the University or partly in the University and partly in some other University or school of music approved for the purpose by the University and provided further that the final year shall in every case be spent in the University of Adelaide.

° Allowed 20th December, 1956; amended 16th March, 1961, and 4th October, 1962.

‡ Amended 9th January, 1958.

† Allowed 14th December, 1950; amended 16th March, 1961, and 4th October, 1962.

††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.

†† Amended 16th March, 1961.

* 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 (740)
2. Second Practical Study I (743)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763).

B. Vocal School

- | | |
|---|--|
| (a) Concert Singing
1. Chief Practical Study I (740)
2. Second Practical Study I (743)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Modern Languages I (760)
8. Speech Training I (767) | OR (b) Operatic Singing
1. Chief Practical Study I (740)
2. Drama I (746)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Modern Languages I (760)
8. Speech Training I (767) |
|---|--|

C. School Music

1. Chief Practical Study I (740)
(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 (773)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Principles of Class Music Teaching I (770)

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 (741)
2. Second Practical Study II (744)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Ensemble Playing I (776)
8. Accompanying (for students whose chief practical study is Pianoforte) (780).

B. Vocal School

- | | |
|--|---|
| (a) Concert Singing
1. Chief Practical Study II (741)
2. Second Practical Study II (744)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Modern Languages II (761)
8. Speech Training II (768) | OR (b) Operatic Singing
1. Chief Practical Study II (741)
2. Drama II (747)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Modern Languages II (761)
8. Speech Training II (768) |
|--|---|

C. School Music

1. Chief Practical Study II (741)
2. Scope of School Music II (774)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Principles of Class Music Teaching II (771)
8. Ensemble Playing I (776)
9. Accompanying (780)

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 (742)
2. Second Practical Study III (745)
3. Ensemble Playing II (777)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Concerto (784)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (794).

B. Vocal School

- | | | |
|---|-------------------------|---|
| <p>(a) Concert Singing</p> <ol style="list-style-type: none"> 1. Chief Practical Study III (742) 2. Second Practical Study III (745) 3. Modern Languages III (762) 4. Practical Tests III (765) 5. Musical Criticism and Aesthetics (795) 6. Literature of Music (792) 7. Concerto (784) | OR (b) Operatic Singing | <ol style="list-style-type: none"> 1. Chief Practical Study III (742) 2. Drama III (748) 3. Modern Languages III (762) 4. Practical Tests III (765) 5. Musical Criticism and Aesthetics (795) 6. Literature of Music (792) 7. Concerto (784) |
|---|-------------------------|---|

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (794).

C. School Music

1. Chief Practical Study III (742)
2. The Scope of School Music III (775)
3. Ensemble Playing II (777)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Principles of Class Music Teaching III (772)
8. Concerto (784).

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	£5 0 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	84 0 0
C. For Chief Practical Study taken separately - - -	54 0 0
For Second Practical Study taken separately - - -	27 0 0
For each other subject taken separately - - -	16 0 0
Up to a maximum of the annual fee of £84 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 - - - - -	8 0 0
E. For the diploma - - - - -	5 5 0

OF THE DIPLOMA IN PUBLIC ADMINISTRATION
REGULATIONS

1. There shall be a diploma in Public Administration.

‡2. A candidate for admission to the course for the diploma shall be matriculated; provided that until March 31, 1963, a candidate may alternatively fulfil the educational requirements for admission by complying with the requirements in force in 1961.*

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 a degree may count towards the degree subjects which he has already presented for the diploma provided:

- (a) that he matriculates before undertaking any further studies in the University;
- (b) that he fulfils the requirements for the degree in all respects, and
- (c) that if the number of subjects counted towards the degree exceeds four, he surrenders his diploma before being admitted to the degree.

* Note (not forming part of the Regulations): the University will consider applications for modification of the admission requirements from candidates who have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organisation or enterprise approved by the Faculty.

‡ Amended 4th April, 1963.

‡ Allowed 4th October, 1962.
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 (64);
 Social Economics (170) *or* Economics I (171) with the approval of the Dean;
 Public Finance (174);

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 Development II;
 Mathematics (Economics);
 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 (including part B of the syllabus) 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 - - - - -	£12	0	0
C. For a supplementary examination in Public Finance	4	0	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 (661 and 662); Pharmacy I (663, 664 and 665); Organic Chemistry (671); Practical Pharmacy (672); Biology (270); Botany and Pharmacognosy (681); Pharmacy II (682, 683 and 684); Pharmacy III (691, 692 and 693); and Pharmacy IV (694, 695, 696, and 697).

††(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.

‡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.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

§ Allowed 11th November, 1954.

* Allowed 10th December, 1936.

‡ Allowed 20th December, 1956.

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.

**8. Only those candidates who had entered upon the course for the diploma in Pharmacy in or before the academic year 1964 will be permitted to enrol in the course for the diploma after December 31, 1964. Such students will be eligible to proceed to the diploma under these Regulations provided that they qualify for the diploma not later than March 31, 1969, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

† Allowed 18th October, 1956.

** Awaiting allowance at time of printing.

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.

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 11th November, 1954; amended 16th March, 1961.

Allowed 16th December, 1948.

† Allowed 16th March, 1961.

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): £168 payable in two annual instalments of £84 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 (321) | - | - | - | £24 0 0 |
| Hygiene (105) | - | - | - | 12 0 0 |
| Body Mechanics (153) | - | - | - | 8 0 0 |
| First Aid (154) | - | - | - | 2 0 0 |
| Practice of Physical Education (155) | - | - | - | 16 0 0 |
| History of Education (163) | - | - | - | 12 0 0 |
| Practical Work, Part I (164) | - | - | - | 24 0 0 |
| Third-year Course: | | | | |
| Human Physiology (156) | - | - | - | £24 0 0 |
| Human Nutrition (287) | - | - | - | 12 0 0 |
| Clinical Observation and Remedial Work (157) | - | - | - | 12 0 0 |
| Principles of Physical Education (158) | - | - | - | 16 0 0 |
| Physiological Psychology (167) | - | - | - | 12 0 0 |
| Practical Work, Part II (166) | - | - | - | 24 0 0 |
| E. For each section of either part of the Practical Work | | | | 6 0 0 |
| F. For the course in Practical Teaching (168) | - | - | - | 12 0 0 |
| G. For a supplementary examination in any subject | - | - | - | 8 0 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 of study for the Diploma shall:
 - (a) be a graduate of the University or of another University accepted for the purpose by the University, and have completed to the satisfaction of the Council such preliminary courses of study as may be prescribed in the Schedules; or
 - (b) be qualified to matriculate.*
3. To qualify for the diploma:
 - (a) a candidate who has been admitted as a graduate shall 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 a course of practical instruction extending over at least six months;
 - (b) a candidate who has been admitted otherwise than as a graduate shall satisfactorily complete a course of full-time study extending over at least three years, or of part-time study extending over at least five years.
4. Schedules defining the course of study, including lectures and practical work, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Social Studies and submitted to the Council. Such Schedules shall become effective from the date of approval by the Council or such other date as the Council may determine, and shall be published as soon as practicable after that approval has been given.
5. A candidate who has completed equivalent work elsewhere may on application be granted such exemption from the requirements of these Regulations as the Council shall determine.
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.

Awaiting allowance at time of printing.

Notes (not forming part of the Regulations):

* (a) The University will consider applications for modification of the admission requirements in the case of candidates who are at least twenty-five years of age, who have had social work experience satisfactory to the Board, who in the opinion of the Board are of sufficient ability, and for whom insistence on the full matriculation requirements would be an undesirable hardship.

(b) A holder of the Diploma may wish to proceed to a degree and to count towards the degree appropriate subjects (if any) already presented for the Diploma. The attention of any such Diploma holder is drawn to the Regulations and Schedules of the degree concerned, and to Clause 7 of Chapter XXIV of the Statutes.

Schedule I: Preliminary Courses of Study for Graduates

A candidate shall not be admitted as a graduate to the course of study for the diploma unless

- (a) he has satisfied the examiners in:
- (i) three of the following subjects or their equivalents; *or*
 - (ii) two of these subjects and a second-year subject in sequence with one of them:
 - History IB (51) or Politics (61) or Philosophy I (71);
 - Social Economics (170) or Economics I (171);
 - Psychology I (81) or Psychology IA (82);
 - Biology (270);
- or (b) he has taken special courses of study, and has passed special examinations, in subjects prescribed by the Board of Studies. Such courses of study shall be determined by the Heads of the Departments concerned, who shall undertake the necessary examining, and will normally extend over not less than two months. The examinations will be held in or about March.

Schedule II: Courses of Study for Graduates

A candidate who has been admitted as a graduate shall, unless exempted by the Board, regularly attend lectures, do such written and practical work as may be prescribed, and pass examinations in the following subjects:

- Sociology (144);
- Social Organisation (146);
- Social Work II (147).

He shall also, unless exempted by the Board, regularly attend such courses of instruction and satisfactorily complete such written and practical work as may be prescribed in:

- Social Work I (145);
- Field Work B (148).

Provided that graduates who by March 31, 1964, had passed in the subject Social Work I under the regulations and schedules in force in 1963 may complete their course for the Diploma in Social Studies under those regulations and schedules provided that they do so by March 31, 1967.

Courses of study must be approved by the Head of the Department of Social Studies at enrolment each year.

Schedule III: Courses of Study for Undergraduates

A candidate shall, unless exempted by the Board, regularly attend lectures, do such written and practical work as may be prescribed, and satisfy the examiners in the following subjects:

First Year:

- History IB (51) or Politics I (61) or Philosophy I (71);
- Psychology I (81) or Psychology IA (82);
- Social Economics (170) or Economics I (171);*
- Biology (270) or Human Biology (321).

* A candidate may with the special permission of the Board substitute Politics I for a course in Economics.

Second Year:

Sociology (144);
 Social Work I (145);
 Psychology IIB (84) or another second-year subject.

Third Year:

Social Organisation (146);
 Social Work II (147);
 Field Work A (143).

Provided that candidates who by March 31, 1964, had passed in the subject Social Work I under the regulations and schedules in force in 1963 may complete their courses for the Diploma in Social Studies under those regulations and schedules provided that they do so by March 31, 1967.

Provided also that candidates, who have enrolled under the regulations and schedules in force in 1963, may complete their course for the diploma in Social Studies under this Schedule III.

Courses of study must be approved by the Head of the Department of Social Studies at enrolment each year.

Schedule IV: 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 Work II	-	-	-	-	£36 0 0
	In Field Work	-	-	-	-	12 0 0
	In each other subject	-	-	-	-	24 0 0
C. For attendance as a graduate without examination in Social Work I						
	-	-	-	-	-	12 0 0
D. 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.

*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 had 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 17th December, 1959.

Allowed 9th August, 1945.

Note: A holder of the Diploma may wish to proceed to a degree and to count towards the degree appropriate subjects already presented for the Diploma. The attention of any such holder of the Diploma is drawn to the Regulations of the degree in question and to Clause 7 of Chapter XXIV of the Statutes.

Schedules made by the Council under Regulation 3.**Schedule I: Subjects.**

The subjects of study shall be:

First Year:

Anatomy I (711).
 Physiology (715).
 Physics (714).
 Treatment I (713).
 Movement I (712).
 Psychology IA (82).

Second Year:

Anatomy II (721).
 Treatment II (723).
 Movement II (722).
 Pathology (725).
 Electrotherapy I (724).
 Practice of Hospital Work I (726).

Third Year:

Treatment III (733).
 Movement III (732).
 Electrotherapy II (734).
 Practice of Hospital Work II (736).

Schedule II: Fees.

- | | | | |
|---|-----|---|---|
| A. For each year's work, including one annual examination | £84 | 0 | 0 |
| B. For a supplementary examination in any subject - - | 8 | 0 | 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.

5. 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 also includes the Statutory Annual Fee and the General Service Fee, which are payable by all undergraduates and candidates for diplomas, and other incidental fees. It does not include hospital fees payable by medical students.

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	.....	.....	.....	.....	.....	10	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
----------------------------------	-------	-------	-------	-------	-------	----	---	---

Engineering:

Civil Engineering, First Survey Camp	.....	.....	.....	.....	.....	9	0	0
Civil Engineering, Second Survey Camp	.....	.....	.....	.....	.....	14	0	0
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.

FEES PAYABLE BY ALL STUDENTS TAKING A COURSE FOR A
BACHELOR'S DEGREE OR FOR A DIPLOMA.

(Unless exempted by the Council.)

The following fees are payable in one amount with the first term's tuition fees:

Fee on signing Students' Roll (first year only) ...	£3	3	0
Statutory Annual Fee (full-time students) ..	13	10	0
General Service Fee:			
Arts-type Courses	6	0	0
Science-type Courses	9	0	0

The statutory Annual Fee entitles students to membership of the University Union (the Students' Club), with the use of such Union Buildings and facilities as the Refectory, the Union Hall, the Lady Symon Building for women and the George Murray Building for men; to take full part in the activities of the Students' Representative Council and of the University Sports Association; and to avail themselves of the University Health Service.

For part-time students the Statutory Annual Fee may be reduced. Students who pay a reduced fee are entitled to all the privileges available to full-time students, except for membership of the Sports Association. Every part-time student who plays sport must pay the full Statutory Annual Fee.

The General Service Fee includes such charges as those for lecture notes, laboratory deposits, hire of microscopes, special material, one-day excursions and library borrowing privileges.

INCIDENTAL FEES

<i>Late Fee</i> payable on submission of late enrolment	£5	0	0
<i>Late Fee</i> payable on late payment of tuition fees:			
for each week or part of a week beyond the end of the first fortnight of the respective term	1	0	0
<i>Late Fee</i> payable on submission of late entry for examination	5	0	0

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

I. DEGREE OF BACHELOR OF ARTS

A. Ordinary Degree of B.A.:

- | | | | |
|---|-----|---|---|
| (1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - - | £24 | 0 | 0 |
| (2) For a special examination in any course - | 8 | 0 | 0 |
| (3) for an annual examination with exemption from attendance or re-attendance at lectures | 12 | 0 | 0 |
| (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 German IIB and IIIB - - - -	£24	0	0
(3) For Honours Mathematics III - - -	48	0	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 Language and Literature, Psychology, each - - - -	96	0	0
(5) For the examination in a language other than English approved by the Faculty -	6	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. 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 - - - -	£24	0	0
(3) For a special examination in any subject -	8	0	0
(4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - -	12	0	0
B. For the Honours work and final Honours examination in Economics - - - -	96	0	0

III. 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, Mathematical Statistics I, Mathematical Statistics II and Mathematical Physics A: each - - - -	£24	0 0
(2) Honours Mathematics III -	48	0 0
(3) General Physics, Physics I, Chemistry I, Geology I, Botany, I, Zoology I and Biology: each - - - -	24	0 0
		£6 0 0

	Lectures	Practical Work
(4) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Cell Physiology, Botany II, Geology II, Zoology II, Physiology I, Genetics I and Psychology I (S): each -	24 0 0	12 0 0
(5) Physics III, Physics IIIH, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry, Geology III, Botany III, Zoology III, Microbiology, Physiology II, Genetics II, Histology, and Psychology II (S) each -	24 0 0	30 0 0
(6) Special Subjects:		
Agricultural Economics -	£24 0 0	
Soil Science IA - - -	24 0 0	£12 0 0
Palaeontology - - -	24 0 0	12 0 0
Botany IIA - - -	24 0 0	24 0 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - -	54 0 0	
Science German (for candidates other than Honours students) - - -	6 0 0	

B. For the Honours Degree:

For the final-year Honours work and the final examination in any subject - - -	£96 0 0
--	---------

Note: The foregoing amount, which does not include the fees for pass work, is 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) - - -	8 0 0
---	-------

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.

IV. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

A. For the Ordinary Degree:

(1) For each year's work, including one annual examination - - - - -	£108 0 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	8 0 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 - - - - -	96 0 0
--	--------

V. 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 - - - - -	£24 0 0
Practical - - - - -	12 0 0

C. For a special examination (theoretical or practical or both) in any University subject - - - - - 8 0 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.

VI. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

A. For attendance (or re-attendance) at lectures and examination in Legal History - - - - -	£12 0 0
B. For attendance (or re-attendance) at lectures and examination in each other legal subject of the course - - - - -	24 0 0
C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	8 0 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 the additional examination required for the Honours degree of Bachelor of Laws - - - - -	24 0 0
F. For the Final Certificate - - - - -	5 5 0
G. For a supplementary examination in any subject - - - - -	8 0 0
H. For attendance at the course of lectures in Taxation Law - - - - -	12 0 0

VII. 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	£135	0 0
(2) In each of the fourth, fifth and sixth years	120	0 0
B. For a supplementary examination:		
(1) In any single subject - - - -	8	0 0
(2) In any group of subjects - - - -	16	0 0

VIII. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Honours degree - - - -	£96	0 0
---	-----	-----

IX. 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 Degree - - -		
	£120	0 0
B. For attendance at lectures, practical work and a Final Examination (not being an annual examination) - - - - -		
	60	0 0
C. For a supplementary examination in Clinical Dentistry I - - - - -		
	16	0 0
D. For a supplementary examination in any other subject - - - - -		
	8	0 0
E. For the year's Honours work and examination -		
	96	0 0

X. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required - - - - -		
	£5	0 0
B. For each year's work and examination - - -		
	84	0 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree - - -		
	16	0 0
D. For a supplementary examination in any subject of a year's work - - - - -		
	8	0 0
E. For admission to the degree - - - - -		
	5	5 0
F. For subjects taken separately: £16 up to a maximum of the annual fee of £84 for the full year's course.		

XI. DEGREE OF BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:		
(1) For each year's work, including one annual examination - - - - -	£108	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	8	0 0
(3) For subjects taken separately: £24 each up to a maximum of the annual fee of £108 for the full year's course.		
B. For the Honours degree:		
For the additional Honours work and examination	36	0 0

XII. DEGREE OF BACHELOR OF TECHNOLOGY

A. For attendance at lectures, practical work, and annual examination: the fees prescribed in the schedule of subjects for the degree.			
B. For a special or supplementary examination (theoretical or practical or both) in any subject - - -	£8	0	0
C. 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 - - - -	16	0	0
D. For admission to the degree - - - - -	5	5	0

XIII. 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	£96	0	0
C. For a special or supplementary examination (theoretical or practical or both) in any subject - - -	8	0	0
D. For admission to the degree - - - - -	5	5	0

XIV. DEGREE OF BACHELOR OF PHARMACY

A. For attendance at lectures, practical work and annual examinations: the fees prescribed in the schedule of subjects.			
B. For a special examination (theoretical or practical or both) in any subject - - - - -	£8	0	0
C. For admission to the degree - - - - -	5	5	0

XV. 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. - - - - -	£48	0	0
(2) For guidance without instruction - - - - -	24	0	0
B. Under Regulation 3: On approval of the subject of the thesis or on beginning the course of study - - - - -	16	0	0
C. On submission or re-submission of the thesis - - - - -	16	0	0
D. On admission to the degree - - - - -	10	10	0

XVI. DEGREE OF MASTER OF EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - -	£24	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	12	0	0
C. For a special examination - - - - -	8	0	0
D. On submission or re-submission of the thesis - - - - -	16	0	0
E. On admission to the degree - - - - -	10	10	0

XVII. 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 - - - - -	£48 0 0
(2) For guidance without instruction - -	24 0 0
B. On approval of the subject of the thesis - -	16 0 0
C. On submission or re-submission of the thesis - -	16 0 0
D. On admission to the degree - - - - -	10 10 0

XVIII. DEGREE OF MASTER OF BUSINESS MANAGEMENT

A. For each subject in Part I provided for another degree - - - - -	£24 0 0
For the seminar course in Part I and each seminar course in Part II - - - - -	16 0 0
B. On approval of the subject of the thesis - -	16 0 0
C. On presentation or re-presentation of the thesis -	16 0 0
D. On admission to the degree - - - - -	10 10 0

XIX. 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 - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XX. 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 - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXI. DEGREE OF MASTER OF ENGINEERING

For supervision or work in the laboratory each year (if required)—	
for full-time students - - - - -	£42 0 0
for part-time students - - - - -	21 0 0
On presentation or re-presentation of the thesis - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXII. DEGREE OF MASTER OF APPLIED 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 - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXIII. DEGREE OF MASTER OF LAWS

On presentation of the thesis - - - - -	£16 0 0
On entry for any examination required - - - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXIV. DEGREE OF MASTER OF SURGERY

On presentation of the thesis - - - - -	£31 10 0
On entry for the oral examination (if required) - - - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXV. 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 - - - - -	16 0 0
D. On presentation (or re-presentation) of a thesis -	16 0 0
E. On admission to the degree - - - - -	10 10 0

XXVI. 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 - - - - -	16 0 0
On entry for any examination required - - - - -	16 0 0
On admission to the degree - - - - -	10 10 0

XXVII. DEGREE OF MASTER OF TOWN PLANNING

A. Annual fee for courses of study	
for candidates by full-time study - - - - -	£96 0 0
for candidates by part-time study - - - - -	32 0 0
B. On approval of the subject of the thesis - - - - -	16 0 0
C. On presentation or re-presentation of the thesis -	16 0 0
D. On admission to the degree - - - - -	10 10 0

XXVIII. 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

XXIX. 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

XXX. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXXI. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXXII. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXXIII. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXXIV. 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

XXXV. DIPLOMA IN EDUCATION (OLD REGULATIONS)

A. For attendance (or re-attendance) at lectures and annual examination:	
(1) In Hygiene - - - - -	£12 0 0
(2) In Educational Psychology I and II— each part - - - - -	12 0 0
(3) In the Principles of Education (Pre- Primary, Primary or Secondary) I, II and III—each part - - - - -	12 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	6 0 0
C. For a special examination - - - - -	4 0 0
D. For the course in Practical Teaching - - - - -	12 0 0
E. For the Diploma - - - - -	5 5 0

XXXVA. DIPLOMA IN EDUCATION (NEW REGULATIONS)

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - - -	£16 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	8 0 0
C. For a special examination - - - - -	6 0 0
D. For the course in Practical Teaching and Methodology - - - - -	16 0 0
E. For the Diploma - - - - -	5 5 0

XXXVI. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination - - - -	£21 0 0
For the Fellowship - - - - -	10 10 0

XXXVII. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required - - - - -	£5 0 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	84 0 0
C. For Chief Practical Study taken separately - -	54 0 0
For Second Practical Study taken separately - -	27 0 0
For each other subject taken separately: £16 up to a maximum of the annual fee of £84 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 - - - - -	8 0 0
E. For the diploma - - - - -	5 5 0

XXXVIII. 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 - - - - -	£12 0 0
C. For a supplementary examination in Public Finance - - - - -	8 0 0
D. For the diploma - - - - -	5 5 0

XXXIX. DIPLOMA IN PHARMACY

For the diploma - - - - -	£5 5 0
---------------------------	--------

XL. 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): £168 payable in two annual instalments of £84 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 - - - - -	£24 0 0
Hygiene - - - - -	12 0 0
Body Mechanics - - - - -	8 0 0
First Aid - - - - -	2 0 0
Practice of Physical Education - - - - -	16 0 0
History of Education - - - - -	12 0 0
Practical Work, Part I - - - - -	24 0 0

Third-year Course:			
Human Physiology	-	-	24 0 0
Human Nutrition	-	-	12 0 0
Clinical Observation and Remedial Work	-	-	12 0 0
Principles of Physical Education	-	-	16 0 0
Physical Psychology	-	-	12 0 0
Practical Work, Part II	-	-	24 0 0
E. For each section of either part of the Practical Work	-	-	6 0 0
F. For the course in Practical Teaching	-	-	12 0 0
G. For a supplementary examination in any subject	-	-	8 0 0
H. For the Diploma	-	-	5 5 0

XLI. 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 Work II	-	-	£36 0 0
In Field Work	-	-	12 0 0
In each other subject	-	-	24 0 0
C. For attendance as a graduate without examination in Social Work I	-	-	12 0 0
D. For the Diploma	-	-	5 5 0

XLII. DIPLOMA IN PHYSIOTHERAPY

A. For each year's work, including one annual examination	-	-	£84 0 0
B. For a supplementary examination in any subject	-	-	8 0 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.

6. RULES

RULES FOR THE UNIVERSITY LIBRARY

I. OPENING AND CLOSING OF THE LIBRARY.

1. Except on Saturdays, Sundays, public holidays and such other occasions as the Council may direct that it be closed, the Library shall be open daily from 9 a.m. to 5 p.m. It shall also be open on Saturdays from 9 a.m. to 12 noon and on such evenings as the Library Committee may direct.

II. PERSONS ENTITLED TO USE THE LIBRARY.

2. The following persons may use the Library for reading purposes:—

- Members, and past members, of the University Council.
- Graduates of the University or of Universities recognised by the University.
- Members, full-time or part-time, of the academic staff of the University, and members of any Faculty or Board of Studies of the University.
- Officers of the administrative staff.
- The Heads and Deputy Heads of Affiliated Colleges.
- Technical Officers, Graduate Assistants, Laboratory Stewards and Senior Technical Assistants.
- Students enrolled for courses of study in the University.

3. Other persons who desire to use the Library for the purposes of study may, on application to the Librarian, be permitted by the Library Committee to use it for specified periods.

III. CONDUCT OF READERS.

4. Books are not to be removed from the Library, except in accordance with the provisions of Section IV.

5. Books taken from the shelves are not to be replaced thereon, but left on the tables or at locations designated.

6. (a) Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure a book in any 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. The Librarian may impose a fine not exceeding £2 for any breach of discipline, misconduct or breach of the rules, or he may report any misconduct or offence to the Board of Discipline for such action as the Board may think fit. If he impose a fine 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.

(b) Bags or cases may not be taken into the Library.

(c) Smoking in the Library building is not permitted, except in the rooms prescribed by the Committee.

IV. BORROWING OF BOOKS.

7. The following persons may borrow books and periodicals:—

- (a) Members and past members of the Council.
- (b) Professors, Readers, Senior Lecturers, Lecturers, Senior Tutors, Senior Demonstrators, Tutors, Demonstrators, Post-doctoral Fellows and other persons of equivalent status holding full-time or part-time teaching or research appointments in the University.
- (c) The Registrar and members of the staff of the Registrar's Department whose status is that of an Administrative Assistant or higher, and administrative officers in other sections or departments of the University of equivalent status.
- (d) The Heads and Deputy Heads of Affiliated Colleges.
- (e) Technical Officers, Graduate Assistants, Laboratory Stewards and Senior Technical Assistants.
- (f) Such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve.

8. (a) Postgraduate students enrolled as candidates for higher degrees may borrow books (and periodicals in accordance with Section IV. 16) on lodging with the Registrar's Department a deposit of £2 in security for the due return of books and payment of any fines or penalties that may be incurred.

(b) Undergraduates and students proceeding to diplomas in the University who have paid the General Service Fee appropriate to their course may borrow books, but not periodicals, without lodging a deposit.

(c) Graduates of the University or of other Universities approved by the University and such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve may borrow books, but not periodicals, from the Barr Smith Library only, on lodging the deposit referred to in section (a) of this Clause and on paying in addition an annual fee of £1/1/0.

(d) The deposit required of borrowers named in section (a) or (c) of this Clause will, subject to any deductions incurred in accordance with these rules, be returned to the borrower on application in writing to the Librarian. The application shall include a statement that the borrower wishes no longer to borrow.

(e) Borrowing under this Clause 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. A borrower who fails to comply with this condition will 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. The penalty for detention of such books beyond the specified time will be one shilling a volume a day.
- (iv) Temporarily reserved books may be borrowed on a week-night between 8.30 p.m. and 9.45 p.m. until 9.15 a.m. on the following morning, and between 11 a.m. and 11.45 a.m. on a Saturday until 9.15 a.m. on the following Monday. A borrower who fails to comply with this condition will incur a penalty of one shilling a volume for each hour of detention beyond the specified time.
- (v) Volumes borrowed personally from the Library must be returned to the Library by hand. The penalty for return by any other means (e.g. by post) will be one shilling a volume.

9. 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 Clause will render the borrower liable to a fine of up to five pounds for each volume.

10. Notwithstanding Clause 8 (e) (ii) above, the Librarian may recall a book at any time, and thereupon the book shall be returned within three days of the date of the notice. A borrower who fails to return the book within the three days allowed will incur a fine of sixpence a volume for each day of detention beyond the three.

11. 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.

12. 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.

13. 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 use the Library will be suspended.

14. No book shall be borrowed until it has been in the Library seven days. Otherwise, any book except those specially reserved may be borrowed. Specially reserved books may be borrowed only by permission of the Library Committee.

15. 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.

16. Only persons named in Section IV. 7 are entitled to borrow periodicals, bound or unbound. Other members of the teaching and research staff and postgraduate students may borrow bound and unbound periodicals on production of a general certificate of approval by the Head of the Department concerned. Honours students may borrow such bound volumes of periodicals as are approved by the Head or Deputy Head of the Department concerned; such approval to be given on a prescribed form in each case.

17. Books may be borrowed until half an hour before closing time on week-days and until quarter of an hour before closing time on Saturdays.

18. 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.

19. The Council may vary any of the foregoing rules at any time either in specific cases or generally.

V. RULES FOR THE ELDER CONSERVATORIUM LIBRARY

20. 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.

21. 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

22. Medical graduates who are members of the Australian Medical Association (S.A. Branch), dental graduates who are members of the Australian Dental Association (S.A. Branch) and members of the Australian Physiotherapy Association (S.A. Branch) shall be entitled to use the Medical Library in accordance with the terms of the Agreements between the Branches and the University. The Agreements may be seen in the Medical Library.

23. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council, November, 1962.

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 FOR STUDENTS USING 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. Footwear which may damage the floor must not be worn.

2. *Persons entitled to use the room*

The room is available for use by students enrolled for second-year or subsequent subjects in the Departments of Economics and Commerce.

3. *Times of use*

During the academic year the room will be open between 9 a.m. and 10 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 desk of the Supervisor 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, II or Final Honours, permission to use specific machines for 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 the powerpoint.

6. *General*

Any student not observing the above rules shall be subject to disciplinary action.

Approved by the Council, April, 1961.

RULES FOR THE CONDUCT OF EXAMINATIONS

1. No candidate will be allowed to enter the examination room during any examination more than half-an-hour after the time fixed for the beginning of the written or practical work in that examination.

2. No candidate will be allowed to leave the examination room during any examination before half-an-hour has elapsed from the time fixed for the beginning of the written or practical work in that examination, nor during the last quarter of an hour.

3. Any candidate who shall leave the examination room shall be allowed to return to it during that examination only at the absolute discretion of the Officer-in-Charge. A candidate who wishes to leave the room temporarily *must therefore obtain the consent of a Supervisor before doing so.*

4. The attention of candidates is drawn to the following statute:

“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 examination or otherwise, as the Council may determine.”

5. When the five-minute warning before the end is given, all *candidates must remain seated* until their books have been collected. No candidate may leave his or her seat until all answers have been collected and the announcement is made that candidates may leave the room.

INSTRUCTIONS TO CANDIDATES

1. Read carefully the directions printed on the front of the examination answer book and any directions that may be printed at the head of the examination paper.

2. Communicating with Examiners prior to the publication of the examination results is forbidden. Candidates who feel that they have a genuine claim for enquiry should state their cases in writing to the Registrar.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1964

PART V

Syllabuses—	PAGE
Arts and Education - - - - -	753
Social Studies - - - - -	808
Physical Education - - - - -	811
Economics and Commerce - - - - -	814
Science - - - - -	829
Agricultural Science - - - - -	858
Engineering - - - - -	868
Medicine - - - - -	893
Law - - - - -	902
Dentistry - - - - -	909
Pharmacy (Diploma) - - - - -	916
Physiotherapy - - - - -	920
Music - - - - -	926
Architecture and Town Planning - - - - -	936
Technology and Applied Science - - - - -	954
Pharmacy (Degree) (not available in 1964) - - - - -	996
Time-tables - - - - -	999

SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1964.

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.

0. 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, *Odyssey*, book IX: ed. Stanford (Macmillan).
Herodotus, *book II*; ed. Waddell (Methuen).
Euripides, *Hippolytus*; ed. Thompson and Hayes (University Tutorial Press).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

2. 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*; or
 Bury, J. B., *History of Greece* (Macmillan, 1956).
 Cary, M., *History of Rome* (Macmillan).

For reference:**Greece:**

- Cambridge ancient history* (C.U.P., vols. IV-V).
 Andrewes, A., *The Greek tyrants* (Hutchinson).
 Cook, R. M., *The Greeks till Alexander* (Thames and Hudson).
 Grundy, G. B., *Thucydides and the history of his age*, Vol. I (Blackwell).
 Hignett, C., *History of the Athenian constitution* (O.U.P., 2nd edition).
 Hignett, C., *Xerxes' invasion of Greece* (O.U.P.).
 Zimmern, A. E., *The Greek commonwealth* (O.U.P.).
 Thucydides (translated R. Warner) (Penguin Classics).
 Herodotus (translated A. de Selincourt) (Penguin Classics).

Roman Republic:

- Heitland, W. E., *The Roman republic* (Vols. II-III, C.U.P.).
Cambridge ancient history, Vols. VIII-X (C.U.P.).
 Smith, R. E., *The failure of the Roman republic* (C.U.P.).
 Scullard, H. M., *From the Gracchi to Nero* (Methuen).
 Holmes, T. Rice, *The Roman republic and the founder of the empire*
 (O.U.P.).
 Cowell, F. R., *Cicero and the Roman republic* (Pelican).
 Appian, *Roman history* (Vols. III-IV, Loeb).
 Plutarch, *Fall of the Roman republic* (Penguin).
 Cicero, *Letters* (ed. Wilkinson, Arrow Paper-back).

Roman Empire:

- Velleius Paterculus, C., *Historia Romana and Res Gestae Divi Augusti*,
 ed. F. W. Shipley (Loeb, Heinemann).
 Tacitus, *Dialogus de oratoribus*, ed. W. Peterson (Loeb, Heinemann);
Historiae, ed. C. I. Moore, 4 vols. (Loeb, Heinemann).
 Suetonius, *Opera quae extant*, ed. J. C. Rolfe, 2 vols. (Loeb, Heinemann).
 Dio Cassius, *Historia Romana*, ed. E. Cary, vols. VI-VIII (Loeb,
 Heinemann).
Cambridge ancient history (C.U.P., Vols. X-XI).
 Syme, R., *The Roman revolution* (Oxford Paper-backs).
 Marsh, F. B., *The reign of Tiberius* (O.U.P.).
 Balsdon, J. P. V. D., *The emperor Gaius* (O.U.P.).
 Momigliano, A., *Claudius the emperor and his achievement* (O.U.P.).
 Henderson, B. W., *The life and principate of the emperor Nero* (Methuen).
 Henderson, B. W., *Civil war and rebellion in the Roman empire* (Mac-
 millan).
 Henderson, B. W., *Five Roman emperors: Vespasian, Titus, Domitian,
 Nerva, Trajan* (C.U.P.).
 Lepper, F. A., *Trajan's Parthian war* (O.U.P.).
 Henderson, B. W., *The life and principate of the emperor Hadrian*
 (Methuen).
 Grant, M., *Roman history from coins: some uses of the imperial coinage
 to the historian* (C.U.P.).

3. Greek II.

- (a) Prose composition.
 (b) Unprepared translation.
 (c) Sophocles, *Oedipus Tyrannus*; ed. Jebb (C.U.P.).
 Plato, *Meno*; ed. Bluck (C.U.P.).
 Demosthenes, *Philippic I, Olynthiacs*; ed. Abbott and Matheson (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.).

6. Greek III.

- (a) Prose composition.
 (b) Unprepared translation.
 (c) Homer, *Iliad, Books XVII-XIX*; ed. Leaf and Bayfield (Macmillan) 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.).

7. Comparative Philology.

Pre-requisite subjects: Leaving Latin and *either* Greek I (1) *or* Latin I (11) *or* French I (31) *or* German IA (40) *or* German I (41).

The course deals mainly with the Indo-European language group, but includes lectures on phonetics, general linguistic history, and elementary Greek. It is designed also to serve as a general introduction to linguistic study.

Text-books:

- (a) Elementary Greek:
Smith, F. Kinchin, and Melliush, T. W., *Teach yourself Greek* (E.U.P.).
- (b) Phonetics:
Ward, I. C., *The phonetics of English* (Heffer).

9. 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.

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:

11. Latin I.

- (a) Prose composition.
 - (b) Unprepared translation.
 - (c) Catullus, *Selections from the Poems*; ed. Kinchin Smith and Melluish (Allen and Unwin).
Livy, *book I*; ed. Gould and Whiteley (Macmillan).
Virgil, *Aeneid, book XII*; ed. Maguiness (Methuen).
- Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

13. Latin II.

- (a) Prose composition (Hardie, W. R., *Latin Prose Composition* (Arnold) will be used).
- (b) Unprepared translation.
- (c) Lucretius, *de Rerum Natura, book V*; ed. Duff (C.U.P.).
Horace, *Satires, book I*; ed. Palmer (Macmillan).
Cicero, *Second Philippic*; ed. Denniston (O.U.P.).
- (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).

16. Latin III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Tacitus, *Agricola and Germania*; ed. Sleeman (C.U.P.).
- (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).

19. 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.

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.

The courses are made up of lectures and tutorials. Since the tutorial groups are small, and are arranged as far as possible at times to suit the best convenience of both students and tutors, *all students must attend the preliminary meeting held in the first week of the first term in each year*, at which the tutorial timetable is fixed.

In English I two lectures are given each week. Students attend tutorials once a week.

In English II two lectures are given each week. Students attend tutorials once a week.

In English III three lectures are given each week. Students attend tutorials once a week.

21. English I.

I. The history and structure of the English language.

1964:

- Alexander, H., *The story of our language* (W. H. Allen).
- Levitt, J. and J., *The spell of words* (Darwen Finlayson).

1965 (Provisional):

- Alexander, H., *The story of our language* (W. H. Allen).
- Barfield, O., *History in English words* (Methuen).

II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:

1964:

A. Poetry:

- Chaucer, *The wife of Bath's prologue and Tale*. Translation into idiomatic modern English will be required from the *Tale* only.
- Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).
- Dryden, *Selected Poems*, ed. R. Sharrock (Heinemann).
- Byron, *Selected Verse, etc.*, ed. P. Quennell (Collins).
- Wright, J., *Five senses* (Angus and Robertson).

B. Drama:

- Kyd, *The Spanish tragedy*.
- Shakespeare, *Romeo and Juliet*; *The tempest*.
- Congreve, *The way of the world*.
- Lawler, R., *The summer of the seventeenth doll*.

C. Novel:

- Fielding, *Joseph Andrews*.
- Dickens, *Hard times*.
- Melville, *Moby Dick*.
- Forster, *A passage to India*.

D. Prose:

Three Elizabethan pamphlets, ed. G. R. Hibbard (Harrap).
 de Quincey, *The confessions of an English opium-eater*.
 Lawrence, *Mornings in Mexico and Etruscan places* (Penguin).

Recommended Reading:

Baugh, A. C., *History of the English language* (2nd ed., 1959).
 Jespersen, O., *Growth and structure of the English language*.
 Wrenn, C. L., *The English language*.
 Legouis, E., *A short history of English literature*.
 Trevelyan, G. M., *English social history*.
The Pelican guide to English literature, ed. B. Ford.
The Penguin book of English verse, ed. J. Hayward.
 Warner, A., *A short guide to English style* (O.U.P.).

1965 (Provisional):

A. Poetry:

Chaucer, *The parlement of foules; The Pardoner's prologue and Tale*.
 Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).
 Pope, *Poems*.
 Yeats, *Poems*.
 Wright, J., *Five senses* (Angus and Robertson).

B. Drama:

Marlowe, *Doctor Faustus*.
 Shakespeare, *Romeo and Juliet*.
 Congreve, *The way of the world*.
 Shaw, *Man and superman*.
 Seymour, *The one day of the year*.

C. Novel:

Fielding, *Tom Jones*.
 Dickens, *Bleak House*.
 Lawrence, *Sons and lovers*.
 Forster, *A passage to India*.

D. Prose:

Boswell, *Life of Johnson*.
 de Quincey, *The confessions of an English opium-eater*.
 Lawrence, *Mornings in Mexico and Etruscan places* (Penguin).

23. English II.

English literature from 1550 to 1780, with intensive study of a special period.

1964:

A. Prescribed texts:

The following books are to be studied in detail:

The Oxford book of sixteenth century verse, with special attention to the poetry of Wyatt, Surrey, Sidney, Spenser, Raleigh, Daniel, Drayton, Sir John Davies.
 Marlowe, *Tamburlaine*, parts I and II.
 Spenser, *Epithalamion; Prothalamion; The Faerie Queene*, Book I.
 Shakespeare, *Richard II; Troilus and Cressida*.
 Bacon, *Essays*.
 Gardner, H. (ed.), *The metaphysical poets* (Penguin).
 Pinto, V. de S. (ed.), *English biography in the seventeenth century* (Harrap).
 Milton, *Paradise lost*.
 Bunyan, *Pilgrim's progress*.
 Dryden, *Poems; Essay of dramatic poesie; Preface to the fables*.
 Gosse, Sir E. W. (ed.), *Restoration plays from Dryden to Farquhar* (Everyman).
 Dobrée, B. (ed.), *Five heroic plays* (World's Classics).
 Swift, *A tale of a tub*.
 Pope, *Moral essays; Satires*.

Defoe, *Journal of the plague year*.
 Lillo, *The London merchant*.
 Fielding, *Tom Jones*.
 Sterne, *Tristram Shandy*.
 Johnson, *Poems; Lives of the English poets*, with special attention to the lives of Cowley, Milton, Rochester, Dryden, Savage.

B. Special Period.

While students are expected to relate all their literary studies to ideas and events viewed in a historical perspective, for the special period a more detailed familiarity with the social and historical background is required.

For 1964, the special period will be 1660-1700 (the Age of Dryden). Of the authors and texts prescribed, the following fall wholly or partly within the special period: Milton, Bunyan, Dryden, Congreve, Swift, *Metaphysical poets* (ed. Gardner), *English biography* (ed. Pinto), *Five heroic plays* (ed. Dobrée). The period is, however, to be studied as a whole and not restricted to these.

Recommended:

The Oxford book of seventeenth century verse.
The Oxford book of eighteenth century verse.
 Bush, D., *English literature in the earlier seventeenth century*.
 Dobrée, B., *English literature in the early eighteenth century*.
 Leavis, F. R., *Revaluation*.
 The common pursuit.
 Lewis, C. S., *English literature in the sixteenth century*.
 Sutherland, J., *A preface to eighteenth century poetry*.
 Tillyard, E. M. W., *Elizabethan world picture*.
 Tuve, R., *Elizabethan and metaphysical imagery*.
 Jack, I., *Augustan satire*.
 Wilson, F. P., *Elizabethan and metaphysical imagery*.
 Willey, B., *The seventeenth century background*.
 The eighteenth century background.
The Pelican guide to English literature, ed. B. Ford, Vols. 2, 3 and 4.

1965 (Provisional):

The main course is English literature from 1550 to 1780. In addition, two special topics must be chosen for more intensive study, one falling within the period and one outside it. In each year several options will be available for special study.

Students are invited to consult their tutors in advance about choice of options.

I. Literature from 1550 to 1780.

The following books are to be studied in detail:

Sidney, *An apologie for poetry*.
 Spenser, *The Faerie Queene*, Book I.
 Marlowe, *Doctor Faustus*.
 Shakespeare, *Measure for measure*.
 Webster, *The Duchess of Malfi*.
The metaphysical poets, ed. H. Gardner (Penguin).
 Browne, *Religio Medici*.
 Milton, *Paradise lost*.
 Wycherley, *The country wife*.
 Dryden, *Poems*.
 Pope, *Poems*.
 Swift, *Gulliver's travels*.
 Fielding, *Tom Jones*.
 Sterne, *Tristram Shandy*.
 Johnson, *London; The vanity of human wishes; Rasselas; Lives of Cowley, Dryden, Pope*.
The Oxford Books of Sixteenth, Seventeenth, and Eighteenth Century Verse.

II. Special studies.

One to be chosen from each of groups A and B.

A (1) Elizabethan and Jacobean Drama.

The course of the drama from 1580 to 1642, with special attention to the following plays:

Greene, *Friar Bacon and Friar Bungay*.
 Dekker, *The shoemaker's holiday*.
 Jonson, *Volpone*.
 Beaumont and Fletcher, *The maid's tragedy*.
 Middleton, *Women beware women*.
 Ford, *'Tis pity she's a whore*.

(2) From Hooker to Hobbes.

The background to literature in the political, scientific, philosophical, and religious currents of thought between the Elizabethan Age and the Restoration. The following books will be studied in whole or in part:

Hooker, *Ecclesiastical polity*.
 Montaigne, *Essays* (trans. Florio).
 Bacon, *The advancement of learning*.
 Milton, *Areopagitica*.
 Hobbes, *Leviathan*.

(3) The Eighteenth Century Novel.

With special attention to:

Defoe, *Moll Flanders*.
 Richardson, *Pamela*.
 Fielding, *Joseph Andrews; Tom Jones*.
 Smollett, *Roderick Random*.
 Sterne, *Tristram Shandy*.
 Goldsmith, *The vicar of Wakefield*.
Shorter novels of the eighteenth century (Everyman Library).

B (4) Chaucer.

A study of Chaucer's art and themes, with special attention to the following:

The house of fame.
The knight's tale.
The miller's prologue and tale.
The franklin's prologue and tale.
The prologue and tale of Sir Thopas.

Prescribed:

Robinson, F. N. (ed.), *The complete works of Geoffrey Chaucer* (2nd edition).

(5) Modern Drama.

A study of twentieth century drama, with special attention to:

Shaw, *Major Barbara*.
 Synge, *The playboy of the western world*.
 O'Neill, *Mourning becomes Electra*.
 O'Casey, *Juno and the paycock*.
 Brecht, *The good woman of Setzuan*.
 Eliot, *The cocktail party*.
 Beckett, *Waiting for Godot*.
 Wesker, *Roots*.
 Pinter, *A slight ache and The dumb waiter*.

(6) An Introduction to American Literature.

A study of some representative books, placed in their historical and social contexts. For special attention:

Hawthorne, *The scarlet letter*.
 Poe, *Tales of mystery and imagination*.
 Whitman, *Leaves of grass*.
 Twain, *A Connecticut yankee in King Arthur's court*.
 James, *Daisy Miller*.
 Salinger, *The catcher in the rye*.

25. 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 Old and Early Middle 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).
Brook, G. L. (ed.), *The Harley lyrics* (Manchester U.P.).
Shepherd, G. (ed.), *Ancrene Wisse* (Nelson).

26. English III.

English literature since 1780, with intensive study of a special period; Australian literature; Shakespeare; principles and practice of literary criticism.

1964

- A. Prescribed texts:
The following books are to be studied in detail:
The poems of Wordsworth, Coleridge, Tennyson, Browning, Arnold, Rossetti, Swinburne, Hopkins, Eliot, Auden.
Peacock, *Nightmare abbey*.
De Quincey, *The confessions of an English opium-eater*.
Carlyle, *On heroes, hero-worship, etc.*
Disraeli, *Sybil*.
Mrs. Gaskell, *Mary Barton*.
Thackeray, *Vanity fair*.
Dickens, *Hard times*.
Arnold, *Culture and anarchy*.
George Eliot, *Middlemarch*.
Hardy, *Jude the obscure*.
Conrad, *Nostramo*.
Lawrence, *Women in love*.
Joyce, *Ulysses*.
- B. Special Period.
While students are expected to relate all their literary studies to ideas and events viewed in a historical perspective, for the special period a more detailed familiarity with the social and historical background is required. The special period in 1964 will be 1830-1880 (Victorian literature). Of the authors and texts prescribed, the following fall wholly or partly within the special period: Tennyson, Browning, Arnold, Swinburne, Hopkins, Carlyle, Disraeli, Mrs. Gaskell, Thackeray, Dickens, George Eliot.
- C. Australian literature.
Fitzpatrick (ed.), *Australian explorers* (World's Classics).
Furphy, *Such is life*.
Brennan, *Poems*.
White, *Riders in the chariot*.
Special topic: Recent Australian drama:
Lawler, *The summer of the seventeenth doll*.
Seymour, *The one day of the year*.
- D. Shakespeare.
Pericles; Cymbeline; The winter's tale; The tempest.
- E. Principles and practice of literary criticism.
Coleridge, *Shakespearean criticism* (ed. T. M. Raysor, Everyman, 2 vols.).
Daiches, D., *Critical approaches to literature*.
Leavis, F. R., *Revaluation*.

Recommended.

- Abrams, M. H., *The mirror and the lamp*.
 Green, H. M., *History of Australian literature*.
 House, H., *The Dickens world*.
 Knight, G. Wilson, *The crown of life*.
 Leavis, F. R., *The great tradition*.
 Tillotson, K. M., *The novels of the 1840's*.
 Tillyard, E. M. W., *Shakespeare's last plays*.
 Willey, B., *Nineteenth century studies*.
 Wright, A. (ed.), *Victorian literature; Modern essays in criticism*.
 Young, G. M., *Victorian England: Portrait of an age*.

1965 (Provisional):

A. Prescribed texts:

- The following books are to be studied in detail:
 The poems of Blake, Wordsworth, Coleridge, Keats, Arnold, Swinburne,
 Hardy, Hopkins, Yeats, Pound, Eliot, Auden.
The Faber book of modern verse.
 Scott, *The antiquary*.
 Peacock, *Nightmare abbey*.
 Thackeray, *Vanity fair*.
 Dickens, *Dombey and son*.
 Mill, *On liberty*.
 Hardy, *Jude the obscure*.
 Conrad, *Nostromo*.
 Joyce, *Ulysses*.
 Lawrence, *Women in love*.
 Hemingway, *Fiesta (The sun also rises)*.
 Huxley, *Point counter point*.
 Graves, *Goodbye to all that*.
 Shaw, *The apple cart*.
 Woolf, *The waves*.

B. Special Period.

- The special period in 1965 will be 1914-1945.
 Of the authors and texts prescribed, the following fall wholly or partly within the special period: Hardy, Yeats, Pound, Eliot, Auden, *The Faber Book of Modern Verse*, Conrad, Lawrence, Hemingway, Huxley, Graves, Shaw, Woolf.

C. Australian Literature.

- Fitzpatrick, K. (ed.), *Australian explorers (World's Classics)*.
 Boyd, M., *The Montforts (Rigby)*.
 White, P., *Riders in the chariot*.
 Hope, A. D., *Poems*.
 Special topic: Australian short stories.

D. Shakespeare.

- The Roman plays: *Titus Andronicus, Julius Caesar, Antony and Cleopatra, Coriolanus*.

E. Principles and Practice of Literary Criticism.

- Enright, D. J., and de Chickera, E. (eds.), *English Critical Texts (O.U.P.)*.
 Daiches, D., *Critical approaches to literature*.
 Leavis, F. R., *New bearings in English poetry*.

28. Old and Middle English II.

A. Medieval English culture and institutions.

B. The Middle English language.

Prescribed book:

- Brunner, K., *An outline of Middle English grammar*, transl. by G. K. W. Johnston (Blackwell).

C. Introduction to Middle English literature.

D. Study of Old and Middle English texts.

Prescribed books:

- Sweet, H., *Anglo-Saxon reader*, revised C. T. Onions, latest edition (O.U.P.).
 Klaeber (ed.), *Beowulf*, 3rd edition (Heath); or
 Wrenn (ed.), *Beowulf* (Harrap).
 Dickens and Ross (ed.), *The dream of the rood* (Methuen).
 Leslie, R. F. (ed.), *Three Old English elegies* (Manchester U.P.).
 Sisam, *Fourteenth century verse and prose*, with glossary (O.U.P.).
The lay of Havelok the Dane; ed. by W. W. Skeat; 2nd ed. revised by K. Sisam (O.U.P.).
 Tolkien and Gordon (eds.), *Sir Gawain and the green knight* (O.U.P.);
 or
 Gollancz (ed.), *Sir Gawain and the green knight* (O.U.P., for the Early English Text Society).

29. 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), including (iii a) and omitting one of the following: (vi), (vii) or (viii). Candidates adopting *Scheme B* will take papers (iii b)-(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 and Middle English texts.
- (ii) Old and Middle English language and literature.
- (iii a) Modern English; (iii b) 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.

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. 29 above.

Scheme C: English Language and Literature.

- 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 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.

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.

31. French I.

This is a general course, designed both as an introduction for those students who intend to go further in the study of France, its language and its literature, and as a short but comprehensive survey for those students whose French studies will be confined to one year.

Lectures are given on the French civilisation, treating in outline the geography of France, and its history, institutions and literature. French literary texts are set for reading and for translation into English. The pronunciation of French is studied in a course of Phonetics and by means of dictation and reading aloud in small groups. And the use of French, both written and spoken, is furthered through essay-writing, translation into French and conversation in small groups on topics arising from the lectures. A French Club also exists to present monthly programmes in French organised by a student committee.

Each student should possess the following books:

- Molière, *Le bourgeois gentilhomme* (Classiques Larousse).
 Lough, W. (ed.), *The Harrap book of French short stories* (Harrap).
 Anouilh, *L'Invitation au château*, ed. Conlon (C.U.P.).
 Lawler, J. R., *An Anthology of French Poetry* (O.U.P.).
 Roe, F. C., and Lough, J., *French prose composition* (Longmans).
 Mansion, J. E., *A grammar of present day French, with exercises* (Harrap).

N.B.—Students whose French grammar is weak would be well advised to acquire also:

- Ferrar, H., *A French reference grammar* (O.U.P.).

The following works of reference are available in the library and should be freely consulted:

- (a) Dictionaries:
Harrap's standard French and English dictionary, Vols. 1 and 2.
 Petit, Charles, *Dictionnaire français-anglais et anglais-français*, Vols. 1 and 2 (Paris, Hachette).
Petit Larousse or Nouveau Larousse universel, 2 vols.
 Lacroix, *Dictionnaire des mots et des idées* (Paris, Nathan).
- (b) Grammar:
 Grevisse, *Le bon usage* (Paris, Geuthner).
 Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques* (Amiens, Editions Scientifiques et Littéraires).
- (c) Pronunciation:
 Fouché, P., *Traité de prononciation française* (Klincksieck).
 Grammont, *Traité pratique de prononciation française* (Delagrave).
- (d) Versification:
 Grammont, *Petit traité de versification française* (Colin).
- (e) Composition:
 Loubet, *La technique de la composition française* (Paris, Maynard).
 Vannier, *La clarté française: pour composer, pour écrire, pour se corriger* (Paris, Nathan).
- (f) French Civilisation:
 Labaste, André, *France et pays d'outre-mer* (Colin or Harrap).
 Girard, L., *Collection d'Histoire* (Bordas or Harrap):
 I. *Le Moyen Age*.
 II. *XVIe, XVIIe, XVIIIe Siècles*.
 III. *1789-1848*.
 IV. *1848-1914*.
 V. *Le Monde contemporain*.
 Ritchie, Graeme (ed.), *France: a companion to French studies* (Methuen).
 Roe, F. C., *Modern France: an introduction to French civilisation* (Longmans).
 Lacour-Gayet, R., *La France au XXe siècle* (Hachette).
 Pickles, D. M., *The Fifth French Republic* (Methuen).
La France d'aujourd'hui (Hatier or Harrap).
 Daninos, P., *Les Carnets du Major Thompson*, ed. Shocket (C.U.P.).
- (g) Literature:
 Plinval, G. de, *Précis d'histoire de la littérature française* (Hachette).
 Tieghem, P. Van, *Histoire de la littérature française* (Fayard).
 Jasinski, R., *Histoire de la littérature française*, Vols. 1 and 2 (Boivin).

The Hope Crampton Prize, of the value of £5, is awarded to the matriculated student or graduate placed first in the list of candidates who have passed with distinction in the annual examination in French I.

The M. Rees George Prize, of the value of £6, is awarded 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 these prizes are published in the appropriate section of the calendar.

33. French II.

- (a) Free composition in French and translation from English into French.

Prescribed book:

Roe, F. C., and Lough, J., *French prose composition* (Longmans).

Reference books: As for French I, together with:

Robert, P., *Dictionnaire alphabétique et analogique de la langue française*, 6 vols.

Bailly, R., *Dictionnaire des synonymes* (Larousse); or

Bénac, H., *Dictionnaire des synonymes* (Hachette).

Maquet, C., *Dictionnaire analogique* (Larousse).

Le Larousse du XXe siècle, 6 vols.

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Mme de La Fayette, *La princesse de Clèves*, ed. Wilson (Harrap).
 Madame de Sévigné, *Choix de lettres*, ed. Wilson (Harrap).
 Voltaire, *Choix de contes*, ed. F. C. Green (C.U.P.).

- (c) Orals.

- (d) Literature: From 1600 to 1800.

Questions for special study:

Term I: *Le théâtre de Molière*.
 Term II: *Le théâtre de Racine*.
 Term III: *Voltaire et l'esprit philosophique*.

Prescribed books:

Lagarde A. et Michard, L., *XVIIe Siècle* and *XVIIIe Siècle* (Bordas or Harrap).

Reference books:

Bedier et Hazard, *Histoire illustrée de la littérature française*, 2 vols., nouvelle édition augmentée par P. Martino.
 Jasinski, R., *Histoire de la littérature française*, 2 vols. (Boivin).
 Saulnier, V. L., *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, F. C., *The ancien régime* (Edinburgh U.P.).
 Lough, J., *Introduction to seventeenth-century France* (Longmans).
 Lough, J., *Introduction to eighteenth-century France* (Longmans).
 Funck-Brentano, F., *L'ancien régime* (Paris, Flammarion).
 Bornecque, P. H., *La France et sa littérature*, tome I (Lyon, Editions I.A.C.).
 Bénac, H., *Vocabulaire de la dissertation* (Hachette).
 Cayrou, G., *Le français classique* (Didier); or
 Dubois J. et Lagane, R., *Dictionnaire de la langue française classique* (Paris, Belin).
 Haase, A., *Syntaxe française du XVIIe siècle* (Delagrave).
 Grente, G., *Dictionnaire des lettres françaises* (XVIe et XVIIe siècles), 2 vols.

- (e) Explication de textes.

Prescribed books:

Molière, *Tartuffe*, ed. Ashton (Blackwell).
 Racine, *Phèdre*, ed. Knight (Manchester U.P.).
 Bossuet, *A Prose Anthology*, ed. J. Strandring (Harrap).

Reference books:

Crouzet, P., and Desjardins, J., *Méthode française et exercices illustrés*, Vol. 3 (Paris, Didier).
 Rudler, G., *L'explication française* (Paris, Colin).
 Germain, F., *L'Art de commenter* (*une tragédie, une épopée, etc.*), 7 vols. (Foucher).

The Edith A. Puddy Prize, of the value of £6, is awarded to the matriculated student or graduate placed first in the list of candidates who have passed with distinction in the annual examination in French II. 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.

Recommended for preliminary reading:

Wartburg, W. von, *Evolution et structure de la langue française* (Berne, Franck).
 Bruneau, C., *Petite histoire de la langue française*, 2 v. (Paris, A. Colin).

Prescribed books:

Raynaud de Lage, G., *Introduction à l'ancien français* (Paris, S.E.D.E.S.).
 Bourciez, E., *Précis historique de Phonétique française* (Paris, Klincksieck).

- (b) Outline of the history of French literature up to 1500.

Prescribed book:

Decahors, E., *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 A. et Decahors, E., *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. 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, *Eugénie Grandet*, ed. Allem (Garnier).

Proust, *Combray*, ed. Brée and Lynes (Harrap).

Bernanos, *Journal d'un curé de campagne* (Livre de poche).

- (c) Orals.

- (d) Literature: The nineteenth and twentieth centuries.

Questions for special study:

Term I: *Les grands thèmes de la poésie romantique*.

Term II: *Le théâtre contemporain*.

Term III: *Les principales tendances du roman français contemporain*.

Prescribed books:

Lagarde A. et Michard, L., *XIXe Siècle* and *XXe Siècle* (Bordas or Harrap).

Reference books:

Thibaudet, A., *Histoire de la littérature française de 1789 à nos jours* (Stock).

Saulnier, V. L., *La littérature française du siècle romantique* (Presses universitaires).

Clouard, H., *Histoire de la littérature française du symbolisme à nos jours*, 2 vols. (Albin Michel).

Bornecque, P. H., *La France et sa littérature*, tome II (Lyon, I.A.C.).

- (e) Explication de textes.

Prescribed books:

Poems contained in the 2 vols. of Lagarde-Michard (see above).

Claudé, *L'Annonce faite à Marie* (Livre de Poche).

Sartre, *Les Mouches*, ed. North (Harrap).

Montherlant, *La reine morte* (Livre de poche).

The Violet de Mole Prize, of the value of five guineas, is awarded 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.

38. Old and Middle French II.

- (a) Historical French grammar, i.e., phonetics, morphology, syntax.

Prescribed book:

Brunot F. et Bruneau, C., *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).
Le Mystère d'Adam, ed. Aebischer (Geneva, Droz).
La Chastelaine de Vergi, ed. Whitehead (Manchester U.P.).
 Adam de la Halle, *Le Jeu de Robin et de Marion*, ed. Varty (Harrap).
 Pathelin, *Maître Pierre Pathelin*, ed. Holbrook (Paris, Champion).
 Garnier, Robert, *Les Juifves*, ed. Hervier (Paris, Garnier).

For reference:

- Grandsaignes d'Hauterive, R., *Dictionnaire d'ancien français* (Paris, Larousse).
 Gougenheim, G., *Grammaire de la langue française du seizième siècle* (Lyon, I.A.C.).
 Le Gentil, P., *La Chanson de Roland* (Paris, Hatier).
 Frank, G., *The medieval French drama* (Oxford, Clarendon Press).
 Lebègue, R., *La Tragédie française de la Renaissance* (Paris, S.E.D.E.S.).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

39. French Language and Literature 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 (i) to attend special weekly tutorials in their second and third years and perform the exercises there prescribed; (ii) to devote their fourth year entirely to advanced courses and exercises in literature and philology; (iii) to write each term an essay in French on a subject studied in tutorials.

Under (ii), 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.).

Honours students should make themselves familiar with the following basic works:

- Bouvier, E., and Jourda, P., *Guide de l'étudiant en littérature française* (Presses universitaires).
 Dupouy, A., *Géographie des lettres françaises* (Colin).
 Genest, E., *Dictionnaire des citations françaises* (Nathan); or
 Guerlac, O., *Les citations françaises* (Colin).
 Marouzeau, J., *Lexique de la terminologie linguistique* (Geuthner).
 Marouzeau, J., *Précis de stylistique française* (Masson).
 Cressot, M., *Le style et ses techniques* (Presses universitaires).
 Mornet, D., *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 there prescribed.

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 six courses in German for the degree of Bachelor of Arts. They are German IA, German I, German II, German III, Advanced German Language and Literature I and Advanced German Language and Literature II. The first four are available for the Ordinary degree. The latter two are for Honours candidates only. In German IA and I there are two pass standards: Division I and Division II.

Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German I until he has passed in German at the Leaving Examination. In order to take the course in German II a student must be placed in Division I at the examination in German IA or I.

Students are required to attend tutorial classes.

40. Science German.

- (a) This course is open to members of staff, research students and those honours students required by their Departments to take the course in Science German. It consists of two lectures weekly throughout the year. Its aim 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 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).

41. German I.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt).Kolisko, G., and Yuill, W., *Practice in German prose* (Macmillan).Nicholson, J. A., *Parallel passages for German translation and composition* (Harrap).

Either of the following:

Eggeling, H. F., *A dictionary of modern German prose usage* (O.U.P.).Stopp, F. J., *A manual of modern German* (University Tutorial Press).

- (b) Introduction to German life and culture.

Prescribed texts:

Gottfried von Strassburg, *Tristan* (Penguin).McEvedy, C., *The Penguin atlas of medieval history* (Penguin).Reinhardt, K. F., *Germany: 2000 years*, 2 vols. (Constable).Schauer, H., and others, eds., *Aus altdeutscher Zeit*, vols. 1 and 2 (Klett).

- (c) Introduction to German literature.

Prescribed texts:

Brentano, *Geschichte vom braven Kasperl* (Blackwell).Keller, *Romeo und Julia auf dem Dorfe* (Harrap).Fontane, *Irrungen, Wirrungen* (Ullstein Bücherei 89).Hauptmann, *Bahnwärter Thiel* (Blackwell).Mann, T., *Tonio Kröger* (Blackwell).Dürrenmatt, *Besuch der alten Dame* (Suhrkamp).Schulz, G., ed., *German verse* (Macmillan).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German I in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Attention is also drawn to the
- Deutscher Studentenverein*
- and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The Weimar-Ohlstrom Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German I. Rules governing the prize are in the appropriate section of this calendar.

42. German IA.

With one exception (see (b) below, held in November) all examinations in connection with this course take place in February at the time of the University supplementary examinations.

- (a) Language.

Prescribed texts:

Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt).Russon, L. J., *Complete German course* (Longman).Savigny, W. B., *A sixth form German course* (Harrap).*Rapid Course*, prepared by the Department of German and obtainable during Orientation Week.

- (b) Introduction to German life and culture.

See German I, (b).

- (c) Introduction to German literature.

Prescribed texts:

Goethe, *Faust*, Pt. I (Doubleday).Brentano, *Geschichte vom braven Kasperl* (Blackwell).Hauptmann, *Bahnwärter Thiel* (Blackwell).Mann, T., *Tonio Kröger* (Blackwell).Dürrenmatt, *Besuch der alten Dame* (Suhrkamp).Waidson, H. M., ed., *German short stories 1945-1955* (C.U.P.).

43. German II.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

See German I, (a).

- (b) The German
- Novelle*
- , 1780-1888.

Prescribed texts:

Goethe, *Novelle* (Insel).Tieck, *Der blonde Eckbert* (Blackwell).*Des Lebens Überfluss* (Reclam).Kleist, *Das Erdbeben in Chili, Michael Kohlhaas*: both in *Three stories*, ed. H. B. Garland (Manchester U.P.).Eichendorff, *Aus dem Leben eines Taugenichts* (Harrap).Grillparzer, *Der arme Spielmann* (Nelson).Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).Gottshel, *Die schwarze Spinne* (Blackwell).Mörke, *Mozart auf der Reise nach Prag* (Harrap).Stifter, *Bergkristall* (Harrap or Insel).Storm, *In St. Jürgen* (Dent).*Renate* (Reclam).*Der Schimmelreiter* (Methuen).Keller, *Kleider machen Leute* (Harrap).*Die drei gerechten Kammacher* (Harrap).*Der Landvogt von Greifensee* (Blackwell).*Das Fähnlein der sieben Aufrechten* (Reclam).Meyer, *Das Amulett* (Bell).*Der Heilige* (Reclam).Bennett, E. K., *History of the German Novelle* (C.U.P.).

- (c) Studies in German Literature, 1800-1848.

Prescribed texts:

Hölderlin, *Dichtungen, Schriften, Briefe* (Fischer Bücherei 184).Novalis, *Hymnen an die Nacht* (Insel 15 or Goldmann).Kleist, *Über das Marionettentheater* (Insel 481).*Das Käthchen von Heilbronn* (Reclam).*Prinz Friedrich von Homburg* (Harrap or Reclam).Hoffmann, *Das Fräulein von Scudery* (Harrap, Condor Lib.).Grillparzer, *König Ottokars Glück und Ende* (Blackwell).Heine, *Die Harzreise* (Harrap).Büchner, *Woyzeck* (M.U.P.).Killy, W., ed., *Zeichen der Zeit, ein deutsches Lesebuch*, vols. 2 *Klassik-Romantik* and 3 *Das historische Jahrhundert* (Fischer Bücherei 347, 276).

- (d) At the end of the year, candidates must pass an oral test. This is an integral part of the annual examination in German II in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Attention is also drawn to the
- Deutscher Studentenverein*
- and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The Weimar-Ohlstrom Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German II. Rules governing the prize are in the appropriate section of this calendar.

45. German IIB.

Advanced German Language and Literature I.

- (a) History of the German Language.

Recommended texts:

Priebisch, R., and Collinson, W. E., *The German language* (Faber).Bloomfield, L., *Language* (Holt).Moser, H., *Deutsche Sprachgeschichte* (Schwab).Potter, S., *Language in the modern world* (Pelican).

- (b) The German Novel in the Nineteenth Century.

Prescribed texts:

Gotthelf, *Uli der Knecht* (any edition).
 Stifter, *Der Nachsommer* (Goldmann).
 Keller, *Der grüne Heinrich* (any complete edition).
 Freytag, *Soll und Haben* (any edition).
 Fontane, *Effi Briest* (Knaur).
 Raabe, *Pfisters Mühle* (Duckworth).
 Mann, T., *Buddenbrooks* (Fischer, Exempla Classica 13).

46. German III.

- (a) Translation, prose composition and essay writing.
-
- (b) German Lyric Poetry from Luther to the present day.

Prescribed text:

An anthology will be issued by the Department.

Recommended texts:

Praver, S. S., *German lyric poetry* (Routledge).
 Pfeiffer, J., *Wege zur Dichtung* (Wittig).
 Umgang mit Dichtung (Wittig).
 Wiese, B. von, (ed.), *Die deutsche Lyrik*, 2 vols. (Bagel).

- (c) Studies in German Literature, 1760-1805.

Prescribed texts:

Lessing, *Emilia Galotti* (Blackwell or Harrap).
 Nathan der Weise (Heath).
 Goethe, *Götz von Berlichingen* (Macmillan or Reclam).
 Die Leiden des jungen Werthers (Blackwell).
 Iphigene auf Tauris (O.U.P. or Nelson).
 Egmont (Harrap).
 Faust, Pt. I (Harrap or Macmillan).
 Hermann und Dorothea (D.T.V. Goethe, vol. 6).
 Schiller, *Die Räuber* (Harrap or Reclam).
 Don Carlos (O.U.P. or Harrap).
 Maria Stuart (Macmillan).
 Hölderlin, *Hyperion* (Fischer, Exempla Classica 54).
 Killy, W. (ed.), *Zeichen der Zeit: lin deutsches Lesebuch*, vols. 1 *Auf dem Wege zur Klassik* and 2 *Klassik-Romantik* (Fischer Bücherei 441, 347).
 Mason, G. R., *From Gottsched to Hebbel* (Harrap).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German III in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Attention is also drawn to the
- Deutscher Studentenverein*
- and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The A. J. Schulz Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German III. Rules governing the prize are in the appropriate section of this calendar.

48. German IIIB.

Advanced German Language and Literature II.

- (a) Introduction to Middle High German.

Prescribed texts:

Der Stricker, *Fünfzehn kleine Verserzählungen*, ed. H. Fischer (Niemeyer).
 Herrand von Wildonic, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).
 Hartman von Aue, *Der arme Heinrich*, ed. H. Paul (Niemeyer or Reclam).
 Wernher Der Gartenaere, *Die Märe vom Helmbrecht*, 6. Auflage, ed. Fr. Panzer (Niemeyer).
 Wright, J., *Middle High German primer* (Clarendon Press).

Recommended texts:

- Coulton, G. G., *The medieval scene* (Cambridge Paperback).
 Davis, H. W. C., *Medieval Europe*, 2nd ed. (O.U.P.).
 Reinhardt, K. F., *Germany: 2000 years*, vol. 1 (Constable).

(b) Goethe as lyric poet.

Prescribed texts:

- Goethe (D.T.V. Goethe, vols. 1-5).
 Ancelet-Hustache, J., *Goethe* (Calder, Evergreen Profile Book 5).
 Gerlach, H. E., and Herrmann, O., eds., *Goethe erzählt sein Leben*
 (Fischer Bücherei 136).

(c) Studies in the Drama.

Prescribed texts:

- Grillparzer, *Ein Bruderzwist im Hause Habsburg* (Schöninghs Deutsche Textausgaben, T. 275).
 Raimund, *Der Alpenkönig und der Menschenfeind* (Reclam).
 Nestroy, *Einen Jux will er sich machen* (Reclam).
 Büchner, *Woyzeck* (Manchester U.P.).
 Hebbel, *Herodes und Mariamme* (Blackwell).
 Hauptmann, *Die Weber* (Harrap).
 Hofmannsthal, *Der Turm* (Fischer Schulausgabe).
 Kaiser, *Die Bürger von Calais* (Bayerische Verlagsanstalt).
 Zuckmayer, *Der Hauptmann von Köpenick* (Fischer Schulausgabe).
 Brecht, *Mutter Courage* (Suhrkamp).
 Frisch, *Andorra* (Suhrkamp).
 Dürrenmatt, *Besuch der alten Dame* (Suhrkamp).

49. German for the Honours Degree of B.A.

During the Final year students will write a dissertation on some aspect of German literature or language. Choice of subject must be made at the beginning of the first term after consultation with the Professor of German. Students must also attend the following courses:

(a) Middle High German texts.

Prescribed texts:

- Des Minnesangs Frühling*. Texts will be issued by the Department.
Das Nibelungenlied, ed. H. de Boor (Brockhaus, Wiesbaden).
 Walther von der Vogelweide (Altdeutsche Textbibliothek 1, Niemeyer).
 Wolfram von Eschenbach, *Parzival*, ed. A. Leitzmann (Niemeyer).

(b) Advanced translation, prose composition and essay writing.

(c) Studies in the Drama.
See 48 (c).

(d) Candidates must pass an oral examination.

Students may obtain the permission of the Faculty of Arts to combine German with another subject for the Honours Degree. They should consult the Professor of German as soon as possible so that a suitably modified course can be arranged.

The A. J. Schulz Prize and the A. J. Schulz Award are awarded annually following the final examination for the Honours Degree of B.A. Rules governing these prizes are in the appropriate section of this calendar.

German Language and Literature for the Degree of M.A.

Candidates for the degree of Master of Arts should consult the Professor of German as soon as possible.

Special Language Examination for the Honours Degree of B.A.

55. Special Language.

Candidates for the Honours Degree of Bachelor of Arts in certain schools are required to pass a special examination in a language other than English approved by the Faculty before beginning their Final Honours year.

Although no formal instruction is provided for this course, candidates should consult the Head of their Department for advice on their preparatory reading as soon as they have been accepted as Honours students. Where the language chosen is one taught in the Faculty of Arts, advice may also be sought from the language department concerned. Normally, the examination is taken at the end of the candidate's second year at the University to ensure that he has access to research material in another language during the latter part of his Honours course.

The examination is of three hours' duration. It takes the following form:

- i. Translation of a short passage from the foreign language into English.
- ii. Comprehension questions, to be answered in English, on a longer passage (or several shorter passages) in the foreign language.

The use of a dictionary is allowed.

The examination is based on texts related to the candidate's field of study. The standard of difficulty is approximately equal to that of the unseen texts set in first-year language examinations for the Ordinary Degree of Bachelor of Arts.

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 II A; in History I (A or B or C) or Politics I or Economics I or Social Economics before he may take History II B; 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.

50. History IA.

Europe from the sixteenth to the eighteenth centuries.

(This course will not include the study of the French revolution.)

No pre-requisite subject.

A first-year course; not available to exempted students.

Students should have ONE of the following:

Ergang, R. R., *Europe from the renaissance to Waterloo.*

Rowen, H. H., *A history of early modern Europe, 1500-1815.*

Wolf, J. B., *The emergence of European civilisation; from the middle ages to the opening of the nineteenth century.*

Other useful books:

Sykes, N., *Crisis of the reformation.*

Green, V. H. H., *Renaissance and reformation.*

Neale, J. E., *The age of Catherine de Medici.*

Clough, S. B., and Cole, C. W., *An economic history of Europe.*

Elton, G. R., *England under the Tudors.*

Tanner, J. R., *English constitutional conflicts of the 17th century.*

Marshall, D., *Eighteenth century England* (Medlicott, W. N. (ed.) *History of England*, volume 7) (Longmans).

Charques, R. D., *A short history of Russia* (Phoenix House).

Gershoy, L., *From despotism to revolution.*

Atkinson, W. C., *A history of Spain and Portugal.*

Ashley, M. P., *Louis XIV and the greatness of France.*

Wedgwood, C. V., *The thirty years' war.*

Morris, R. B., *The American revolution.*

51. 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, G. D. H., *Introduction to economic history.*
Cole, G. D. H., and Postgate, R., *The common people 1746-1946.*
Court, W. H. B., *A concise economic history of Britain from 1750 to recent times.*
Halévy, E., *A history of the English people in the nineteenth century, Vol. I, England in 1815.*
Hall, M. Penelope, *The social services of modern England.*
Mowat, C. L., *Britain between the wars 1918-1940.*
Sampson, A., *Anatomy of Britain* (Hodder and Stoughton).
Shann, E., *An economic history of Australia.*
Thomson, D., *England in the nineteenth century: 1815-1914* (Penguin).
Woodroffe, K., *From charity to social work.*
Inglis, K. S., *Churches and the working classes in Victorian England.*
Graves, R., and Hodge, A., *The long week-end.*
Dangerfield, G., *The strange death of liberal England.*

52. 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*
Langmead, T. P. Taswell, *English constitutional history* (Sweet and Maxwell).

(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.*

53. History IIA.

Europe from the French Revolution to the present day.

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:

- Goodwin, A., *The French revolution*.
 Ergang, R., *Europe since Waterloo*.
 Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict*.

Good general history books:

- Hobsbawm, E. J., *The age of revolution, 1789-1848*.
 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*.
 Clapham, J. H., *Economic development of France and Germany*.
 Cobban, A., *History of modern France 1799-1945* (Pelican).
 Cole, G. D. H., *Introduction to economic history*.
 Fisher, H. A. L., *Napoleon*.
 Florinski, M. T., *Fascism and national socialism*.
 Geyl, P., *Napoleon—for and against*.
 Gershey, L., *The era of the French revolution, 1789-1799*.
 Halévy, E., *History of the English people in the nineteenth century*.
 Hughes, H. Stuart, *Consciousness and society*.
 Michels, R., *Political parties*.
 Pascal, R., *The growth of modern Germany*.
 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*.
 Smith, D. Mack, *Italy, a modern history*.
 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*.

54. 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 overseas 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. The industrial revolution, 1760-1830. Economic fluctuations in England*.
 Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*.
 Chambers, J. D., *The vale of Trent; a regional study of economic change*.
 Clark, G. N., *The seventeenth century. The wealth of England*.
 Court, W. H. B., *The rise of the midlands industries, 1600-1838*.
 Furber, H., *John Company at work—a study of European expansion in India in the late eighteenth century*.
 George, M. D., *England in transition*.
 Halévy, E., *A history of the English people in 1815*.
 Heckscher, E., *Mercantilism*, revised edition.
 Hinton, R. W. K., *The Eastland trade and the common weal in the seventeenth century*.
 Johnson, E. A. J., *Predecessors of Adam Smith*.
 McCulloch, J. R. (ed.), *Early English tracts on commerce*.
 McLachlan, J. O., *Trade and peace with Old Spain, 1667-1750*.
 Mantoux, P., *The industrial revolution in the eighteenth century*.
 Nef, J. U., *Industry and government in England and France, 1540-1640*.
 Pares, R., *Merchants and planters*.
 Richards, R. D., *The early history of banking in England*.
 Roll, Eric, *A history of economic thought*.
 Schuyler, R. L., *The fall of the old colonial system—a study in British free trade, 1770-1870*.
 Smith, Adam, *The wealth of nations*.
 Sutherland, L. S., *The East India Company in eighteenth century politics*.
 Tawney, R. H., *Religion and the rise of capitalism*.
 Unwin, G., *Industrial organisation in the sixteenth and seventeenth centuries*.
 Viner, J., *Studies in the theory of international trade*, chapters 1-4.
 Whittaker, E., *Schools and streams of economic thought*.
 Wilson, Charles, *Anglo-Dutch commerce and finance in the eighteenth century. Profit and power—a study of England and the Dutch wars*.

55. Special Language.

See under Modern Languages—following Syllabus Number 49.

56. History IIIA.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

The course has two parts: a general study of nation-building outside Europe in the nineteenth and twentieth centuries; and a special subject.

Special subjects include, among others: Australia; Modern Africa; Modern India and Pakistan; the expansion of the European economy in the nineteenth and twentieth centuries. (Students who choose the special subject "the expansion of the European economy" will attend the general course of lectures during first term only, and a course of lectures in their special subject during the second and third terms.)

Recommended reading:

- Clark, C. M. H., *Sources of Australian history* (Oxford Classics).
 Robinson, R., and others, *Africa and the Victorians*.
 Greenwood, G., *Australia*.
 Hancock, W. K., *Survey of British Commonwealth affairs*.
 Hobson, J. A., *Imperialism*.
 Latourette, K. S., *A history of modern China* (Pelican).
 Mao-Tse-tung, *An anthology of his writings* (Mentor).
 Nehru, J., *Discovery of India*.
 Oxford history of India (3rd edition).
 Kuo, Ping-Chai, *China: new age and new outlook* (Penguin).
 Spear, T. G. P., *India, Pakistan and the West*.
 Strachey, J., *The end of empire*.

Other useful books:

Australia

- Clark, C. M. H., *Select documents in Australian history*.
 Coleman, P. (ed.), *Australian civilisation*.
 Fitzpatrick, B., *The British Empire and Australia*.
 Hancock, W. K., *Australia*.
 Levi, W., *Australia's outlook on Asia*.
 Nadel, G., *Australia's colonial culture*.
 O'Brien, E. M., *The foundation of Australia*.
 Ward, R. B., *The Australian legend*.

Modern India and Pakistan

- Brecher, M., *Nehru. A political biography*.
 de Bary, W. T. (ed.), *Sources of Indian tradition*.
 Majumdar, R. C., *History of the freedom movement in India*.
 Panikkar, K. M., *The foundations of new India*.
 Philips, C. H. (ed.), *Politics and society in India*.
 Philips, C. H. (ed.), *Select documents on the history of India and Pakistan*,
 Vol. IV.
 Qureshi, I. H., *The Muslim community of the Indo-Pakistan sub-continent*.
 Sen, S. N., *Eighteen fifty-seven*.
 Spear, T. G. P., *India. A modern history*.
 Stokes, E., *The English utilitarians and India*.

Recommended for students taking the special subject: *European Economic Expansion*.

- Ashworth, W., *A short history of the international economy, 1850-1950*.
 Ashworth, W., *An economic history of England, 1870-1939*.
 Clapham, J. H., *The economic development of France and Germany, 1815-1914*.
 Imlah, A. H., *Economic elements in the pax britannica*.
 Knowles, L. C. A., *Economic development in the nineteenth century*.
 Lewis, W. A., *The theory of economic growth*.
 Nove, A., *The Soviet economy*.
 Lewis, W. A., *Economic survey, 1919-1939*.

57. History IIIB.

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:

- Thistlewaite, F., *The great experiment*.
 Morris, R. B., *Basic documents in American history*.

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.

Other useful books:

- Manning, T. G., and Potter, D. M., *Select problems in historical interpretation*.
 Commager, H. S., *Documents of American history, 1492-1949*.

- Craven, A., Johnson, W., and Dunn, F. R., *A documentary history of the American people*.
 Department of American Studies, Amherst College, *Problems in American civilisation*.
 U.S. Bureau of the Census, *Historical statistics of the United States, 1789-1957* (U.S. Government Printing Office).
 Morison, S. E., and Commager, H. S., *Growth of the American republic*, 2 vols.
 Beard, C. A., and Mary R., *The rise of American civilisation*.
 Morgan, E. S., *The birth of the republic*.
 Potter, D. M., *People of plenty*.
 Galbraith, J. K., *The great crash: 1929*.
 Galbraith, J. K., *The affluent society*.
 Lerner, Max., *America as a civilization*.
 Turner, F. J., *Frontier and section*.
 Brogan, D. W., *An introduction to American politics* (Hamish Hamilton).
 Bailey, T. A., *Diplomatic history of the United States*.
 Pratt, J. W., *A history of United States foreign policy*.
 Kennan, G. F., *American diplomacy, 1900-1950*.
 Hofstadter, R., *The age of reform: from Bryan to F.D.R.*
 Schlesinger, A. M. Jr., *The age of Roosevelt*, 3 vols.
 Higham, J., *The reconstruction of American history* (Hutchinson).
 Fine, S., and Brown, G. S., *The American past*, 2 vols.
 Blum, J., and others, *The American experience*.

59. 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 to undertake:

- (a) such Honours work as may be required in connection with the courses in History II and III;
- (b) a fourth year of Honours work including the writing of a thesis and written examinations in
 - (i) Historiography (one paper)
 - (ii) General history (one paper)
 - (iii) Australian history (one paper)
 - (iv) A special subject (two papers).

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.

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.)

Two terms are devoted to an analysis of the institutions and political processes 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. A term is spent examining basic democratic beliefs and assumptions.

Preliminary reading:

- Joad, C. E. M., *The principles of parliamentary democracy* (Forum Books).
- Chrimes, S. B., *English constitutional history* (H.U.L.).
- Bagehot, W., *The English constitution* (Fontana).
- Harrison, W., *The government of Great Britain* (Hutchinson).
- Sawer, G., *Australian government today* (M.U.P.).
- Hetherington, R., and Reid, R. L., *The South Australian elections, 1959* (Rigby).

Students need:

- Rorke, J., (ed.), *Aspects of Australian government* (Platypus Pamphlet).
- Pickles, D. M., *Introduction to politics* (Sylvan Press).
- Miller, J. D. B., *Australian government and politics* (Duckworth).
- Mill, J. S., *On liberty* (Everyman).
- Marx, K., and Engels, F., *The Communist manifesto* (Foreign Languages Publishing House, Moscow).

Detailed reading references are issued during the year. The following are useful books:

- Lindsay, A. D., *The essentials of democracy* (O.U.P.).
- Bassett, R., *The essentials of parliamentary democracy* (Macmillan).
- Durbin, E. F. M., *The politics of democratic socialism* (Routledge).
- Wheare, K. C., *Modern constitutions* (H.U.L.).
- Marcham, F. G., *A constitutional history of modern England, 1485 to the present* (Harper).
- Morrison, H., *Government and parliament* (O.U.P.).
- Mackintosh, J. P., *The British cabinet* (Stevens).
- Jennings, Sir W. I., *Parliament* (C.U.P.).
- Jennings, Sir W. I., *Cabinet government* (C.U.P.).
- Taylor, E., *The House of Commons at work* (Pelican).
- Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).
- Davis, S. R. (ed.), *The government of the Australian states* (Longmans).
- McKenzie, R. T., *British political parties* (Heinemann).
- Overacker, L., *The Australian party system* (O.U.P.).
- Finer, H., *The theory and practice of modern government* (Holt).
- Jennings, Sir W. I., *Party politics*, 3 volumes (Cambridge).
- Neumann, S. (ed.), *Modern political parties* (Chicago U.P.).
- Truman, T., *Catholic action and politics* (Georgian House).
- Lippmann, W., *Public opinion* (Macmillan).
- Williams, F., *Dangerous estate* (Grey Arrow).
- Wallas, G., *Human nature in politics* (Constable).
- Laski, H. J., *A grammar of politics* (Allen and Unwin).
- Utley, T. E., and McClure, J. S. (eds.), *Documents of modern political thought* (C.U.P.).
- Tawney, R. H., *Equality* (Allen and Unwin).
- Barker, E., *Reflections on government* (O.U.P.).

63. 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 system under consideration.

Preliminary reading:

- Sumner, B. H., *Survey of Russian history* (University Paperback).
 Deutscher, I., *Stalin: a political biography* (Oxford paperback).
 White, T. H., *The making of the president*, 1960 (Cape).

Students should procure:

- Potter, A. M., *American government and politics* (Faber paper edition).
 Scott, D. J. R., *Russian political institutions* (Allen and Unwin).
 Rigby, T. H., and Churchward, L. G., *Policy making in the U.S.S.R.*, 1953-1961 (Lansdowne).

Other useful books:

- Brogan, D., *An introduction to American politics* (Hamish Hamilton).
 Fainsod, M., *How Russia is ruled* (Harvard).
 Hamilton, A., and others, *The Federalist* (Blackwell).
 Wheare, K. C., *Federal government* (O.U.P.).
 Duverger, M., *Political parties* (Methuen).
 Hunt, R. N. Carew, *The theory and practice of Communism* (Bles).
 Truman, D., *The governmental process* (Knopf).
 McClosky, H., and Turner, J. E., *The Soviet dictatorship* (McGraw Hill).
 Rostow, W. W., *The dynamics of Soviet society* (Mentor).
 Canada; Dominion-provincial relations, *Royal Commission Report* (Government Printer, Ottawa).
 Key, V. O., *Politics, parties and pressure groups* (Crowell).
 Schapiro, L., *The Communist party of the Soviet Union* (Eyre and Spottiswoode).
 Ferguson, J. H., and McHenry, D. E., *The American system of government* (McGraw Hill).
 Brady, A., *Democracy in the dominions* (Toronto U.P.).
 Chapman, Brian, *The profession of government* (Allen and Unwin).
 Neumann, S. (ed.), *Modern political parties* (Chicago U.P.).
 Strauss, E., *The ruling servants* (Allen and Unwin).
 Jewell, M. E., *The state legislature* (Random House).
 Williams, P., *Politics in post-war France* (Longmans).
 Williams, P., and Harrison, M., *de Gaulle's Republic* (Longmans).
 Pickles, D., *The fifth French Republic* (Methuen).
 Hiscocks R., *Democracy in western Germany* (O.U.P.).
 Rossiter, C., *Parties and politics in America* (Cornell).
 Neustadt, R., *Presidential power* (Wiley).
 Vile, M. J. C., *The structure of American federalism* (O.U.P.).
 Hazard, J. N., *The Soviet system of government* (Univ. of Chicago).

64. 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.

This course will be concerned with bureaucracy in industrial societies. Particular attention will be paid to public bureaucracies in the United Kingdom, U.S.A. and Australia. It will include studies of:

- (i) Bureaucracy: its social implications.
- (ii) Administrative theory: the structure of large scale organisations, group behaviour, co-ordination, communication and control.
- (iii) The Public Service: its structure, functions and its problems; the relations of administrative units with other organs of government and with the public.
- (iv) Administrative problems in the federal system of government.
- (v) Public enterprise and public control.
- (vi) Local government.

Preliminary reading:

Finer, S. E., *A primer of public administration* (Muller).

Blair, Leo, *The Commonwealth public service* (M.U.P.).

Essential references:

Spann, R. N. (ed.), *Public administration in Australia* (Government Printer, Sydney).

Miller, J. D. B., *Australian government and politics* (Duckworth).

Davis, S. R. (ed.), *The government of the Australian states* (Longmans).

Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).

Whyte, William H., *The organisation man* (Pelican).

Australia, Parliament: Public service recruitment, committee of enquiry into, *Report* (Boyer Committee) (Government Printer, Canberra).

Useful references:

Dinnock, M. E., *Administrative vitality* (Routledge).

Merton, R. K., *Reader in bureaucracy* (Free Press).

Marx, F. M., *The administrative state* (Chicago U.P.).

Parker, R. S., *Public service recruitment in Australia* (M.U.P.).

Davies, A. F., *Australian democracy* (Longmans).

Utey, T. E., *Occasion for Ombudsman* (Christopher Johnson).

Chapman, Brian, *The profession of government* (Allen and Unwin).

Strauss, E., *The ruling servants* (Allen and Unwin).

Marshall, G., and Moodie G. S., *Some problems of the constitution* (Hutchinson).

Beer, S. H., *Treasury control* (O.U.P.).

Marcham, F. G., *A constitutional history of modern England, 1485 to the present* (Harper).

Gerth, H. H., and Mills, C. (eds.), *From Max Weber, Essays in sociology* (Routledge).

Marx, F. M. (ed.), *Elements of public administration*, 2nd edition (Prentice-Hall).

Students will be referred to a wide range of official publications.

66. Politics IIIA.

Political and Social Theory.

Pre-requisite subject: Politics IIA or IIB.

A third-year course; not available to exempted students.

This course will be devoted to:

- (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.

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).

Sabine, G. H., *A history of political theory* (Holt, Rinehart, Winston).

Wolin, S. S., *Politics and vision* (Allen and Unwin).

Ebenstein, W., *Great political thinkers* (Rinehart).

Spitz, D., *Patterns of anti-democratic thought* (Macmillan).

McGovern, W. M., *From Luther to Hitler* (Harrap).

- Hartz, L., *The liberal tradition in America* (Harcourt Brace).
 Hofstadter, R., *The age of reform* (Cape).
 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).
 Schapiro, L. (ed.), *The U.S.S.R. and the future* (Praeger).
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and autocracy* (Harvard).
 Webb, L. C. (ed.), *Legal personality and political pluralism* (M.U.P.).
 Horn, R. A., *Groups and the constitution* (Stanford).
 Kornhauser, W., *The politics of mass society* (Routledge).
 Marshall, T. H., *Sociology at the crossroads* (Heinemann).
 Cole, G. D. H., *Studies in class structure* (Routledge).
 Reissmann, L., *Class in American society* (Routledge).
 Bendix, R., and Lipset, S. M. (eds.), *Class, status and power* (Routledge).
 Lipset, S. M., *Political man* (Heinemann).
 Mosca, G., *The ruling class* (McGraw-Hill).
 Burnham, J., *The managerial revolution* (Putman).
 Mills, C. W., *The power elite* (O.U.P.).
 Lipset, S. M., et al., *Union democracy* (Free Press).
 Finer, S. E., *The man on horseback* (Pall Mall Press).
 Michels, R., *Political parties* (Free Press).
 Duverger, M., *Political parties* (Methuen).
 McKenzie, R. T., *British political parties* (Heinemann).
 Leiserson, A., *Parties and politics* (Knopf).
 Hobhouse, L. T., *Social development* (Allen and Unwin).

67. Politics IIB.

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 and nature of international society. An analytical inquiry into the nature and workings of the modern multi-state system. It will include a study of the nation state, diplomacy, international law, and international organization. It will also include a study of notions prevailing in the analysis of international society, for example—sovereignty, national interest, power politics, nationalism, the balance of power, collective security, and the possibility of a single world order.
- (ii) Current issues of international politics. Examples of contemporary inter-state behaviour.

Reading Guide: A more comprehensive guide, broken down by topics, will be available at the beginning of the course.

- Beloff, Max, *Foreign policy and the democratic process* (O.U.P.).
 Briery, J. L., *The law of nations* (O.U.P.).
 Bull, H., *The control of the arms race* (Weidenfeld and Nicolson).
 Carr, E. H., *The twenty years crisis* (Macmillan).
 Chambers, F. P., *This age of conflict* (Harcourt Brace).
 Claude, I. L., *Swords into ploughshares* (Random House).
 Smith, G. Comel-, *Pattern of the post-war world* (Penguin).
 Frankel, J., *The making of foreign policy* (O.U.P.).
 Herz, J., *International politics in the atomic age* (Columbia).
 Kennan, G., *Russia and the west under Lenin and Stalin* (Hutchinson).
 Kitzinger, U., *The challenge of the common market* (Blackwell).
 Levi, W., *Australia's outlook on Asia* (Angus and Robertson).
 Manning, C. A. W., *The nature of international society* (Bell).
 Miller, J. D. B., *The Commonwealth in the world* (Duckworth).
 Morgenthau, H. J., *Politics among nations* (Knopf).
 Nicholas, H., *The United Nations as a political institution* (O.U.P.).
 Nicolson, H., *Diplomacy* (H.U.L.).

- Niebuhr, R., *Moral man and immoral society* (Scribner).
 Northedge, F. S., *British foreign policy* (Allen and Unwin).
 P.E.P., *European organizations* (Allen and Unwin).
 Russell, F. M., *Theories of international relations* (Appleton-Century-Crofts).
 Schuman, F. L., *International politics* (McGraw-Hill).
 Waltz, K. N., *Man, the state, and war* (Columbia).
 Wight, M., *Power politics* (R.I.A.A.).

69. Politics 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 to undertake

- (a) such Honours work as may be required in connection with the courses in Politics II and III.
- (b) the fourth year of Honours work including tutorial discussions, the writing of a thesis and written examinations.

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, including logic.

Books:

- Hospers, J., *Introduction to philosophical analysis* (Routledge and Kegan Paul).
 Ayer, A. J., *The problem of knowledge* (Pelican).
 Copi, I. M., *Introduction to logic*, 2nd edition (Macmillan).
 Descartes, *Philosophical writings*, translated by Anscombe and Geach (Nelson).

73. Philosophy II.

The course of lectures is given every year and is completed in one year. It is concerned with general philosophy, including logic, leading on from the first-year course.

Books:

- Locke, *Essay concerning human understanding* (Everyman).
 Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).
 Hume, *Treatise of human nature*, Book I (Everyman).
 Hospers, J., *Human conduct* (Harcourt Brace).
 Mill, J. S., *Utilitarianism* (Fontana).
 Prior, A. N., *Formal logic*, 2nd edition (O.U.P.).

76. 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., *Methods of logic*, 2nd edition (Allen and Unwin).
 Quine, W. V., *From a logical point of view* (Harvard).
 Armstrong, D. M., *Perception and the physical world* (Routledge).
 Gardiner, P., *The nature of historical explanation* (O.U.P.).
 Berlin, I., *Historical inevitability* (O.U.P.).
 Austin, J. L., *Sense and sensibilia* (O.U.P.).
 Austin, J. L., *Philosophical papers* (O.U.P.).

77. 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*, Books II and 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.).

79. 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:

- 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).

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 psychological statistics. 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.

81. Psychology I.

This course is identical with that given for Psychology IA with the exception that the essay and tutorial requirement is replaced by a laboratory course. 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 design; statistics as applied to psychological observations.

Text-book:

Munn, N., *Psychology. The fundamentals of human adjustment*, 4th edition (Houghton Mifflin).

Other books used in the course:

- Hebb, D. O., *A text-book of psychology* (Saunders).
 Lundin, R. W., *Personality, an experimental approach* (Macmillan).
 Skinner, B. F., *Science and human behaviour* (Macmillan).
 Eysenck, H. J., *Uses and abuses of psychology* (Penguin).

82. Psychology IA.

The course comprises two lectures and one tutorial a week, and two substantial essay requirements. In addition, students will be required to spend periods not exceeding a total of five 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.

The topics will cover: learning, perception and motivation; the organization of the nervous system; receptor and effector mechanisms; maturation and individual differences; thinking and emotion.

Text-book:

Munn, N., *Psychology. The fundamentals of human adjustment*, 4th edition (Houghton Mifflin).

Other books used in the course:

Hebb, D. O., *A text-book of psychology* (Saunders).

Lundin, R. W., *Personality, an experimental approach* (Macmillan).

Skinner, B. F., *Science and human behaviour* (Macmillan).

Eysenck, H. J., *Uses and abuses of psychology* (Penguin).

Special Note.—Extensions for written work to be submitted in Psychology I and IA will only be given in those cases where a request in writing is accompanied by a medical certificate.

83. Psychology IIA.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week in the first and second terms on the general principles of sampling and statistical inference and parametric and non-parametric techniques applied to psychological data; (iii) Laboratory: an average of three hours a week in the first and second terms devoted to experiments and demonstrations.

This course is designed to provide a more intensive study of the fundamental psychological processes and an introduction to third-year work on general and experimental psychology. The topics covered include learning, perception, thinking and remembering, motivation and emotion. Emphasis will be placed on contemporary behaviour theories in relating the functioning of psychological processes to the behaviour of the organism as a whole. A section of the course will deal with Comparative Psychology.

Basic reading:

Hebb, D. O., *The organisation of behaviour* (Wiley).

Hilgard, E. R., *Theories of learning*, 2nd edition (Methuen).

Hilgard, E. R., and Marquis, D. G., *Conditioning and learning*, 2nd edition revised by G. A. Kimble (Methuen).

Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd 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* (Methuen).

84. Psychology IIB.

Developmental Psychology.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week in the first and second terms on the general principles of sampling and statistical inference and parametric and nonparametric techniques applied to psychological data; (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, 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 experimental, clinical and social psychological evidence relating to some of the special problems of various developmental stages and to deviant behaviour.

Text-books:

- Goodenough, F. L., and Tyler, L. E., *Developmental psychology*, 3rd edition (Appleton-Century-Crofts).
 Munn, N. L., *The evolution and growth of human behaviour* (Houghton Mifflin).
 Pressey, S. L., and Kuhlen, R. G., *Psychological development through the life span* (Harper).
 Zubek, J. P., and Solberg, P. A., *Human development* (McGraw-Hill).

Reference books:

- Carmichael, L. (ed.), *Manual of child psychology*, 2nd edition (Wiley).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
 Hurlock, E. B., *Developmental psychology*, 2nd edition (McGraw-Hill).
 Piaget, J., *Logic and psychology* (Manchester U.P.).
 Tanner, J. M., and Inhelder, B. (ed.), *Discussions on child development*, volumes 1 to 4 (Tavistock Publications).
 Thomson, R., *The psychology of thinking* (Pelican).

86. Psychology IIIA.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week concerned with design and analysis of experiments, field studies, etc. The course includes analysis of variance and factor analysis and further consideration of previously studied parametric and non-parametric techniques; (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, students will be required to complete a minor research project on a psychological problem.

This course will be organized around the themes of personality, and experimentally based theories of normal and abnormal behaviour, with special 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: classification and theories of behaviour disorders; mental deficiency; problems of assessment and therapy.

Basic reading:

- Hebb, D. O., *The organisation of behaviour* (Wiley).
 Pavlov, I.P., *Lectures on conditional reflexes* (Lawrence, Wishart).
 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).
 Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).
 Diamond, S., Balvin, R. S., Diamond, F. R., *Inhibition and choice* (Harper and Row).
 Broadbent, D., *Perception and communication* (Pergamon).

87. Psychology IIB.

(Social psychology)

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week concerned with design and analysis of experiments, field studies, etc. The course includes analysis of variance and factor analysis and further consideration of previously studied parametric and non-parametric techniques; (iii) Laboratory and field studies: an average of six hours a week in first and second terms.

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, L., and Katz, D. (eds.), *Research methods in the behavioural sciences* (Dryden).
Klein, J., *The study of groups* (Routledge and Kegan Paul).
Tagiuri, R. and Petruccio, L. (eds.), *Person perception and interpersonal behaviour* (Stanford).
Cartwright, D., and Zander, A. (eds.), *Group dynamics*, 2nd edition (Row Peterson).
Lewin, K., *Field theory in social science* (Tavistock).
Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
Siegel, S., *Non-parametric statistics* (McGraw-Hill).

89. Psychology 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 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.

ADDITIONAL SUBJECTS.

The Psychology Department also provides syllabuses 167 (see under Physical Education), 313, 316, and 319 (see under Faculty of Science).

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 or Biology 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.

Certain candidates for the degree of B.Sc. may enrol for Geography IIC—Climatology. Geography IIC is not available as a subject for the degree of B.A.

91. Geography I.

Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns and associated animal life; the nature and distribution of population; utilisation 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 exercises will be held during the year.

Preliminary reading:

Briault, E. W. H., and Hubbard, J. H., *An introduction to advanced geography* (Longmans).

Text-book:

Bates, M., *Man in nature* (Prentice-Hall).

Finch, V. C., and others, *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill).

Reference books:

Brunhes, J., *Principles of human geography*, new English edition (Harrap).

Forde, C. D., *Habitat, economy and society* (Methuen).

James, P. E., and Kline, H. V. B., *Geography of man*, 2nd edition (Ginn).

Kellogg, C. E., *The soils that support us* (Macmillan).

Montagu, M. F. A., *Man, his first million years* (Mentor).

Morgan, F. W., *Ports and harbours*, revised edition (Hutchinson University Library).

Murphey, R., *An introduction to geography* (Rand McNally).

Newbigin, M., *Plant and animal geography* (Methuen).

Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).

Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).

U.S.A. Department of Agriculture Year Books, 1938 and 1948.

Vidal de la Blache, P., *Principles of human geography* (Constable).

Wagner, P. L., and Mikesell, M. W., *Readings in cultural geography* (University of Chicago Press).

Birch, T. W., *Maps: topographical and statistical* (O.U.P.).

Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen).

Raisz, E., *General cartography* (McGraw-Hill, 1949).

Robinson, A. H., *Elements of cartography* (Wiley, 1960).

Other references will be prescribed by the lecturers.

92. 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.

ECONOMIC ACTIVITIES—A detailed study.

Nature of wants and resources; selected examples of primitive economies, extractive industries, subsistence agriculture, tropical plantation agriculture, and commercial agriculture; the mineral-fuel base of manufacturing industry; energy industries; transportation; other factors influencing the location of industry; heavy industry (iron and steel, chemicals) and consumer good industries (textiles, motor vehicles). Trade problems, with emphasis on commodity stabilisation; the growing pressure of population on world resources.

Text-books:

Alexander, J. W., *Economic geography* (Prentice-Hall, 1963).

Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson, 1961).

Reference books:

- Finch, V. C., and others, *Elements of geography*, 4th ed. (McGraw-Hill, 1957).
 Unstead, J. F., *A world survey from the human aspect* (University of London Press, 1961).
 Zimmermann, E. W., *World resources and industries* (Harper, 1951).
 Pounds, N. J. G., *The geography of iron and steel* (Hutchinson, 1959).
 Meier, R. L., *Science and economic development* (Wiley, 1956).
 Lewis, C. G., and Campbell, J. D. (eds.), *The Oxford atlas* (O.U.P., 1952).

Further selected references will be prescribed by the lecturer.

93. Geography II.

A. PHYSICAL GEOGRAPHY: Basic principles of geomorphology and biogeography, with special reference to Australia.

B. HUMAN GEOGRAPHY: Principles of economic, settlement, and regional geography, with special reference to Australia.

C. PRACTICAL WORK: Tutorials and practical classes will be held during the year. Field camps will be held before the beginning of the first term. All students should contact the Department during the enrolment period and not later than 8th February, 1964.

Text-Books:

- Davidson, F. G., *The industrialisation of Australia*, revised edition, 1961 (M.U.P.).
 Houston, J. M., *A social geography of Europe* (Duckworth).
 Wadham, S. M., and others, *Land utilisation in Australia*, 4th edition (M.U.P.).

Reference books:

- A. Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).
 Derruau, M., *Précis de géomorphologie* (Masson, 1958).
 Dury, G. H., *The face of the earth* (Pelican).
 Sparks, B. W., *Geomorphology* (Longmans, 1960).
 Thornbury, W. D., *Principles of geomorphology* (Wiley, 1954).
 Australia, C.S.I.R.O., *The Australian environment*, 3rd ed. (Melbourne, 1960).
 Elton, C. S., *The ecology of invasions by animals and plants* (Methuen).
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).
 Keast, A., *Biogeography and ecology in Australia* (Junk, the Hague, 1959).
 Kellogg, C. E., *The soils that support us* (Macmillan).
 Robinson, G. W., *Soils, their origin, constitution and classification*, 3rd edition (Murby, and Allen and Unwin, 1951).
 B. Grondona, L. St. C., *Australia in the 1960's* (Anthony Blond).
 Australia, National Development, Dept. of, *Atlas of Australian resources* (The Dept., Canberra).
 Australia, Census and Statistics, Bureau of, *Official year book*.
 Lebon, J. H. G., *An introduction to human geography* (Hutchinson, Univ. Library).
 Mayer, H. M., and Kohn, C. F., *Readings in urban geography* (Univ. of Chicago Press).
 Smailes, A. E., *The geography of towns* (Hutchinson Univ. Library).
 C. Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).
 Debenham, F., *Map making* (Blackie).
 Dury, G. H., *Map interpretation* (Pitman, 1960).
 Gregory, S., *Statistical methods and the geographer* (Longmans).
 Higgins, A. L., *Elementary surveying* (Longmans).
 Miller, A. A., *The skin of the earth* (Methuen, 1953).
 Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen, 1952).
 Robinson, A. H., *Elements of cartography* (Wiley, 1960).

Other texts and current publications will be prescribed by the lecturers.

94. Geography IIC.

Climatology.

Subject to the approval of the Faculty of Science, this subject may be taken under certain conditions by candidates for the degree of B.Sc. It is not available as a subject for the degree of B.A.

It consists of a course of lectures and practical work extending over one term.

Reference books:

- Geiger, R., *The climate near the ground* (Harvard).
 Petterssen, S., *Introduction to meteorology*, 2nd edit. (McGraw-Hill).
 Sutton, O. G., *Micrometeorology* (McGraw-Hill).

96. Geography III.

Students will be required to select one course from each of the following groups: A, B, C. In addition, a series of lectures will be given on Methodology and the History of Geographical Thought.

A. PHYSICAL GEOGRAPHY: Geomorphology; Climatology; Biogeography; Cartography.

B. HUMAN GEOGRAPHY: Geography of Early Man, Social geography, Historical Geography, Cartography.

C. REGIONAL GEOGRAPHY: In 1964 courses will be given on the following regions: U.S.S.R., India and Pakistan; Japan.

D. PRACTICAL: Field camps will be held in 1964 during the May and August vacations.

Text-books:

Geography of Early Man—

The human species (Scientific American).

Historical Geography—

Meinig, D. W., *On the margins of the good earth* (A.A.G., Monograph, No. 2, 1962).

Reference books:

A. PHYSICAL GEOGRAPHY.

Geomorphology.

- Cotton, C. A., *Climatic accidents* (Whitcombe).
 Tricart, J., and Cailleux, A., *Cours de géomorphologie*, various volumes.
 Derrouau, M., *Précis de géomorphologie* (Masson).
 Sparks, B. W., *Geomorphology* (Longmans, 1960).
 Thornbury, W. D., *Principles of geomorphology* (Wiley).
 King, L. C., *Morphology of the earth* (Oliver and Boyd).

Climatology.

- Haurwitz, B., and Austin, J. M., *Climatology* (McGraw-Hill).
 Petterssen, S., *Introduction to meteorology* (McGraw-Hill).

Biogeography.

- Darlington, P. J., *Zoogeography* (Wiley).
 Ekman, S., *Zoogeography of the sea* (Sidgwick and Jackson).
 Elton, C. S., *The ecology of invasions by animals and plants* (Methuen).
 Good, R., *The geography of the flowering plants* (Longmans, 1953).
 Hesse, R., Allee W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).
 Newbigin, M., *Plant and animal geography* (Methuen).
 Odum, G. P., *Fundamentals of ecology*, 2nd edition (Saunders).
 Richards, P. W., *The tropical rain forest* (Cambridge).
 Schimper, O., *Plant geography upon a physiological basis* (Oxford, 1903).
 Thomas, W. L. (ed.), *Man's role in changing the face of the earth* (Chicago U.P.).
 UNESCO, *Arid zone research symposium*, 1955 (Paris).
 Warming, E., *Oecology of plants* (Oxford, 1909).

B. HUMAN GEOGRAPHY.

Geography of Early Man.

- Anderson, Edgar, *Plants, man and life* (Little, Brown and Co.).
 Beals, R. L., and Hoijer, H., *Introduction to anthropology* (Macmillan).
 Sauer, C. O., *Agricultural origins and dispersals* (American Geographical Society).
 Thomas, W. L., et al, *Man's role in changing the face of the earth* (Chicago U.P.).
 Zeuner, F. E., *The pleistocene period* (Hutchinson, 1959).

Social Geography.

- Beaujeu-Garnier, J., *Geographie de la population*, 2 vols. (Editions Genin, Libraire de Medicis, Paris, 1956 and 1958.)
 Dickinson, R. E., *The population problem of southern Italy: an essay in social geography* (Syracuse Univ. Press, 1955).
 Dickinson, R. E., *The west European city*, 2nd Edit. 1962.
 Mayer, H. M. and Kohn, C. F., *Readings in urban geography*, 1959.

Historical Geography.

- Crawford, R. M., *Australia* (Hutchinson University Library, 1952).
 Darby, H. C. (ed.), *The historical geography of England before 1800 A.D.* (C.U.P.).
 Harris, A. M., *The rural landscape of the East Riding of Yorkshire* (Hull Univ. Press).
 Mitchell, J. B., *Historical geography* (English Universities Press, 1954).
 Roberts, S. H., *The history of Australian land settlement* (M.U.P.).

C. REGIONAL GEOGRAPHY.

U.S.S.R.

- Baransky, N. N., *Economic geography of the U.S.S.R.* (Moscow, 1956).
 Cole, J. P., and German, F. C., *A geography of the U.S.S.R.* (Butterworth, 1961).
 Shabad, T., *Geography of the U.S.S.R.* (Columbia U.P., 1958).
 Suslov, S. P., *Physical geography of Asiatic Russia* (Freeman, 1961).

India and Pakistan.

- Desai, A. R., *Introduction to rural sociology in India*.
 Dube, S. C., *India's changing villages* (Routledge and Kegan Paul, Cornell Univ. Press).
 Majumdar, D. N., *Races and cultures of India* (Asia Publishing House).
 Pannikar, K., *Common sense about India* (Victor Gollancz, 1959).
 India, Planning Commission, *The new India; Progress through democracy*.
 India, Planning Commission, *The first five year plan*, Delhi 1951, *The second five year plan*, Delhi 1956, *Problems in the third plan*, Delhi 1961.
 India, Planning Commission. Programme Evaluation Organisation. *Evaluation report on working of community projects*, Delhi 1956 and 1957.
 Sinha, M. R., *A decade of economic development and planning in India* (Asia Publishing House, 1958).
 Spate, O. H. K., *India and Pakistan* (Methuen).
 For detailed Bibliography see Journal of Asian Studies, Vol. XVIII, Sept., 1959. U.S.S.R.

Japan.

- Trewartha, G. T., *Japan: a physical, cultural and regional geography* (University of Wisconsin Press, 1945).
 Smith, T. C., *The agrarian origins of modern Japan* (Stanford University Press, 1959).
 Allen, G. C., and Donnithorne, A. G., *Western enterprise in far eastern economic development* (Allen and Unwin, 1954).
 Thompson, W. S., *Population and progress in the far east* (University of Chicago Press, 1959).
 Hewes, L. I., *Japan—land and men* (Iowa State College Press, 1955).

99. 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 to undertake

- (a) such Honours work as may be required in connection with the courses in Geography II and III;
- (b) a fourth year of Honours work including tutorial discussions, written examinations and a field study on a selected geographical problem.

EDUCATION**101. Education.**

This course is an introduction to the history of education and is compulsory for students proceeding to either the Diploma in Education (Old Regulations) or the Associateship in Arts and Education.

The following books should be read:

- Austin, A. G., *Australian education, 1788-1900* (Pitman).
 Barnard, H. C., *A short history of English education* (U.L.P.).
 Berdie, R. F., *Manpower and the schools* (A.C.E.R.).
 Boyd, W., *History of western education* (Black).
 Browne, G. S., *Education in Australia* (Macmillan).
 Brubacher, J. S., *Eclectic philosophy of education* (Prentice Hall).
 Brubacher, J. S., *History of the problems of education* (McGraw Hill).
 Butts, R. F., *Assumptions underlying Australian education* (A.C.E.R.).
 Butts, R. F., *Cultural history of education* (McGraw Hill).
 Cubberley, E. P., *History of education* (Mifflin).
 Curtis and Boulwood, *Short history of educational ideas* (University Tutorial Press).
 Current Affairs Bulletin, vol. 14, No. 8, *Our schools* (University of Sydney).
 Current Affairs Bulletin, vol. 21, No. 3, *Independent schools of Australia* (University of Sydney).
 Current Affairs Bulletin, vol. 30, No. 6, *State aid for independent schools* (University of Sydney).
 Dewey, J., *Democracy and education* (University of Chicago Press).
 Dewey, J., *School and society* (University of Chicago Press).
 Eby, F., *The development of modern education* (Prentice Hall).
 Eby and Arrowood, *History and philosophy of education, Ancient and Medieval* (Prentice Hall).
 Education Department of South Australia, *What are our schools doing?*
 Monroe, P., *Brief course in the history of education* (MacMillan).
 Plato, *Republic*.
 Portus, G., V., *Free, compulsory and secular: a critical estimate of Australian education* (O.U.P.).
 Rousseau, J. J., *Emile*.
 Rusk, R. R., *Doctrines of the great educators* (Macmillan).
 Smeaton, T. H., *Education in South Australia* (Rigby).

102. Educational Psychology IA.

Candidates should consult the syllabus for Educational Psychology I [Old] (116) under the Old Regulations for the Diploma in Education (see below).

103. Practical Teaching and Methodology A.

1. For candidates enrolling for this subject there will be an integrated course comprising:

- (a) PRACTICAL TEACHING, for which the prescribed period of supervised teaching practice extends over an aggregate of at least 10 weeks; and
- (b) METHODOLOGY
 Details of this section of the course, and the books and periodicals for reading and reference, will be prescribed by the Lecturers.

2. For candidates who by the end of 1961 have already passed in Part I of Principles of Pre-Primary Education or Principles of Primary Education or Principles of Secondary Education, the course comprises:

- (a) PRACTICAL TEACHING, for which the prescribed period of supervised teaching practice extends over an aggregate of at least 10 weeks; and
- (b) METHODOLOGY:
One of the following

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 Boulton, 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).

OR

Primary Education IIA.

Two lectures a week.

- (a) Practical problems associated with teaching in the primary school.
- (b) A general survey of the nature, value and teaching of social studies in the primary school, leading to a consideration of the relationship of the individual to society.

Books prescribed for reading:

- Allen, G., *Social studies in the primary school* (Macmillan).
Dray, J., and Jordan, D., *A handbook of social studies* (Methuen).
Knox, H. M., *Introduction to educational method* (Oldbourne Press).
Hughes, A. G., and E. H., *Learning and teaching: An introduction to psychology and education* (Longmans Green & Co).
Haine, H. E., *Classroom psychology* (Jacaranda Press).
Melvin, A. Gordon, *General methods of teaching* (McGraw-Hill Book Co.).
Schorling, Raleigh and Wingo, G. Max, *Elementary school student teaching* (McGraw-Hill Book Co.).

Reference books:

- Gasking, D. A. T., *Examinations and the aims of education* (Melbourne U.P.).
Butts, R. Freeman-, *Assumptions underlying Australian education* (A.C.E.R.).
Hughes, A. G., and R. N., *Learning and teaching* (Longmans, Green & Co.).

OR

Secondary Education IIA.

The course consists of two hours lectures and seminars a week, together with such essays, seminar papers and other written work as may be prescribed from time to time.

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 Secondary Education IIA should consult the lecturers in the various secondary school subjects early in the academic year for reading lists.

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-book:

Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

Reference books:

Abbie, A. A., *Human physiology* (Angus and Robertson).
 Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
 Great Britain, Ministry of Education, *Health education* (H.M.S.O.).
 Turner, C. E., *Personal and community health* (Mosby).
 Wheatley, G. M., and Hallock, G. T., *Health observation of school children* (McGraw-Hill).

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).
 Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).
 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).
 Kendrick, 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).
 Goddard, Nora L., *Reading in the modern infants school* (University of London, 1958).

107. Principles of Pre-Primary Education II.

This course, of two lectures a week and written assignments, consists of a study of the ideas of important educationists and their bearing on present infant school practice—creative play, individual and group methods. Present day trends in remedial work, use of audiovisual aids, school libraries, parent school co-operation and pre-school education.

Books prescribed for reading:

Curtis, S. J., and Boultonwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).
 Rusk, R. R., *History of infant education* (U.L.P.).
 Mellor, Edna, *Education through experience in the infant school years* (Blackwell).
 Gardner, D. E. M., *Testing results in the infants' school* (Methuen).

Gardner, D. E. M., *Long term results in infant school methods* (Methuen, 1950).

Highfield, M., *The young school failure* (Oliver and Boyd).

Logan, L. M., *Teaching the young child* (Houghton Mifflin, 1960).

National Council for Social Studies, *Social education of young children*, Mary Willcockson (ed.), 2nd revised edition, 1956.

Russell, D., *Children learn to read* (Ginn, 1949).

Churchill, Eileen, *Counting and measuring* (Routledge and Kegan Paul).

Reference books:

Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).

Strang, Ruth M., *Introduction to child study* (Macmillan).

108. Principles of Pre-Primary Education III.

This course consists of one lecture a week. It is concerned with 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 lists will be issued.

109. Principles of Primary Education I.

Two lectures a week.

A general survey of primary school aims, organization and methods.

A consideration of the principles and teaching of English, Mathematics, and Social Studies in the primary school.

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.).

Cole, J. A., and Blake, L. J., *The principles and technique of teaching* (Whitecombe and Tombs).

Allen, G., *Social Studies in the primary school* (Macmillan).

Keith, A., and Robertson, J., *The principles of arithmetic* (Blackie).

Reeves, J., *Teaching poetry* (Heinemann).

Ellwood, W. H., *A handbook for the elementary school teacher* (Whitecombe and Tombs).

Reference books:

South Australia, Education Department:

Arithmetic handbook for teachers in primary schools.

Course of instruction for primary schools: Social Studies, 1961.

Course of instruction for primary schools: English, 1962.

110. Principles of Primary Education II.

Two lectures a week.

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; and modern developments in educational practice.

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., *A handbook of social studies* (Methuen).

Glasse, 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).

Mathematical Association, London, *The teaching of mathematics in primary schools* (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 from 1836 to 1927*.
 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.

One lecture period a week.

The course will be conducted by the seminar method, and is designed to cover the function of the primary school considered in relation to the present social background; a comparative study of English and local systems; current problems and modern development in primary education.

An investigation into some aspect of primary school work will be required.

A reading list and essay and seminar topics will be supplied to students early in the academic year.

112. Principles of Secondary Education I.

The course comprises one lecture a week together with such essays and other written work as may be prescribed from time to time.

A general survey of school aims, organisation and methods with special consideration of primary schools and the lower classes in secondary schools. A survey of the application of general principles in the teaching of English, the Social Studies, Mathematics and Science.

Reference books:

- Mathematical Association, London, *The teaching of mathematics in primary schools* (Bell).
 Briault, E. W. H., and Shave, D. W., *Geography in and out of school* (Harrap).
 Great Britain, Scottish Education Department, *Primary education* (H.M.S.O.).
 Great Britain, Board of Education, *The primary school* (H.M.S.O.).
 Gurrey, P., *Teaching the mother tongue in secondary schools* (Longmans).
 Kennedy, A., *The teacher in the making* (Oliver and Boyd).
 Sampson, G. O., *English for the English* (C.U.P.).

113. Principles of Secondary Education II.

The course consists of 3 hours lectures and seminars a week together with such essays, seminar papers and other written work as may be prescribed from time to time.

The central theme of the course is the largely twentieth century movement towards "secondary education for all," and the problems which have arisen in its wake.

Considerable attention is given to secondary schools which have developed and are developing in Great Britain, Australia and the United States of America, and to the changes which "secondary education for all" has demanded. Each of the different approaches to the solution of the problem of "secondary education for all" is examined in the light of social forces and government educational policy (as revealed in the reports of Government appointed educational commissions).

More detailed aspects of the secondary school such as the principles of the curriculum, modern methods (including small group techniques), the library and its use, oral communication, audio-visual education and classroom management and control, are considered.

A particular study is made 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.

Books prescribed for reading:

- Banks, O., *Parity and prestige in English secondary education* (Routledge).
 Barnard, H. C., *A short history of English education from 1760 to 1944* (U.L.P.).
 British Ministry of Education Pamphlet No. 9, *The new secondary education* (H.M.S.O.).
 Central Advisory Council for Education, Wales, *The future of secondary education in Wales* (1949).
 Conant, J. B., *The American high school today* (McGraw-Hill, 1959).
 Connell, W. F., *The foundations of secondary education* (A.C.E.R., 1961).
 Dent, H. C., *Secondary modern schools* (Routledge, 1958).
 Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).
 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, Ministry of Education, *15 to 18, report of the central advisory council for education—England, Vol. I (Report)* (Crowther Report) (H.M.S.O.).
 New South Wales Department of Education, *Report of the committee appointed to survey secondary education in New South Wales* (1957).
 Nisbet, S., *Purpose in the curriculum* (U.L.P.).
 South Australian Inquiry Committee, *Final report* (1949).

Additional books and periodicals for reading and reference will be prescribed by the lecturers.

114. Principles of Secondary Education III.

A more advanced course of directed reading, seminar exercises and essays, 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 Great Britain, the United States of America, Australia and selected countries of western Europe and Asia; training of teachers for secondary schools; special consideration of the aims and methods of teaching in one approved subject.

One hour a week is devoted to lectures and seminars on the general part of the course. There are no lectures in the aims and methods of teaching the approved subject. Essays, seminar papers and other written work will be prescribed by the lecturers.

Books and periodicals for reading and reference will be prescribed by the lecturers.

116. Educational Psychology I [Old].

This is an introductory course dealing with the nature of the learner and the learning process. It consists of two lectures a week through the year and three assignments in the form of essays, brief case studies and/or a practical exercise.

The course will be developed as follows:

I. Preliminary Section.

The field and methods of educational psychology; its relationship to psychology.

II. Growth and Development.

The concept of growth (physical, emotional, social, intellectual and religious) and the inter-relatedness of different aspects. Characteristic features of human development through the periods of infancy, childhood and ado-

escence to maturity. The principal factors of heredity and environment which influence the development of each individual as a person and as a member of society. Personality with special reference to the self-concept. Maturation and readiness.

III. Motivation.

The motivational cycle. The basic human needs. Unconscious motivation in behaviour. Conflict, frustration, anxiety, and defence mechanisms.

VI. Individual Differences.

The interaction of nature and nurture in determining individual differences. Measuring and recording individual differences. Significance of deviations from the normal. Intelligence: its nature and measurement. The special needs of backward, retarded and gifted children. Perception as affected by needs, values, culture, etc.

V. The Social Psychology of Education.

The child as a member of society in home, school and community. Sub-cultural influences. Prejudice. Elementary group dynamics. The class as a field of social inter-action. Sociometry. Social class and its implications for education. Character: the growth and organization of general habits, attitudes and ideals. The part played in this development by various institutions and mass media. Problems of adjustment at different stages between the individual and society.

VI. Learning.

Traditional theories of learning. Fundamentals of the learning process. Factors influencing learning and retention. The importance of early perceptual experience. Concept formation. Thinking and imagination. The development of language.

VII. Mental Health.

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).

Major reference books:

- Lovell, K., *Educational psychology and children* (U.L.P.).
 Macdonald, F. J., *Educational psychology* (Wadsworth).
 Munn, N., *Psychology: the fundamentals of human adjustment* (Houghton Mifflin).
 Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).
 Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education* (Harper).
 Stone, L. J., and Church, J., *Childhood and adolescence* (Random).
 Symonds, P. M., *What education has to learn from psychology* (Columbia University).
 Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).
 Valentine, C. W., *The normal child* (Pelican).
 London University Institute of Education, *Studies in Education No. 7: The bearings of recent advances in psychology on educational problems* (Evans).

117. Educational Psychology II [Old].

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).
 London University 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).
 Kuhlén, 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)

The course for the diploma is a single, composite course of full-time study lasting for one year and requiring the whole of a candidate's time to be devoted to it. The work consists of reading, attendance at a number of tutorial and seminar classes each week, such practical and written exercises as may be prescribed, visits to schools and other institutions, periods of supervised teaching practice, and attendance at lecture courses.

Each of the lecture courses consists of one lecture a week.

121. Theory of Education I.

The following books should be read:

- Plato, *The republic*.
 Rousseau, J. J., *Emile*.
 Arnold, M., *Culture and anarchy*.
 Mill, J. S., *On liberty*.
 Berlin, I., *Two concepts of liberty*.
 Newman, J. H., *Idea of a university*.
 Leavis, F. R., *Education and the university*.
 Eliot, T. S., *Notes towards the definition of culture*.
 Williams, R., *Culture and society*.
 Livingstone, R. W., *On education*.
 Whitehead, A. N., *Aims of education*.
 Nunn, P. T., *Education: its data and first principles*.
 O'Connor, D. J., *An introduction to the philosophy of education*.

122. History of Education I.

The following books should be read:

- Monroe, P., *Brief course in the history of education* (Macmillan).
 Boyd, W., *History of western education* (Black).
 Curtis, S. J., and Boultonwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).
 Cubberley, E. P., *History of education* (Mifflin).
 Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).
 Barnard, H. C., *A short history of English education* (London U.P.).
 Curtis, S. J., and Boultonwood, M. E. A., *An introductory history of English education since 1800* (University Tutorial Press).
 Austin, A. G., *Australian education, 1788-1900* (Pitman).
 Cubberley, E. P., *Readings in the history of education* (Mifflin).
 Griffiths, D. C., *Documents on the establishment of education in New South Wales* (A.C.E.R.).

123. Sociology of Education I.

The following books should be read:

- Halsey, A. H., Floud, J., and Anderson, C. A., *Education, economy and society* (Free Press).
 Radford, W. C., *School leavers in Australia, 1959-1960* (A.C.E.R.).
 Bean, C. W., *Here my son* (Cheshire).
 Davis, A., *Social class influences on learning* (Harvard).
 New South Wales: Education, Department of, Committee appointed to Survey Secondary Education in New South Wales, *Report* (Wyndham Report).
 Riesman, D., *The lonely crowd* (Yale).
 Mackenzie, N. I., *Women in Australia* (Cheshire).
 Hoggart, R., *The uses of literacy* (Pelican).
 Jackson, B., and Marsden, D., *Education and the working class* (Routledge).
 Connell, W. F., *Growing up in an Australian city* (A.C.E.R.).

124. Educational Psychology I [New].

The following books should be read:

- Klausmeier, H. J., *Learning and human abilities: educational psychology*.
 Ripple, R. E., and Klausmeier, H. J., *Adjunct program to the above*.
 Bigge, M. L., and Hunt, M. P., *Psychological foundations of education*.
 Mussen, P. H., and others, *Child development and personality*.
 Lovell, K., *Educational psychology and children*.
 Symonds, P. M., *What education has to learn from psychology*.
 Peel, E. A., *The pupil's thinking*.
 Vernon, P. E., *The measurement of abilities*.
 Deterline, W. A., *An introduction to programmed instruction*.
 Wall, W. D., *Education and mental health*.
 Sarason, S. B., and others, *The preparation of teachers*.
 Barnes, J. B., *Educational research for classroom teachers*.

Useful background reading will be found in the following paper-backed books:

- King, R. A., *Readings for an introduction to psychology*.
 Hodgkinson, H. L., *Education in social and cultural perspectives*.
 The Insight Books published by Van Nostrand, The Foundations of Modern Psychology series published by Prentice-Hall, and various publications by Penguin Books.

125. Practical Teaching and Methodology B.

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 one seminar class a week lasting for an hour and a half and such written and practical work as may be prescribed.

131. Theory of Education II.

The following books should be read:

- Montaigne, M., *Essais*.
 Bruner, J. S., *The process of education*.
 Locke, J., *Some thoughts on education*.
 Arnold, M., *Culture and anarchy*.
 Dewey, J., *The school and society*.
 Rousseau, J. J., *Emile*.
 McCallister, W. J., *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 trahendis disciplinis*.
 Elyot, Sir Thomas, *The boke named the governour*.
 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, J., *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 nation*.
 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., *Essay on philosophical method*.
 Coleridge, S. T., *Philosophical lectures*, edited by K. Coburn.
 Suttie, I. D., *The origins of love and hate*.
 Thring, E., *Theory and practice of teaching*.
 Stewart, W. A. 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:

- Eby, F., *The development of modern education.*
 Brubacher, J. S., *A history of the problems of education.*
 Cubberley, E. P., *History of education.*
 Cubberley, E. P., *Readings in the history of education.*
 Butts, R. F., *A cultural history of education.*
 Myers, E. D., *Education in the perspective of history.*
 Marrou, H. I., *A history of education in antiquity.*
 Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval.*
 Curtis, S. J., *History of education in Great Britain.*
 Simon, B., *Studies in the history of education.*
 Austin, A. G., *Australian education, 1788-1900.*

The following books should be consulted:

- Boyd, W., *The history of western education.*
 Pollard, H. M., *Pioneers of popular education.*
 Mulhern, J., *A history of education.*
 Freeman, K. J., *Schools of Hellas.*
 Castle, E. B., *Ancient education and today.*
 Toynbee, A. J., *Study of history.*
 Mumford, L., *Condition of man.*
 Ulich, R., *Three thousand years of educational wisdom.*
 Peterson, A. D. C., *A hundred years of education.*
 Judges, A. V., *Pioneers of English education.*
 Tropp, A., *The school teachers.*
 Smith, F., *A history of English elementary education.*
 Graves, F. P., *A history of education during the Middle Ages.*
 Reisner, E. H., *Historical foundations of modern education.*
 Reisner, E. H., *Nationalism and education since 1789.*
 Fogarty, R., *Catholic education in Australia, 1806-1950.*
 Leese, J., *Personalities and power in English education.*
 Hans, N., *New trends in education in the 18th century.*
 Quick, R. H., *Essays on the educational reformers.*

Melbourne Studies in education:

- Cremin, L. A., *The transformation of the school.*
 Good, H. G., *A history of American education.*
 Barnard, H. C., *A short history of English education.*
 Griffiths, D. C., *Documents on the establishment of education in New South Wales, 1789-1880.*

Great Britain: Board of Education:

- Report of the consultative committee on the education of the adolescent*
 (Hadow Report) (H.M.S.O.).
Report of the consultative committee on secondary education (Spens
 Report) (H.M.S.O.).
Report of the committee of the secondary schools examinations council—
Curriculum and examinations in secondary schools (Norwood Report)
 (H.M.S.O.).

133. Sociology of Education II.

Much of the important reading for the course is contained in articles in learned journals; these will be indicated.

The following books should be read:

- Halsey, A. H., and others, *Education economy and society.* (Free Press.)
 Davis, A., *Social class influences on learning* (Harvard).
 Great Britain: Education, Ministry of, Central Advisory Council for
 Education, 15 to 18 (Crowther Report) (H.M.S.O.).
 Cotgrove, S. F., *Technical education and social change* (George Allen and
 Unwin).
 Radford, W. C., *School leavers in Australia, 1959-1960* (A.C.E.R.).

- Report of Robbins Committee on Higher Education in Great Britain* (If available).
- Report of the Prime Minister's committee on tertiary education in Australia* (if available).
- Clark, Burton R., *The open door college* (McGraw-Hill).
- Jackson, B., and Marsden, D., *Education and the working class* (Routledge).

Books from the following list should also be consulted:

- Lieberman, M., *Education as a profession* (Prentice-Hall).
- Ashby, E., *Technology and the academics* (Macmillan).
- Mays, J. B., *Education and the urban child* (Liverpool U.P.).
- Reissman, L., *Class in American society* (Routledge).
- Mills, C. W., *White collar* (O.U.P.).
- Halsey, A. H., *Ability and opportunity* (O.E.C.D.).
- Campbell, W. J., *Television and the Australian adolescent* (Angus and Robertson).
- Mackenzie, N. I., *Women in Australia* (Cheshire).
- Bendix, R., and Lipset, S. M., *Class, status and power* (Free Press).
- Cloward, R. A., and Ohlin, L. E., *Delinquency and opportunity* (Routledge).
- Zweig, F., *The worker in an affluent society* (Heinemann).
- Young, M., and Willmott, P., *Family and kinship in East London* (Routledge).
- Riessman, F., *The culturally deprived child* (Harper).
- Williams, R., *The long revolution* (Chatto and Windus).
- Conant, J. B., *The American high school today* (McGraw-Hill).
- Karmel, P., *Some economic aspects of education* (Cheshire).
- James, E. J. F., *Education and leadership* (Harrap).
- Eells, K. W., and others, *Intelligence and cultural differences* (University of Chicago Press, 1951).
- Great Britain: Board of Education, *The public schools* (Fleming Report) (H.M.S.O.).
- Newsom, J. H., *The education of girls* (Faber).
- Wootton, B. F., *Testament for social science* (Allen and Unwin).
- Glass, D. V. (ed.), *Social mobility in Britain* (Routledge and Kegan Paul).
- Australia: Commonwealth Office of Education and A.C.E.R., *Matriculation and after* (A.C.E.R.).
- Pedley, R., *Comprehensive education* (Gollancz).
- Musgrove, F., *The decline of the educative family* (see *Universities Quarterly*, vol. 14, No. 4, pp. 377-404).
- Oeser, O. A., *Social structure and personality in a city* (Routledge).
- Oeser, O. A., *Social structure and personality in a rural community* (Routledge).
- Borrie, W. D., and Dedman, R. M., *University enrolments, 1955-1970: a projection*.
- Berdie, R. F., *Manpower and the schools* (A.C.E.R.).
- Oddie, N. M., and Spearritt, D., *Educational activities of Victorian adolescents* (A.C.E.R.).
- Bean, C. E. W., *Here my son* (Angus and Robertson).
- Furieux, W. D., *The chosen few* (O.U.P.).
- Venables, P. F. R., *Technical education*.
- Edwards, Reese, *The secondary technical school in England* (London University Press).
- Alexander, J., *Scientific manpower* (Hilger and Watts).
- Australia: Labour and National Service, Department of, *The employment of scientists and engineers in Australia*.
- McIntosh, D. M., *Educational guidance and the pool of ability* (London University Press).
- Great Britain: Education, Ministry of, Central Advisory Council on Education, *Early leaving* (H.M.S.O.).
- Banks, O., *Parity and prestige in English education* (Routledge and Kegan Paul).
- Friedmann, G., *Industrial society* (Free Press).
- Connell, W. F., *Growing up in an Australian city* (A.C.E.R.).

Primary sources:

- Annual reports of ministers of education for each state.*
Official gazettes of education departments in each state.
Publications of bureau of census and statistics: University statistics I.
University finance.
Statistical register of South Australia.
Commonwealth year book, Part VII.
Social statistics.
Reports of Australian universities commission.
The Australian education index and The British education index should be consulted.

134. Educational Psychology II [New].

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 course will be arranged in a number of topics, each of which will be pursued in depth. These topics will vary somewhat from year to year and the special interests of individual students will be taken into account wherever practicable. However, examples of likely topics are: the psychological demands on teachers, success and failure in school, examining and problems of prediction, discipline in school and character development, classroom organisation and problems of individual differences, auto-instructional devices and learning theory, children's thinking, intelligence and creativity, motivation and the curriculum, the teacher and delinquency, research in the classroom.

The following list of recommended books is not intended to be prescriptive; nor can it be comprehensive in view of the flexibility of the course as outlined above. The first few titles may be regarded as general background reading; the remainder will assist in the investigation of various topics.

- Cronbach, L. J., *Educational psychology.*
 McDonald, S. L., and others, *Psychology in education.*
 Pressey, S. L., and others, *Psychology in education.*
 Bigge, M. L., and Hunt, M. P., *Psychological foundations of education.*
 Havighurst, R. J., *Human development and education.*
 Gordon, I. J., *Human development.*
 Prescott, D. A., *The child in the educative process.*
 Sellitz, C., et al., *Research methods in social relations.*
 Travers, R. M. W., *An introduction to educational research.*
 Bugelski, B. R., *The psychology of learning.*
 Seago, M. V., *A teacher's guide to the learning process.*
 Allport, G. W., *Becoming.*
 Two paperback series, the *Insight Books* published by Van Nostrand, and the *Foundations of Modern Psychology* series, published by Prentice-Hall, will provide valuable background reading.
 Fleming, C. M., *Teaching—a psychological analysis.*
 Ryans, D. G., *Characteristics of teachers.*
 Redl, F., and Wattenberg, W. W., *Mental hygiene in teaching.*
 Highfield, M. E., *The young school failure.*
 Haring, N. G., and Phillips, E. L., *Educating emotionally disturbed children.*
 MacPherson, J. S., *Eleven-year-olds grow up.*

- Scottish Council for Research in Education. *Educational and other aspects of the 1947 Scottish mental survey.*
- Cruickshank, W. M., and Johnson, G. O. (eds.), *Education of exceptional children and youth.*
- Schonell, F. J., *Backwardness in the basic subjects.*
- Kirk, S. A., and Johnson, G. O., *Educating the retarded child.*
- Burt, C., *The causes and treatment of backwardness.*
- Fraser, E., *Home environment and the school.*
- Stott, D. H., *The social adjustment of children.*
- Wills, W. David, *Throw away thy rod.*
- Farley, R. M., *Secondary modern discipline.*
- Vernon, P. E., *Intelligence and attainment tests.*
- Terman, L. M., and Merrill, M. A., *Measuring intelligence.*
- McClelland, D., et al., *Talent and society.*
- Getzels, J. W., and Jackson, P. W., *Creativity and intelligence.*
- Murphy, G., *Freeing intelligence through teaching.*
- Hunt, J. McV., *Intelligence and experience.*
- Russell, D. H., *Children's thinking.*
- Peel, E. A., *The pupil's thinking.*
- Piaget, J., *The language and thought of the child.*
- Tanner, J. M., *Education and physical growth.*
- Lumsdaine, A. A., and Glaser, R. (eds.), *Teaching machines and programmed learning.*
- Galanter, E., *Automatic teaching: the state of the art.*
- Fry, E. B., *Teaching machines and programmed instruction.*
- Peck, R. F., and Havighurst, R. J., *The psychology of character development.*
- Herbert, W. L., and Jarvis, F. V., *Dealing with delinquents.*
- Shields, R. W., *A cure of delinquents.*
- Nye, F. Ivan, *Family relationships and delinquent behaviour.*
- Stott, D. H., *Delinquency and human nature.*
- Cronbach, L. J., *Essentials of psychological testing*, 2nd edition.
- Schonell, F. J., and F. E., *Diagnostic and attainment testing.*
- Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition.
- Walker, A. S., *Pupils' school records.*
- Vernon, P. E., *The measurement of abilities.*
- Scottish Council for Research in Education. *Aids to educational research comprising bibliographies and plans of research.* Revised edition.
- Townsend, J. C., *Introduction to experimental method.*
- Russell, D. H., *Implications of research for Canadian classroom practices.*
- Humphrey, G., and Argyle, M., *Social psychology through experiment.*

135. Comparative Education.

The following books should be read:

- Hans, N., *Comparative education.*
- Kandel, I. L., *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. H. E., *Russia's educational heritage.*
- Ulich, R., *The education of nations.*
- Benson, C. S., *The economics of public education.*
- Cruickshank, M., *Church and state in English education, 1870 to the present day.*
- Dancy, J. C., *The public schools and the future.*

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 survey of education: 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, 1938. 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*. Leeds University 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.
 Great Britain: Education, Ministry of, Central Advisory Council on Education, 15 to 18 (Crowther Report) (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*.
 Bereday, G. Z. F., and Pennar, J. (eds.), *Politics of Soviet education*.
 Bereday, G. Z. F., Brickman, W. W., and Read, G. H., *The changing Soviet school*.

136. Thesis.

A candidate is required to consult the Professor of Education about the subject and course of reading for his thesis.

ADDITIONAL SUBJECT.

The Education Department also provides syllabus 163. (See under Diploma in Physical Education.)

MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

Music I.

This course comprises subjects 750. **Form** and 755. **History of Music I**; and a candidate in Music I should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

Music II.

This course comprises subjects 756. **History of Music II** and 795. **Musical Criticism and Aesthetics**; and a candidate in Music II should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

Music III.

This course comprises subjects 757. **History of Music III** and 798. **Special Study**; and a candidate in Music III should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

DIPLOMA IN SOCIAL STUDIES (OLD REGULATIONS)

Intending students should seek an interview with a member of the staff of the Department of Social Studies.

In addition to the syllabuses set out in detail below, Schedule I prescribes that students take—

Biology (270) or Human Biology (321)
 Psychology I (81)
 Social Economics (170) or Economics I (171)
 Psychology IIB (84)
 History IB (51) or History IIB (54) or Politics I (61) or
 Economic Development I (184).

With special permission candidates may take either Human Nutrition (287) or Physiology (715) as alternatives to Social Organization (147).

For syllabuses, see under Arts, Economics, Science or Physiotherapy.

140. Social Work II [Old].

Two lectures a week, tutorials, and practical work.

A study of social work principles and their application; a clinically-oriented study of the dynamics of human behaviour.

Students will be required to reach a satisfactory standard in practical work.

Preliminary reading:

Winnicott, D. W., *The child and the family* (Tavistock).

Perlman, H. H., *Social casework* (Chicago U.P.).

References will be given throughout the lectures.

141. Social Work III [Old].

Four lectures 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.

Preliminary reading:

Barnes, Elizabeth, *People in hospital* (Macmillan).

Stafford-Clark, D., *Psychiatry today* (Pelican).

References will be given throughout the lectures.

142. Social Organisation [Old].

One lecture a week.

A study of the administration and organisation of social welfare.

Preliminary reading:

Sawer, G., *Australian government today* (M.U.P.).

References will be given throughout the lectures.

143. Field Work A.

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 eight weeks at the end of the second year and twelve weeks at the end of the third year of the course.

144. Sociology.

Pre-requisite subjects for undergraduates: Two of the first-year subjects prescribed in the Schedules of the Diploma in Social Studies.

Two lectures a week and tutorials.

Definition and scope of sociology and its relation to other disciplines; introduction to sociological concepts.

Introduction to sociological methods and theories by reference to the contribution of Comte, Marx, Spencer, Pareto, Durkheim, Weber, Hobhouse and Radcliffe-Brown.

Analysis of social systems by reference to recent sociological studies.

Problems in Applied Sociology.

Preliminary reading:

Mitchell, G. D., *Sociology* (University Tutorial Press).

Text-book:

MacIver, R. M., and Page, C. H., *Society* (Macmillan).

Reference books:

Timasheff, N. S., *Sociological theory: its nature and growth* (Random House).

Brown, A. R. Radcliffe-, *Structure and function in primitive society* (Cohen and West).

Pritchard, E. E. Evans-, *Social anthropology* (Cohen and West).

Mead, M., *Coming of age in Samoa* (Pelican).

Sorokin, P., and others, *A systematic source book in rural sociology* (Minnesota U.P.).

Frankenberg, R., *Village on the border* (Cohen and West).

Gist, N. P., and Halbert L. A., *Urban society, 4th edition* (Crowell).

Lynd, R. M., and Lynd, H. M., *Middletown* (Harcourt Brace).

Whyte, W. F., *Street corner society* (Chicago U.P.).

Folsom, J. K., *The family and democratic society* (Routledge).

Homans, G. H., *The human group* (Routledge).

Additional references will be prescribed by the lecturer.

DIPLOMA IN SOCIAL STUDIES (NEW REGULATIONS)

Intending students should seek an interview with a member of the staff of the Department of Social Studies.

In addition to the syllabuses set out in detail below, Schedule III prescribes that students take—

History IB (51) or Politics I (61) or Philosophy I (71).

Psychology I (81) or Psychology IA (82).

Social Economics (170) or Economics I (171).

Biology (270) or Human Biology (321).

Psychology IIB (84) or another second-year subject.

For syllabuses, see under Arts, Economics or Science.

144. Sociology.

(for Syllabus see under old Regulations)

145. Social Work I [New].

Pre-requisite subjects for undergraduates: Two of the first-year subjects prescribed in Schedule III of the Diploma in Social Studies.

Two lectures a week, tutorials and practical work.

An introduction to social work and social welfare. The organisation of the social services. Individual growth and development in the setting of family and community. A study of selected welfare services, with particular reference to the role of the social worker. An introduction to practice in a social agency.

Reference books:

Hall, M. P., *The social services of modern England*, 5th edition (Routledge).

Fink, A. E., and others, *The field of social work*, 3rd edition (Holt).

Towle, C., *Common human needs* (American Association of Social Workers).

Winnicott, D. W., *The child and the family* (Tavistock).

Fraiberg, S. H., *The magic years* (Scribners).

Feldman, F. L., *The family in a money world* (Family Service Association of America).

Nicholds, E., *A primer of social casework* (Columbia U.P.).

Garrett, A., *Interviewing* (Family Service Association of America).

Hamilton, G., *Social case recording* (Columbia U.P.).

Additional references will be given throughout the lectures.

146. Social Organisation [New].

Pre-requisite subject for undergraduates: Social Work I.

Two lectures a week and tutorials.

A study of the organisation of welfare services in Australia, against the background of their development, with some reference to current issues in social policy.

Preliminary reading:

Sawer, G., *Australian government today*, 1961 edition (M.U.P.).

Reference books:

References to Australian welfare services will include—

Birch, A. H., *Federalism, finance and social legislation* (Oxford U.P.).

Campbell, W. J., *Australian State public finance* (Law Book Company).

Davies, A. F., *Australian democracy* (Longmans).

Davis, S. R. (ed.), *The government of the Australian states* (Longmans).

Davey, C. M., *Children and their law-makers* (Griffin).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Mendelsohn, R., *Social security in the British Commonwealth* (London, U.P.).

Miller, J. D. B., *Australian government and politics* (Duckworth).

Ratchford, B. U., *Public expenditure in Australia* (Duke U.P.).

Spann, R. N. (ed.), *Public administration in Australia* (N.S.W. Government Printer).

Reference will be made also to selected Australian Government documents, such as the Reports of the Commonwealth Grants Commission, to United Nations documents, and to general reference books on social welfare administration and social work.

147. Social Work II [New].

Pre-requisite subject for undergraduates: Social Work I.

Four lectures a week, tutorials and practical work.

The study of social work and social welfare continued. A study of social problems associated with family and child welfare, in mental and physical illness, and in other settings associated with the practice of social work. An analysis of policies and practice in selected welfare services with particular reference to their implications for social work. The practice of social work: attention will be given to interviewing, recording, and the processing of data from social agency records.

Students will be required to reach a satisfactory standard in practical work which will include case discussions and clinical sessions throughout the year, and, for undergraduates, practice in a social agency throughout terms I and II.

Reference books:

Friedlander, W. A., *Concepts and methods of social work* (Prentice-Hall).

Perlman, H. H., *Social casework* (Chicago U.P.).

Kahn, R. L., and Connell, C. F., *The dynamics of interviewing* (Wiley).

Barnes, E., *People in hospital* (Macmillan).

Clark, D. Stafford-, *Psychiatry today* (Penguin).

Kahn, A. J., *Issues in American social work* (Columbia U.P.).

Brown, E. L., *Social work as a profession* (Russell Sage).

Additional references will be given throughout the lectures.

FIELD WORK.

Candidates admitted as graduates should enrol for Field Work B (148) (see below).

Candidates admitted other than as graduates should enrol for Field Work A (143) (for Syllabus see under old Regulations).

143. Field Work A.

(For Syllabus see under old Regulations.)

148. Field Work B.

Before qualifying for the diploma a graduate must satisfy the Board that he has reached a satisfactory standard in practical work. This will include practice in social agencies amounting to twenty-six weeks. It will not begin usually until the student has passed the examination in Social Work II (147). Tutorials and case discussions will be held throughout the field work, and students will be required to present and to discuss assignments and case material, and undertake such tests as may be prescribed.

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.

105. Hygiene.

For syllabus, see under the Faculty of Arts.

287. Human Nutrition.

For syllabus, see under Faculty of Science.

321. Human Biology.

For syllabus, see under Faculty of Science.

153. 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.).

Perrott, J. W., *Anatomy for students and teachers of physical education* (Arnold, 1959).

Gardiner, M. Dena, *The principles of exercise therapy* (Bell, 1953).

Kendall, H. O., and Kendall, F. P., *Posture and pain* (Williams and Wilkins).

Prosser, E. M., *Manual of massage and movement* (Faber).

Rathbone, J. L., *Corrective physical education* (Saunders).

Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).

Wells, K. F., *Kinesiology—the mechanical and anatomical fundamentals of human motion* (Saunders).

154. 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.

155. 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, E. W., and Cozens, F. W., *Introduction to physical education* (Saunders, 1938 or later edition).
 Great Britain, Board of Education, *Physical education in the primary school: Part I, Moving and growing. Part II, Planning the programme* (H.M.S.O., 1952-4).
Syllabuses of physical education prepared by the Australian Education Departments.

156. 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. 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); *or*
 Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall); *or*
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954); *and*
 Eggleton, M. G., *Muscular exercise* (Paul, Trench and Trubner).
 Schneider, E. C., *Physiology of muscular activity*, 5th edition, revised by P. V. Karpovich (Saunders, 1959) *or*
 Morehouse, L. E., and Miller, A. T., *Physiology of exercise* (Mosby, 1948).

157. 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.

Reference book:

- Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).

158. 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, J. F., *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, P. C., and others, *Landmarks in the history of physical education* (Routledge and Kegan Paul).
 Randall, M. W., and Waive, 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).
 Smithells, P. A., and Cameron, P. E., *Principles of evaluation in physical education* (Harper, 1962).

163. 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.

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.

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.

164. Practical Work, 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; movement education; dancing; swimming; hiking; and camping.

166. Practical Work, 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; movement education; dancing; hiking and camping.

167. Physiological Psychology.

This course is intended to provide an appreciation of the fundamental processes involved in the learning and execution of sensory-motor skills. An attempt will be made to relate human performance to underlying anatomical and physiological characteristics wherever possible. Consideration will also be given to individual differences and changes in ability with age.

The course will extend over three terms and will consist of one lecture a week, including demonstrations and some experimental work.

Reference books:

Gardner, E., *Fundamentals of neurology*, 3rd edition (Saunders, 1958).

Gagné, R. M., and Fleishman, E. A., *Psychology and human performance* (Holt, 1959).

Welford, A. T., *Ageing and human skill* (O.U.P., 1958).

168. 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.

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 III until he has passed the final examination in Economics II, or the course in Economics II until he has passed the final examination in Economics I, or Economics (Engineering) (404) at Division I standard or higher, provided that students who have passed with distinction or near distinction in Social Economics (170) or Agricultural Economics (180) may, with the approval of the Dean of the Faculty of Economics, enrol in Economics II.

It is proposed at present to give these courses in Economics either as day or as evening lectures, as follows:

	1964	1965	1966
Economics I	Evening	Day	Evening
Economics II	Day	Evening	Day
Economics III	Evening	Day	Evening

This arrangement will permit a student to take the courses in Economics I, II, and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics I. In 1964, if enrolments make it necessary, day lectures in Economics I will be given in addition to evening lectures.

170. Social Economics.

This course is designed for students who intend to take only a one-year course in Economics, and all such students are recommended to take it instead of the course in Economics I. It will not be accepted as qualifying a student to proceed with the course in Economics II (for which Economics I is a pre-requisite), except that students who have passed with distinction, or near distinction in Social Economics may, with the approval of the Professor of Economics, be permitted to proceed with Economics II.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1964 as evening 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 income and social accounts*, 5th edition (M.U.P.).

Reynolds, L. G., *Economics* (Irwin).

Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Reference books:

Brown, A. J., *Introduction to the world economy* (Allen and Unwin).

United Nations, *National and international measures for full employment*.

Australia, Census and Statistics, Bureau of, *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*, 4th, revised, 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).

171. Economics I.

The course will be given in 1964 as evening lectures but, if enrolments make it necessary, day lectures will be given in addition. 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).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Text-books:

Downing, R. I., *National income and social accounts*, 6th edition (M.U.P.).

Tew, B., *Wealth and income*, 4th, revised, edition (M.U.P.).

Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill).

Leftwich, R. H., *The price system and resource allocation*, revised edition (Holt, Rinehart, Winston), or

Stonier, A., and Hague, D. A., *A text book of economic theory* (Longmans).

Reference books:

- Hicks, J. R., *The social framework*, 3rd edition (O.U.P.).
 United Nations, *National and international measures for full employment*.
 Stigler, G. J., *The theory of price* (revised 1953) (Macmillan).
 Benham, F., *Economics*, 5th edition (Pitman).
 Boulding, K. E., *Economic analysis*, revised edition (Harper).
 Nevin, E., *Textbook of economic analysis* (Macmillan).
 Shackle, G. L. S., *A new prospect of economics* (Liverpool U.P.).
 Ryan, W. J. L., *Price theory* (Macmillan).

Additional references will be prescribed by the lecturers.

173. 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.

Exemption from lectures in Economics II is not usually granted.

Economics II will be given in 1964 as day 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., and Williams, L. J., *Economics of industrial organisation*, 4th edition (Pitman).

Text-books:

- Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Tew, B., *Wealth and income*, 4th, revised, edition (M.U.P.).
 Great Britain. Treasury. Committee on the working of the monetary system. *Report*. (H.M.S.O.).
 Sayers, R. S., *Modern banking*, latest edition (O.U.P.).
 Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).
 Bain, J. S., *Price theory* (Holt, 1952).
 Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).
 Australia; Census and Statistics, Bureau of, *Official year book*, latest issue (Government Printer, Canberra).
 Hirst, R. R., and Wallace, R. H., *Studies in the Australian capital market* (M.U.P.).

Reference books:

- Rose, H. B., *The economic background to investment* (C.U.P.).
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).
 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.).
 Florence P. S., *The logic of British and American industry* (Routledge and Kegan Paul).
 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.).

- Bushnell, J. A., *Australian company mergers, 1946-1959* (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.).
 Hunter, A. (ed.), *The economics of Australian industry* (M.U.P.).
 Bain, J. S., *Industrial organization* (Wiley).

Additional references will be prescribed by the lecturers.

174. Public Finance.

Pre-requisite subject: Economics I or Social Economics.

This course is offered for students proceeding to the Diploma in Public Administration. It will be offered in 1964, 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, Part B.

176. Economics III.

The course will be given in 1964 as evening 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*, 5th edition (Hutchinson).
 Matthews, R. C. O., *The trade cycle* (C.U.P.).
 Ackley, G., *Macroeconomic theory* (Macmillan).
 Australia; Census and Statistics, Bureau of,
Australian balance of payments (latest issue),
Australian economy (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).
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
 League of Nations, *International currency experience*.
 Kindleberger, C. 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.

Text-book:

Downing, R. I., and others, *Taxation in Australia—agenda for reform* (M.U.P.).

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, Economic and Social Affairs, Department of, *A manual for economic and functional classification of government transactions*.

Australia; Commonwealth Grants Commission, *Reports*.

Additional references will be prescribed by the lecturers.

PART C (Economics of Labour).

Factors influencing the relative wage structure; wages and the level of economic activity; trade unions; systems of industrial relations; 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).

Fogarty, M., *The just wage* (Chapman).

Turvey, R. (ed.), *Wages policy under full employment* (Hodge).

Dunlop, J. T. (ed.), *The theory of wage determination* (Macmillan).

Walker, K. F., *Industrial relations in Australia* (Harvard).

Portus, J. H., *The development of Australian trade union law* (M.U.P.).

Roberts, B. C., *Trade unions in a free society* (Hutchinson).

Roberts, B. C., *National wages policy in war and peace* (Allen and Unwin).

Robertson, D. J., *The economics of wages* (Macmillan).

Perlman, M., *Judges in industry* (M.U.P.).

International Labour Organisation, *Job evaluation* (I.L.O. Studies and Reports N.S. 56) (Geneva, 1960).

International Labour Organisation, *Payment by results* (I.L.O. Studies and Reports N.S. 27) (Geneva, 1951).

Flanders, A., and Clegg, H. (eds.), *The system of industrial relations in Great Britain*.

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).

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).

Heady, E. O., *Agricultural policy under economic development* (Iowa State University).

Additional references will be prescribed by the lecturers.

178. 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, and a weekly seminar on applied economics. Students should consult the lecturers for guidance in preliminary reading.

179. 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.

INTERIM HONOURS:

Interim honours students shall take the course in Economic Theory (178).

FINAL HONOURS:

(i) Final honours students (except those specialising on Quantitative Methods) 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 seventh week of the first term. Four copies of the thesis typed double spaced on quarto paper must be presented not later than the first day of the second term. Students will be required to submit themselves to an oral examination on their theses during the second term.

(ii) Each student shall select two options from the following list. Classes and tutorials in these subjects will be arranged to take place in second and third terms.

Welfare Economics	Capital Theory
International Economics	Theory of Accounting
Money and Banking	Managerial Economics
	Economic Dynamics

(iii) A weekly seminar in Applied Economics will be held throughout the year.

(iv) Students who wish to specialise on Quantitative Methods may concentrate either on Econometrics or Business Statistics. For either course they should have previously passed Economics Statistics II. The work in Quantitative Methods will take the place of the usual thesis, but students will be required to carry out a research project during the long vacation preceding their final honours year.

(v) The examination will consist of:

- (a) The thesis, or two papers in Quantitative Methods.
- (b) Two papers in Applied Economics.
- (c) One paper in each of the two optional subjects.

180. 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. A student who has passed the course with distinction or near distinction may, subject to the approval of the Dean, enrol in Economics II.

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:

- Vincent, W. H. (ed.), *Economics and management in agriculture* (Prentice-Hall).
 Bishop, C. E., and Toussaint, W. D., *Agricultural economic analysis* (Wiley).
 Downing, R. I., *National income and social accounts*, 5th edition (M.U.P.).
 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:

- Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill).
 Black, J. D., *Introduction to economics for agriculture* (Macmillan).
 Halerow, 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).
 Mallyon, C. A., *Principles and practice of farm management accounting* (Law Book Co., Sydney).
 Heady, E. O., and Jensen, H. R., *Farm management economics* (Prentice-Hall).
 Drane, N. T., and Edwards, H. R., *The Australian dairy industry* (Cheshire).
 Additional references will be prescribed by the lecturers.

181. Mathematics (Economics).

Essential background: No pre-requisite subjects are formally required, but the course assumes a thorough knowledge of the syllabuses of Leaving Mathematics, Parts I and II.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1964 as day lectures. It comprises two lectures and one tutorial a week. Exercises will be set each week, and permission to sit for the final examination will not be granted unless a satisfactory standard has been reached.

The main emphasis of the syllabus will be on:

- (a) introductory calculus with applications to problems in economics and commerce;
- (b) an elementary treatment of matrix algebra with applications to economic models which consist of systems of equations; and
- (c) compound interest theory covering the periodic and continuous accumulation and discounting of single payments and series of payments.

Text-book:

- Yamane, T., *Mathematics for economists: an elementary survey* (Prentice-Hall).

Reference books:

- Allen, R. G. D., *Mathematical analysis for economists* (Macmillan).
 Allen, R. G. D., *Mathematical economics* (Macmillan).
 Donald, D. W. A., *Compound interest and annuities-certain* (C.U.P.).
 Tintner, G., *Mathematics and statistics for economists* (Rinehart).
 Kemeny, J. G., Snell, J. L., and Thompson, G. L., *Introduction to finite mathematics* (Prentice-Hall).
 Ayres, F., *Theory and problems of matrices* (Schaum Outline Series).
 Stern, M. E., *Mathematics for management* (Prentice-Hall).
 Additional references will be prescribed by the lecturers.

183. Economic Statistics I.

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics determines otherwise.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1964 as day 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, significance and elementary decision theory, including the use of the normal, t and χ^2 distributions; linear regression and correlation; time series; sample surveys; quality control; index numbers of prices and volume.

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-books:

- Karmel, P. H., *Applied statistics for economists* (Pitman).
 Griffin, J. I., *Statistics, methods and applications* (Holt, Rinehart).

Reference books:

- Mauldon, F. R. E., *The use and abuse of statistics* (University of W.A.).
 Croxton, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).
 Chernoff, H., and Moses, L. E., *Elementary decision theory* (Wiley).
 Schlaifer, R., *Probability and statistics for business decisions* (McGraw-Hill).
 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).
 Spiegel, M. R., *Schaum's outline of theory and problems of statistics* (Schaum).
 Ekeblad, F. A., *The statistical method in business* (Wiley).
 Mudgett, B. D., *Index numbers* (Wiley).
 v. Hofsten, E., *Price indexes and quality changes* (Allen and Unwin).
 Mosteller, F., and others, *Probability and statistics* (Addison Wesley).
 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):

- Australia; Parliament, *National income and expenditure*.
 Australia; Census and Statistics, Bureau of, *Official year book; Statisticians' report on Census 30th June, 1954; Labour report; Monthly review of business statistics; Monthly digest of current statistics*.

184. Economic Development I.

Pre-requisite subject: Social Economics or Economics I.

This course, comprising two lectures and one tutorial a week, will be given as evening lectures in 1964.

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:

Rostow, W. W., *The stages of economic growth* (C.U.P.).

Text-books:

Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).

Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).

Together with

either:

Clark, Sir G., *The wealth of England* (H.U.L., Oxford).

Ashton, T. S., *The industrial revolution* (H.U.L., Oxford).

Chambers, J. D., *The workshop of the world* (O.U.P.).

Or:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750* (C.U.P.); and

Court, W. H. B., *A concise economic history of Britain from 1750 to recent times* (C.U.P.).

Reference books:

Orwin, C. S., *The open fields* (O.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.).

Ashworth, W., *An economic history of England, 1870-1939* (Methuen).

Robertson, R. M., *History of the American economy* (Harcourt).

Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).

Galbraith, J. K., *The great crash* (Pelican).

Pollard, S., *The development of the British economy, 1914-1950* (Arnold).

Youngson, A. J., *The British economy, 1920-1957* (Allen and Unwin).

Forsyth, W. D., *The myth of the open spaces* (M.U.P.).

Butlin, S. J., *Australia and New Zealand Bank* (Longmans).

Butlin, N. G., *Australian domestic product, investment and foreign borrowing, 1861-1938/39* (C.U.P.).

Additional references will be prescribed by the lecturers.

186. Economic Statistics II.

Pre-requisite subjects: Economic Statistics I and General Mathematics (201) or Mathematics I (202) or Mathematics (Economics) (181).

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 1964 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.

Text-books:

Sasieni, M., Yaspan, A., Friedman, L., *Operations research, methods and problems* (Wiley).

Klein, L. R., *An introduction to econometrics* (Prentice-Hall).

Johnston, J., *Econometrics* (McGraw-Hill).

Reference books:

Heady, E., and Candler, W., *Linear programming methods* (Iowa State University).

Williams, J. D., *The compleat strategist* (Rand).

Bross, I., *Design for decision* (Macmillan).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

Spencer, M., and Siegelman, L., *Managerial economics* (Irwin).

Luce, R. D., and Raiffa, H., *Games and decisions* (Wiley).

Garvin, S., *Introduction to linear programming* (McGraw-Hill).

Additional references will be prescribed by the lecturers.

187. Economic Development II.

Pre-requisite subjects: Economic Development I or History IIB (54); and Economics III, if not already completed, must be taken concurrently.

This course, comprising two classes a week, will be given in 1964 as day lectures. 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).

Agarwala, A. N., and Singh, S. P., *The economics of underdevelopment* (O.U.P.).

Higgins, B., *Economic development* (Constable).

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.).

Hoselitz, B. F., *Theories of economic growth* (Free Press).

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).

Timbergen, 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 Donnithorne, 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.).

Nove, A., *The Soviet economy* (Allen and Unwin).

Bauer, P. T., and Yamey, B. S., *Economics of underdeveloped countries* (C.U.P.).

Marx, K., *Capital*, Vol 1 (Everyman).

Sweezy, P., *Theory of capitalist development* (O.U.P., 1942).

ADDITIONAL SUBJECT.

The Economics Department also provides syllabus 404. (See under Faculty of Engineering.)

COMMERCE.

191. 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.

The accounting framework and the recording of business transactions; the theory of double entry; basic accounting method; classification; control accounts and subsidiary ledgers; the preparation of accounting reports; the valuation problem in accounting; limiting assumptions; concepts and measurement of business income; valuation of funds employed; changing money values; comparative accounting systems in relation to group entities—business groups (partnerships and companies), governments and non-trading groups; devolution of managerial control—departmental and branch accounts; accounts of holding companies; elements of cost accounting; analysis and interpretation of accounting data.

Preliminary reading:

Goldberg, L., *An outline of accounting* (Law Book Co.).

Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).

Baxter W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).

Universities of Melbourne and Adelaide, *Accountancy exercises, first year*.

Reference books:

Gilman, S., *Accounting concepts of profit* (Ronald).

Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting, stage one* (Butterworth).

192. 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:

Rogers, G., and Voumard, L. C., *Mercantile law in Australia*, 4th edition (Butterworth).

Such statutes and other references as are mentioned in lectures.

193. 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) each week plus an accounting laboratory session (of three hours) which students are advised to attend for at least one hour. 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 and Economics I.

Historical cost accounting systems; recording and control of costs—materials, labour, manufacturing overheads; standard cost systems; profit-planning and budgeting; variable costing; overhead and joint costs; cost concepts in relation to price and production policy; financial mathematics; investment planning and the cost of capital; business finance—factors affecting the demand for capital, sources of finance, factors affecting the financial structure of companies, concepts of optimum financial structure, the Australian capital market.

Text-books:

- Mathews, R. L., *Accounting for economists* (Cheshire).
 Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).
 Anthony, R. N., *Management accountancy: text and cases*, revised edition (Irwin).
 Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).
 Howard, B. B., and Upton, M., *Introduction to business finance* (McGraw-Hill).
 Bruns, G. R., *The stock exchange* (Jenkin and Buxton).
 Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.

Reference books:

- Nickerson, C. B., *Cost accounting* (McGraw-Hill).
 Vatter, W. J., *Managerial accounting* (Prentice-Hall).
 Dean, J., *Managerial economics* (Prentice-Hall).
 Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
 Solomon, E., *The management of corporate capital* (Free Press).
 Vandell, R. F., and Coleman, A. B., *Case problems in finance* (Irwin).
 Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill) (or any standard financial mathematics text).
 Helfert, Erich A. (ed.), *Techniques of financial analysis* (Irwin).
 Grant, E. L., and Ireson, W. G., *Principles of engineering economy*, 4th edition (Ronald).
 N.A.A. *Bulletins and Research Reports*.
 Students are advised to subscribe to *The Accounting Review*.

194. 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 Management Accounting and Economics I.

Problems of income measurement and balance sheet valuation, involving valuation of shares and unincorporated businesses, accounting for investment and hire purchase transactions and price level controversies; advanced company accounts; comparative accounting systems for different classes of business enterprises—banks, investment companies, insurance companies, mining companies and pastoralists; trust accounting—executorship and bankruptcy; comparison of government, business and social accounts; evolution of financial accounting; applications of statistical theories, statistical methods, and financial mathematics to accounting and auditing; professional practice.

Text-books:

- Mathews, R. L., *Accounting for economists* (Cheshire).
 Fitzgerald, G. E., and Speck, A. E., *Holding companies in Australia and New Zealand*, 4th edition (Butterworth).
 Baxter, W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).
 Irish, R. A., *Auditing* (Law Book Co.).
 Cyert, R. M., and Davidson, H. J., *Statistical sampling for accounting information* (Prentice-Hall).
 Helfert, E. A. (ed.), *Techniques of financial analysis* (Irwin).
 Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.

Reference books:

- Edwards, E. O., and Bell, P. W., *The theory and measurement of business income* (University of California Press).
- Goldberg, L., *Concepts of depreciation* (Law Book Co.).
- Paton, W. A., and Paton, W. A., Jr., *Asset accounting* (Macmillan).
- Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).
- 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).
- American Institute of Certified Public Accountants, *Accounting research studies*.
- Yorston, R. K., Smyth, E. B., and Brown, S. R., *Advanced accounting*, 4th edition, 2 volumes (Law Book Co.).
- Fitzgerald and Schumer, *Classification in accounting* (Butterworth).
- Vance, L. L., and Neter, J., *Statistical sampling for auditors and accountants* (Wiley).
- Milne, K. L., *The accountant in public practice* (Butterworth).
- Stettler, H. F., *Auditing principles* (Prentice-Hall).
- Adamson, A. V., *The valuation of company shares and businesses* (Law Book Co.).
- Karmel, P. H., *Applied statistics for economists*, 2nd edition (Pitman).
- Paton, W. A., *Accounting theory* (Accounting Studies Press).
- Graham, B., Dodd, D. L., and Cottle, S., *Security analysis*, 4th edition (McGraw-Hill).
- Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill).
- Lerner, E. M. (ed.), *Readings in financial analysis and investment management* (Irwin).

Additional references will be set by the lecturers.

Students are advised to subscribe to *The Accounting Review*.

195. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Commercial Law B until he has passed the final examination in Commercial Law A.

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, J. A. L., and O'Neill, R. E., *Guide to Commonwealth income tax law* (Butterworth).

Reference books:

- Dean, A., *Law relating to hire purchase in Australia* (Law Book Co.).
- Mitchell, R. Else-, and Parsons, R. W., *Hire purchase law* (Law Book Co.).
- McDonald, E. F., Henry and Meek, *Australian bankruptcy law* (Law Book Co.).
- Hannan, J. P., *Treatise on the principles of income taxation* (Law Book Co.).
- Gunn, J. A. L., *Commonwealth income tax law and practice* (Butterworth).

196. Accounting (Business Management).

This course is offered annually for students proceeding to the degree of Master of Business Management and for such other students as the Professor of Commerce may approve.

It comprises two lectures a week throughout the academic year plus tutorial sessions as arranged. Written assignments will be set each fortnight during the academic year. The scope of the course is as follows:

The double-entry framework and the recording of business transactions; preparation of accounting reports for different kinds of accounting entities; concepts and measurement of costs, income and funds employed; analysis and interpretation of accounting data for financial purposes; accounting as an analytical tool in management, with particular reference to planning, decision-making and control; investment planning and control; the cost of capital; inventory control; budgeting; cost accounting systems (controlled historical cost accounting, standard costing, variable costing, mechanised and electronic accounting); the problem of overhead and joint costs; the relationship between costs and output; cost concepts in relation to business policy decisions.

Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).

Solomons, D. (ed.), *Studies in costing* (Law Book Co.).

Universities of Melbourne and Adelaide, *Accountancy exercises, first year*.

Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).

Reference book:

Grant, E. L., and Ireson, W. G., *Principles of engineering economy*, 4th edition (Ronald).

Additional references will be prescribed by the lecturers.

198. Courses for the Degree of Master of Business Management.

A. SOCIAL AND POLITICAL INSTITUTIONS AND THOUGHT.

(a) Political institutions in Australia – Federation and the Australian constitution, Australian parliaments, Australian cabinets and the executive branch of government, Australian political parties, public opinion and pressure groups in Australia, elections and political campaigns in Australia.

Text-books:

Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).

Miller, J. D. B., *Australian government and politics* (Duckworth).

Davis, S. R. (ed.), *The government of the Australian States* (Longmans).

(b) Social values and economic organization – social objectives and the welfare state, the role of government, social balance between the public and private sectors of the economy, the nature of modern capitalism, the modern corporation, control measures in a capitalist society, the socialist alternative.

Text-books:

Calbraith, J. K., *The affluent society* (Hamilton).

Calbraith, J. K., *American capitalism* (Hamilton).

Berle, A. A., and Means, G. C., *The modern corporation and private property* (Macmillan).

Mason, E. S., *The corporation in modern society* (Harvard).

(c) Australia in world affairs – the bases of Australian foreign policy, Australia's external alliance system, Australian trusteeship in New Guinea, nuclear defence, the economic problems of under-developed countries in the S.E. Asian area, the place of trade and foreign aid in their programmes, Australia's trade and aid policies.

Text-books:

Levi, W., *Australia's outlook in Asia* (Angus and Robertson).

Casey, R. G., *Friends and neighbours* (Michigan U.P.).

Bettison, D. G. (ed.), *The independence of Papua-New Guinea* (Angus and Robertson).

Nurkse, R., *Problems of capital formation in under-developed countries* (Blackwell).

Rostow, W. W., *Stages of economic growth* (C.U.P.).

B. ECONOMIC INSTITUTIONS AND POLICY.

The structure of the Australian economy — the structure of agricultural, industrial, labour and capital markets. Economic policy objectives, and weapons of economic policy — monetary, fiscal, wages and trade.

Reference books:

- Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).
 Tew, B., *Wealth and income* (M.U.P.).
 Hunter, A. (ed.), *The economics of Australian industry* (M.U.P.).
 Wheelwright, E., *Ownership and control of Australian companies* (Law Book Co.).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).
 Arndt, H. W., and Corden, M. (eds.), *The Australian economy* (Cheshire).
 Arndt, H. W., *The Australian trading banks* (Cheshire).
 Walker, K. F., *Industrial relations in Australia* (H.U.P.).
 Musgrave, R. A., *Theory of public finance* (McGraw-Hill).
 Simons, H., *Personal income taxation* (Chicago U.P.).

C. HUMAN RELATIONS.

(a) Human behaviour in an organizational setting — individual differences and group similarities, the formal and informal characteristics of organizations, the structure and content of human relationships within the organizational framework, factors influencing motivation, and the sources and effects of conflict. Application of this knowledge to case problems.

Text-books:

- Brown, J. A. C., *The social psychology of industry* (Penguin).
 Leavitt, H. J., *Managerial psychology* (Phoenix).
 Ghiselli, E. E., and Brown, C. W., *Personnel and industrial psychology* (McGraw-Hill).
 Drucker, P. F., *The practice of management* (Mercury).
 March, J. G., and Simon, H. A., *Organizations* (Wiley).
 Simon, H. A., *Administrative behaviour*, revised edition (Macmillan).
 Brown, W. B. D., *Exploration in management* (Wiley).

(b) Some topics in industrial relations — industrial conflict, joint consultation, money and motivation.

Text-books:

- Walker, K. F., *Industrial relations in Australia* (Harvard U.P.).
 Kornhauser, A., and others, *Industrial conflict* (McGraw-Hill).
 Jaques, E., *The changing culture of a factory* (Tavistock).
 Zalesnik, A., and others, *The motivation productivity and satisfaction of workers: a prediction study* (Boston).

D. ECONOMIC AND ACCOUNTING ANALYSIS

Market environment and its relation to the internal policies of the firm. Problems of cost and demand analysis for single and multi-product firms; output, product mix and pricing policies under conditions of uncertainty. Investment planning and the cost of capital. Cost concepts and their relation to different managerial decisions.

Text-books:

- Dean, J., *Managerial economics* (Prentice-Hall).
 Harlan, N. E., Christenson, C., and Vancil, R., *Managerial economics text and cases* (Irwin).

Reference books:

- Vandell, R., F., and Vancil, R., *Cases in capital budgeting* (Irwin).
 Bain, J. S., *Price theory* (Holt).
 Fog, B., *Industrial pricing policies* (North Holland).
 Kaplan, A. D. H., and others, *Pricing in big business* (Brookings Inst.).

E. BUSINESS STATISTICS.

Analysis of probabilistic processes, decision-making under uncertainty, mathematical programming, game theory. Analysis of production and marketing situations.

Text books:

- Schlaifer, R. O., *Probability and statistics for business decisions* (McGraw-Hill).
 Garvin, W. W., *Introduction to linear programming* (McGraw-Hill).
 Bursk, E. C., *Text and cases in marketing: a scientific approach* (Prentice-Hall).
 Frank, R. E., and others, *Quantitative techniques in marketing analysis* (Irwin).
 Bowman, E. H., and Fetter, R. B., *Analysis for production management* (Irwin).

References:

- Charnes, A., and Cooper, W., *Management models and industrial applications of linear programming*, Vol. I (Wiley).
 Kemeny, J. G., and others, *Finite mathematics with business applications* (Prentice-Hall).
 Vajda, S., *Mathematical programming* (Addison Wesley).
 Bierman, H., and others, *Quantitative analysis for business decisions* (Irwin).
 Manne, A., *Economic analysis for business decisions* (McGraw-Hill).

F. DECISION-MAKING.

Cases in business policy, pricing, investment planning, finance, production and marketing.

Text-books:

- Hunt, P., and others, *Basic business finance, text and cases* (Irwin).
 Craig, H. F., *Australian case studies in business administration* (Law Book Co.).

Additional references will be prescribed by the lecturers in all courses throughout the year.

FACULTY OF SCIENCE.

MATHEMATICS.

INTRODUCTORY NOTES

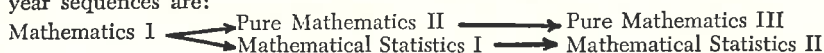
1. Attention is drawn to the pre-requisite subjects for admission to the various courses as prescribed in the syllabuses below, and to the following special points:
 - (a) Mathematics II may be presented as a subject for the degree of B.A. or B.Sc. only if neither Pure Mathematics II nor Applied Mathematics 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 either Applied Mathematics III or Mathematical Statistics II.
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, Mathematical Statistics I;
- Group C: Pure Mathematics III, Applied Mathematics III, Mathematical Statistics II;
- 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, C. V., and Robson, A., *Elementary calculus*, Vols. I and II (Bell); or

*Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd edition (Addison-Wesley).

Castle, F., *Logarithmic and other tables*, 4 figures (Macmillan); or

Yarwood, T. M., and Castle, F., *Physical and mathematical tables*, 4 figures (Macmillan).

Reference book:

Allendoerfer, C. B., and Oakley, C. O., *Principles of mathematics* (McGraw-Hill).

* 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 or 3rd edition (Addison-Wesley).

203. Mathematics II.

This course will not be given in 1964. Students who had intended entering for this course are advised to consult the Head of the Department.

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week. 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 or 3rd 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; calculus of functions of several variables.

Text-books:

Courant, R., *Differential and integral calculus*, Vol. 1 (Blackie); or

Burkill, J. C., *A first course in mathematical analysis* (C.U.P.)

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Reference books:

McDuffie, C. C., *Theory of equations* (Wiley).

Apostol, T. M., *Calculus*, Vol. I (Blaisdell).

Cohn, P. M., *Linear equations* (Kegan Paul).

Recommended general reading:

Adler, I., *The new mathematics* (Mentor, New American Library; John Day).

Waismann, F., *Introduction to mathematical thinking* (Harper torchbook; Hafner).

Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman), chapters 7, 8, and 9.

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. 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.

Preliminary reading:

Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman).

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).
 Moore, J. T., *Elements of abstract algebra* (Macmillan).

207. Applied Mathematics III.

Pre-requisite subjects: Applied Mathematics II (205) at Division I or higher standard and 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, matrices, difference equations, elasticity, hydrodynamics, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis, systems analysis.

Text-books:

- National Physical Laboratory: Mathematics Division, *Modern computing methods* (H.M.S.O.).
 Spiegel, M. R., *Vector analysis* (Schaum).
 Goursat, E., and Hedrick, E. R., *A course in mathematical analysis*, Vols. 1 and 2 (Dover; Ginn).

Reference books:

- Spain, B., *Tensor calculus* (Oliver and Boyd).
 Weatherburn, C. E., *Advanced vector analysis* (Bell).
 Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).
 Rutherford, D. E., *Vector methods* (Oliver and Boyd).
 Love, A. E. H., *A treatise on the mathematical theory of elasticity* (Dover; C.U.P.).
 Lamb, H., *Hydrodynamics* (Dover; C.U.P.).
 Jaeger, J. C., *Elasticity, fracture and flow* (Methuen).
 Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd).
 Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).

208. 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 or Mathematical Statistics II, 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.

209. 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, or Applied Mathematics II, Pure Mathematics III, Mathematical Statistics II and other prescribed courses, at a standard satisfactory to the Head of the Department.

Students are strongly advised 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, real analysis, topology, modern algebra, theory of numbers, applied analysis, numerical analysis, advanced dynamics, hydro-dynamics, systems analysis, information theory, mathematical statistics.

Students are required to write a detailed report on some topic in mathematics; the topic should be discussed with the Head of the Department towards the end of the preceding year. Work on this project should begin in the Department in the first week of February, and should be completed by the end of the second term.

213. Mathematics I (Engineering).

Pre-requisite subject: General Mathematics (201) or Mathematics I (202).

The course deals with three lectures and one two-hour 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 or 3rd edition (Addison-Wesley).

214. Mathematical Statistics I.

Pre-requisite subject: General Mathematics (201) or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one tutorial class 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, introduction to some elementary aspects of fiducial inference.

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 or 3rd 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).

216. Mathematical Statistics II.

Pre-requisite subjects: Mathematical Statistics I (214) at Division I or higher standard and Pure Mathematics II (204) at Division II or higher standard.

The course comprises four lectures and one tutorial class a week, and the syllabus is: probability theory, distribution theory, estimation, hypothesis testing, confidence regions, other methods of inference, linear hypotheses with application to analyses of variance, regression and covariance, other models in the analysis of variance.

Text-book:

Hogg, R. V., and Craig, A. T., *Introduction to mathematical statistics* (Macmillan).

Tucker, H. G., *An introduction to probability and mathematical statistics* (Academic Press).

Reference books:

Anderson, R. L., and Bancroft, T. A., *Statistical theory in research* (McGraw-Hill).

Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industries* (Wiley).

Cramer, H., *Mathematical methods of statistics* (Princeton University Press).

Fisher, R. A., *The design of experiments* (Oliver and Boyd).

Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).

Fisz, M., *Probability theory and mathematical statistics* (Wiley).

- Fraser, D. A. S., *Statistics: an introduction* (Wiley).
 Graybill, F. A., *An introduction to linear statistical models*, volume 1 (McGraw-Hill).
 Kendall, M. G., and Stuart, A., *The advanced theory of statistics*, volumes 1 and 2 (Griffin).
 Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).
 Parzen, E., *Modern probability theory and its applications* (Wiley).
 Scheffe, H., *Analysis of variance* (Wiley).

ADDITIONAL SUBJECTS.

The Mathematics Department also provides syllabuses 406, 407, and 408. (See under Faculty of Engineering.)

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 (217) and Mathematical Physics B (218).

For each subject pre-requisites are passes at division I or higher standard 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 H or Physical and Inorganic Chemistry III concurrently), or in the Physics Department (for those taking Applied Mathematics III concurrently).

217. Mathematical Physics A.

Physics III H (228) or (with the permission of the Faculty) Physical and Inorganic Chemistry III (237) 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. Complementary reading matter will be suggested by the instructors.

218. Mathematical Physics B.

Applied Mathematics III (207) 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. Complementary reading matter will be suggested by the instructors.

219. 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 H 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 H 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. A topic or topics for specialised study will be recommended by the staff of the Department.

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.

PHYSICS

INTRODUCTORY NOTES.

1. Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.
2. Students who have passed Leaving Honours Physics (and, preferably, who have also studied Leaving Honours Mathematics) normally should take Physics I. General Physics is designed for students who have not taken Leaving Honours Physics and serves as an introduction to Physics I and Physics A (Engineering). Both General Physics and Physics I are Group A subjects.
3. The course in Physics A (Engineering) is designed for *engineering* students only. It covers selected material from Physics I and Physics II not included elsewhere in the Engineering courses.
4. On completing Physics II a student may elect either to take Physics III (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 (H.) and Physics IV (Honours). A student who completes Physics III (H.) 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 any one of Pure Mathematics II and Applied Mathematics II and Mathematics II is an acceptable pre-requisite for Physics III, only Applied Mathematics II is acceptable as a pre-requisite for Physics III (H.) and Applied Mathematics III or Mathematical Physics A should be taken concurrently with Physics III (H.). 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 (H.); 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*, 3rd 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.).

222. 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:

Mechanics, properties of matter, heat and thermodynamics, optics, electricity and magnetism, and atomic and nuclear 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 and reference books.

Text-books:

Sears, F. W., and Zemansky, M. W., *University physics*, 3rd edition (Addison-Wesley).

Jenkins, F. A., and White, H. E., *Fundamentals of optics*, 3rd edition (McGraw-Hill).

French, A. P., *Principles of modern physics* (Wiley).

Reference books:

Holton, G., *Introduction to concepts and theories in physical science* (Addison-Wesley).

Wehr, M. R., and Richards, J. A., *Physics of the atom* (Addison-Wesley).

Roberts, J. K., and Miller, A. R., *Heat and thermodynamics* (Blackie).

Taylor, E. F., *Introductory mechanics* (Wiley).

223. Physics II.

Pre-requisite subjects: Mathematics I (202); and Physics I (222) at Division I or higher standard 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 are as specified for Physics I (222).

The following books are recommended in addition to those listed for Physics I (222):

Text-books:

Bleaney, B. I., and Bleaney, B., *Electricity and magnetism* (O.U.P.).

Zemansky, M. W., *Heat and thermodynamics* (McGraw-Hill)

Reference books:

Fong, P. P., *Elementary quantum mechanics* (Addison-Wesley).

Topping, J., *Errors of observation and their treatment* (Chapman and Hall).

Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

226. Physics III.

Pre-requisite subjects: Physics II (223) at Division I or higher standard; and one of Mathematics II (203), Pure Mathematics II (204), and Applied Mathematics II (205).

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.

Text-books:

Those recommended for Physics II (223) and in addition:

Hague, B., *Introduction to vector analysis for engineers and physicists* (Methuen).

Ditchburn, R. W., *Light*, 2nd edition (Blackie).

Dekker, A. J., *Solid state physics* (Macmillan).

Stephenson, G., and Kilmister, C. W., *Special relativity for physicists* (Longmans).

Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

Reference book:

Elton, L. R. B., *Introductory nuclear theory* (Pitman).

228. Physics III H.

Pre-requisite subjects: Physics II (223) 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:

Slater, J. C., and Frank, N. H., *Electromagnetism* (McGraw-Hill).

Ditchburn, R. W., *Light* (Blackie).

Pippard, A. B., *Elements of classical thermodynamics* (C.U.P.).

Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

Elton, L. R. B., *Introductory nuclear theory* (Pitman).

Reference book:

Powell, J. L., and Crasemann, B., *Quantum mechanics* (Addison-Wesley).

229. Physics IV (Honours).

Pre-requisite subjects: Applied Mathematics III (207) or Mathematical Physics A (217); and Physics III (H.) (228) at a standard satisfactory to the Professor of Physics.

The course comprises supervised practical work, and lectures in continuation of Physics III (H.) (228). Students will be required to study such text-book as may be referred to in the lecture courses.

ADDITIONAL SUBJECTS.

The Physics Department also provides syllabuses 411 (See under Faculty of Engineering); 511 (See under Faculty of Medicine); and 781 (See under Faculty of Music).

CHEMISTRY

Students who intend to take both Physical and Inorganic Chemistry III and Organic Chemistry III are advised to take the following combination 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* Mathematics II, Cell Physiology; *Third Year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

Students intending to take *one of* Physical and Inorganic Chemistry III, Organic Chemistry III are advised that the following combinations of third year subjects are also recommended:

Physical and Inorganic Chemistry III and Physics III or Pure Mathematics III or Applied Mathematics III or Biochemistry or Mathematical Physics A.

Organic Chemistry III and Biochemistry.

Other combinations of third year subjects are possible, but before proceeding with such combinations students are advised to consult the appropriate Head of Department.

Students are asked to take note of the prerequisites required for third and second year subjects when planning their course. Attention is also directed to the prerequisites for Honours in Physical and Inorganic Chemistry and for Honours in Organic Chemistry.

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 scope and standard of knowledge required for the examination is indicated by the course of lectures which 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:

Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley), and Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans), and Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans). [Students intending to proceed to Physical and Inorganic Chemistry II (233) may replace Andrews and Kokes, *Fundamental chemistry*, by: Barrow, G. M., *Physical chemistry* (McGraw-Hill). or; Moore, W. J., *Physical chemistry*, 3rd edition (Longmans), and Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier); or Gould, E. S., *Mechanism and structure in inorganic chemistry* (Holt, Rinehart and Winston).]

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 scope and standard of knowledge required for the examination is indicated by the course of lectures which deal with introductions to atomic and valence theory; systematic inorganic chemistry; and the following topics of physical chemistry: chemical thermodynamics; electro-chemistry; 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). Vogel, A. I., *Text-book of quantitative inorganic analysis*, 2nd edition (Longmans).

Reference books:

Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier). Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan). Moore, W. J., *Physical chemistry*, 4th edition (Longmans). Quagliano, J. V., *Chemistry* (Prentice-Hall).

233. Physical and Inorganic Chemistry II.

Pre-requisite subjects: General Physics (221) or Physics I (222), General Mathematics (201) or Mathematics I (202) and a Division I pass or higher in Chemistry I (231).

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*, 4th edition (Longmans); or Barrow, G. M., *Physical chemistry* (McGraw-Hill). Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.). Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier); or Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).

Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).

Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).

Reference books:

Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).

Sidgwick, N. V., *Chemical elements and their compounds*, Vols I and II (O.U.P.).

Moeller, T., *Inorganic chemistry* (Wiley).

Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).

Gould, E. S., *Mechanism and structure in inorganic chemistry* (Holt, Rinehart and Winston).

234. Chemistry IIA.

Pre-requisite subject: A Division I pass, or higher, in 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

Barrow, G. M., *Physical Chemistry* (McGraw-Hill).

Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans).

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).

237. Physical and Inorganic Chemistry III.

Pre-requisite subjects: A Division I pass, or higher, in Physical and Inorganic Chemistry II (233). Students are also recommended to have taken Organic Chemistry II (243).

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; radiochemistry and radiation chemistry.

The practical work will include preparative inorganic chemistry, experimental physical chemistry, radiochemistry and radiation chemistry.

Text-books:

Moore, W. J., *Physical chemistry*, 4th edition (Longmans); or

Barrow, G. M., *Physical chemistry* (McGraw-Hill).

Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).

Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).

Bauman, R. P., *Absorption spectroscopy* (Wiley).

Frost, A. A., and Pearson, R. G., *Kinetics and mechanism*, 2nd edition (Wiley).

Wheatley, P., *Determination of molecular structure* (O.U.P.).

Linnett, J. W., *Wave mechanics and valency* (Methuen).

Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).

Orgel, L. E., *An introduction to transition metal chemistry* (Methuen).

Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).

Reference books:

Sidgwick, N. V., *Chemical elements and their compounds*, Vols. I and II (O.U.P.).

Emeleus, H. J., and Anderson, J. S., *Modern aspects of inorganic chemistry*, 3rd edition (Routledge).

Durrant, P. J., and Durrant, B., *Introduction to advanced inorganic chemistry* (Longmans).

Coates, G. E., *Organo-metallic compounds* (Methuen).

Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier).

Friedlander, G., and Kennedy, J. W., *Nuclear and radio-chemistry* (Wiley).

Moeller, T., *Inorganic chemistry* (Wiley).

239. Honours Physical and Inorganic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (246) or Physical and Inorganic Chemistry III (237) and Physics IIIA (226) or Physical and Inorganic Chemistry III (237) and Pure Mathematics III (206), or Physical and Inorganic Chemistry III (237) and such other third-year subject as may be approved by the Faculty on the recommendation of the Professor of 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. Organic Chemistry II.

Pre-requisite subject: A Division I pass, or higher, in 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:

Tucker, S. H. (ed.), *Separation and identification of organic compounds* (U.L.P.); and

Clarke, H. T., *A handbook of organic analysis* (Arnold).

Finar, I. L., *Organic chemistry*, Vol. I (Longmans); and

Sykes, P., *A guidebook to mechanism in organic chemistry* (Longmans); and

Mann, F. G., and Saunders, B. C., *Practical organic chemistry*, 4th edition (Longmans); and

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (C.U.P.).

244. 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*, 4th edition (Longmans); or

Barrow, G. M., *Physical chemistry* (McGraw-Hill).

Organic Chemistry.

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist; the mechanisms of organic reactions; the chemistry of carbohydrates; practical work illustrating the major methods and techniques of organic chemistry.

Text-books:

Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans), and

Sykes, P., *A guidebook to mechanism in organic chemistry* (Longmans).

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) or

Conn, E. E., and Stumpf, P. K., *Outline of biochemistry* (Wiley).

246. Organic Chemistry III.

Pre-requisite subject: A Division I pass, or higher, in Organic Chemistry II (243). 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; stereochemistry and the application of physico-chemical measurements to problems in organic chemistry.

Text-books:

Badger, G. M., *The chemistry of the heterocyclic compounds* (Academic Press).

Cross, A. D., *Introduction to practical infrared spectroscopy* (Butterworths).

Gould, E. S., *Mechanism and structure in organic chemistry* (Holt).

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:

Badger, G. M., *The aromatic compounds* (C.U.P.).

Coulson, C. A., *Valence* (O.U.P.).

Eliel, E. L., *Stereochemistry of carbon compounds* (McGraw-Hill).

Hine, J., *Physical organic chemistry*, 2nd edition (McGraw-Hill).

Jackman, L. M., *Applications of nuclear magnetic resonance in organic chemistry* (Pergamon).

Newman, M. S., *Steric effects in organic chemistry* (Wiley).

Wheland, G. W., *Advanced organic chemistry* (Wiley).

249. Honours Organic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (246), or Organic Chemistry III (246) and Biochemistry (286), or Organic Chemistry III (246) 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 will be required to satisfy the Professor that they have a reading knowledge of 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.

ADDITIONAL SUBJECTS.

The Chemistry Departments also provide syllabuses 412 (See under Faculty of Engineering); 512 (See under Faculty of Medicine); 661, 671 (See under Pharmacy) and 863 (See under Technology).

SOIL SCIENCE

355. Soil Science IA.

For Syllabus see under the Faculty of Agricultural Science.

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:

Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*, 2nd edition (Freeman, 1959); or
Read, H. H., and Watson, J., *Introduction to geology*, Vol. I (Macmillan, 1962). (Recommended for students who intend to proceed to Geology II.)

Reference books:

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by Hurlbut, C. S. (Wiley, 1959).
Tyrrell, G. W., *Principles of petrology* (Methuen.).
Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).

253. 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 crystals; the principles of x-ray diffraction and structure determination; the fourteen Bravais lattices.

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 of crystals and lattices; structure determination.

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 ten 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.

Text-books:

- Dana, J. D., *Manual of mineralogy*, 17th edition revised by C. S. Hurlbut (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).
 Huang, W. T., *Petrology* (McGraw-Hill, 1962).
 Hills, E. S., *Outlines of structural geology*, 3rd edition (Methuen, 1953).
 Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).
 •Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).
 •Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).
 •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).
 Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).
 Evans, R. C., *Introduction to crystal chemistry* (C.U.P., 1952).
 McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).
 Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).
 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).
 Hill, D., and Denmead, A. K. (ed.), *The geology of Queensland* (M.U.P., 1960).
 de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).
 Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill, 1961).
 * These are also Geology III texts.

256. Geology III.

Pre-requisite subjects: Geology II (253) at Division I or higher standard; Physical and Inorganic Chemistry II (233) or Physics II (223). A candidate may be permitted to proceed to Geology III without the pre-requisite Physical and Inorganic Chemistry II or Physics II subject to the approval of the Professor of Geology (obtained in writing through the Registrar).

LECTURES.—This course consists of about ninety lectures.

Crystallography: Elementary X-ray diffraction techniques.

Petrology: The origin and mode of occurrence of igneous and metamorphic rocks.

Structural Geology: Advanced studies in structure and tectonics.

Geochemistry: Controlling factors in the distribution of chemical 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 diffraction 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 (253).

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).
 Dana, J. D., *Manual of mineralogy*, 17th edition revised by C. H. Hurlbut (Wiley, 1959).
 Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).
 Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Reference books:

- Barth, T. F. W., *Theoretical petrology*, 2nd edition (Wiley).
 Hatch, F. H., and others, *Petrology of the igneous rocks*, 12th edition (Murby, 1961).
 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).
 de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).

257. Palaeontology.

Pre-requisite subjects: Geology II (253) at Division I pass or higher standard and Zoology I (271). In special circumstances Biology (270) may be accepted as a pre-requisite instead of Zoology I (271).

To count Palaeontology as a third-year subject for the degree of B.Sc., a candidate must present also Zoology II (273) or Botany II (263) or Genetics I (293) 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., and others, *Invertebrate fossils* (McGraw-Hill, 1952).
 Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).

Reference Books:

- Easton, W. H., *Invertebrate palaeontology* (Harper, 1960).
 Glaessner, M. F., *Principles of micropalaeontology* (M.U.P., 1945).
 Andrews, H. N., *Studies in paleobotany* (Wiley, 1961).

259. Geology for the Honours Degree of B.Sc.

Candidates should specialise in an aspect of geology, e.g. mineralogy, petrology, stratigraphy, palaeontology, economic geology, structural 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.

Candidates will be required to contribute to a series of seminars. A number of short courses (including X-ray crystallography, X-ray structure determination, micropalaeontology, stratigraphy, structural geology, geophysics, mineragraphy) will be given as required.

ADDITIONAL SUBJECTS.

The Geology Department also provides syllabuses 414, 415, 416 (See under Engineering); and 861 (See under Technology).

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 and anatomy 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.

TUTORIALS.—One hour a fortnight.

FIELD WORK.—Two full-day excursions will be held on Saturdays during the year:

- (1) *Primitive Plants*—During latter part of 1st Term or early 2nd Term. Date to be arranged.
- (2) *Plant Ecology and Taxonomy*—4th Saturday of 3rd Term.

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).

263. Botany II.

Pre-requisite subjects: Chemistry I (231) and Botany I (261) at Division I or higher standard. In special circumstances, such as a credit, and on the basis of additional work in Botany, Biology (270) 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 in the first term and two lectures a week in the second and third terms. 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 books: as set during the course.

C. PLANT ECOLOGY AND PLANT GEOGRAPHY, AND ANGIOSPERM SYSTEMATICS.—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.

No text-book is recommended for the Ecology course but some reading of scientific journals is required.

Reference books:

Cain, S. A., and Castro, G. M., *Manual of vegetation analysis* (Harper).
Smith, P., Greig, *Quantitative plant ecology* (Butterworths).
Daubenmire, R. F., *Plants and environment* (Wiley).
Oosting, H. T., *Plant communities* (Freeman).

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.).

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 in the first term and six hours a week in the second and third terms 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.

264. 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 263, 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 (266).

266. Botany III.

Pre-requisite subjects: Chemistry I (231) and Botany II (263) at Division I or higher standard.

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-books:

- Bassham, J. A., and Calvin, M., *The path of carbon in photosynthesis*.
 Beever, H., *Respiratory metabolism in plants*.

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-books:

- Smith, G. M., *Manual of phycology* (Chronica-Botanica).
 Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

Reference books:

- Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).
 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.).
 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. 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 camps will be arranged during vacation time.

269. 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.

ADDITIONAL SUBJECT.

The Botany Department also provides syllabus 367. (See under Agricultural Science.)

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.

270. 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-books:

Grove, A. J., and Newell, G. E., *Animal biology*, 6th edition (University Tutorial Press).

and either:

Whaley, W. G., Breland, O. P., Heimsch, C., Phelps, A., and Schrank, A. R., *Principles of biology*, 2nd edition (Harper).

or a combination of the following:

Bold, H. C., *The plant kingdom* (Prentice-Hall).

Galston, A. W., *The life of the green plant* (Prentice-Hall).

Wallace, B., and Srb, A. M., *Adaptation* (Prentice-Hall).

Levine, R. P., *Genetics* (Holt, Rinehart and Winston).

Students should consult:

Hardin, G., *Biology, its principles and implications* (W. H. Freeman).

Simpson, G. G., Pittendrigh, C. S., and Tiffany, L. H., *Life: an introduction to biology* (Routledge and Kegan Paul).

271. Zoology I.

There are two lectures and six hours of practical work a week.

The lectures and practical exercises deal with the following topics: some invertebrate and vertebrate animals, elementary comparative physiology, genetics, evolution and the mechanism of evolution, elementary ecology.

Text-books:

Villee, C. A., Walker, W. F., and Smith, F. E., *General zoology* (Saunders).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).

Barnett, A., *The human species* (Pelican).

Browning, T. O., *Animal populations* (Hutchinson).

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).

273. Zoology II.

Pre-requisite subjects: Chemistry I (231), General Physics (221) or Physics I (223), and Zoology I (271) at Division I or higher standard. In special circumstances Biology (270) may be accepted as a pre-requisite instead of Zoology I (271).

During the first term and for the first three weeks of second term there are three lectures a week and eight hours' practical work each week. For the remainder of the second term and during the third term this is reduced to two lectures a week and six hours of practical work.

The course includes the following subjects: cellular physiology; principles of taxonomy and classification; the anatomy and phylogeny of animals, invertebrates and vertebrates; and quantitative biology (a special course offered by the Department of Genetics). Topics in anatomy are selected for their relevance to the ecology and physiology that is taught in Zoology III.

Text-books:

Borrodaile, L. A., and others, *The invertebrata*, 4th edition (C.U.P., 1961).

Young, J. Z., *The life of the vertebrates* (O.U.P.).

Reference books:

Cain, A. J., *Animal species and their evolution* (Hutchinson).

Giese, A. C., *Cell physiology*, 2nd edition (Saunders).

Romer, A. S., *The vertebrate body* (Saunders).

Simpson, G. G., *The meaning of evolution* (Yale U.P.).

Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).

Hyman, L. H., *The invertebrates*, Vols. 1-5 (McGraw-Hill).

Scott, T. D., *The marine and fresh-water fishes of South Australia* (Government Printer, Adelaide).

Dakin, W. J., *The Australian sea shores* (Angus and Robertson).

276. Zoology III.

Pre-requisite subject: Zoology II (273) at Division I or higher standard.

The course includes the following subjects: animal ecology, parasitology, marine biology, genetics and the physiology of invertebrate and vertebrate animals. In physiology special emphasis will be given to the physiology of nerve and muscle, to receptors and to the integrative action of the nervous system. In addition, the course will deal with various special aspects of circulation, respiration, excretion, digestion, and water conservation. In marine biology emphasis will be placed on marine hydrology, plankton and fisheries.

Text-books:

- Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen).
 Prosser, C. L., *Comparative animal physiology*, 2nd edition (Saunders).
 Eccles, J. C., *The neurophysiological basis of mind* (Oxford).
 Bayliss, L. E., *Principles of general physiology*, Vol. 2 (Longmans).
 Browning, T. O., *Animal populations* (Hutchinson).

Reference books:

- Rogers, W. P., *The nature of parasitism* (Academic Press).
 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.).
 Odum, E. P., *Fundamentals of ecology*, 2nd edition (Saunders).
 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 seawaters* (C.U.P.).
 Hardy, A. C., *The open sea*, parts I and II (Collins).
 Scheer, B. T., *Comparative physiology* (Wiley).
 Fisher, R. A., *The design of experiments* (Oliver and Boyd).
 Baldwin, E., *The nature of biochemistry* (C.U.P.).

279. 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 a special field 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.

Students are advised that Biochemistry (286) is a third-year subject. Pre-requisites for entry into Biochemistry are a pass in *either* (a) Chemistry II, Biology (or Botany I or Zoology I) and Mathematics I (or General Mathematics), *or* (b) Organic Chemistry II, Physical and Inorganic Chemistry II (or Physics II) and Cell Physiology, *or* (c) Biochemistry I (former subject), and Mathematics I (or General Mathematics). It is recommended that students intending to take Biochemistry (286) should take the following combinations of subjects: *First Year*—Chemistry I, Physics I (or General Physics), Mathematics I (or General

Mathematics) and either Biology or Botany I or Zoology I. *Second Year*—Either (a) Chemistry II and two other appropriate subjects (of which at least one should be chosen from Botany II, Zoology II, Physiology I or Genetics I); or (b) Organic Chemistry II, Physical and Inorganic Chemistry II (or Physics II) and Cell Physiology. *Third Year*—Biochemistry and one other appropriate subject.

244. Chemistry II.

This subject is a normal pre-requisite for admission to Biochemistry (286). For the detailed syllabus see page 834.

284. Cell Physiology.

Pre-requisite subjects: Chemistry I and one of Biology, Botany I and Zoology I.

A unit course of 3 hours lectures and 6 hours practical work a week. The course is designed for students proceeding to Biochemistry through Organic Chemistry II and Physical and Inorganic Chemistry II (or Physics II, subject to the approval of the Professor of Biochemistry).

The course will include aspects of: structure and function of cells and cell organelles; chemical and physiological aspects of enzymes, vitamins, nucleotides and nucleic acids; biochemistry of carbohydrates, lipids, amino acids and proteins; intracellular organisation and intermediary metabolism.

The practical work will be related to these topics.

Text-books:

West, E. S., and Todd, W. R., *Textbook of biochemistry*, latest edition.

Conn, E. J., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

Mercer, E. H., *Cells and cell structure* (Biological Monographs, Hutchinson).

286. Biochemistry.

Pre-requisite subjects: see preamble above.

A course of three lectures, one tutorial and at least ten hours of practical work a week, dealing with the following topics:

(a) Aspects of *molecular biology* including: biochemistry of lipids, nucleic acids and proteins, and related cell constituents; biochemical genetics; mechanisms of enzymic catalysis.

(b) Aspects of *cell physiology* including: the biochemistry of hormones, chemical aspects of response to the environment in micro-organisms, plant and animal; chemical mechanisms controlling cell division, differentiation and growth.

The practical work will be related to these topics.

Reference books:

West, E. S., and Todd, W. R., *Textbook of biochemistry*, latest edition.

Dixon, M., and Webb, E. C., *Enzymes* (Longmans).

Boyer, P. D., Lardy, H., and Myrbäck, K., *The enzymes* (2nd Edition, Academic Press).

Colowick, S. P., and Kaplan, N. O., *Methods in enzymology* (Academic Press).

Kosower, E. M., *Molecular biochemistry* (McGraw-Hill).

Karlson, P., *An introduction to modern biochemistry* (Academic Press).

287. 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.

The course includes a special course in chemistry. Students are expected to have knowledge of physics to the intermediate stage.

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.

289. Biochemistry for the Honours Degree of B.Sc.

Pre-requisite subject: Biochemistry (286).

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 Department, 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.

Reading will be prescribed during the course.

ADDITIONAL SUBJECTS.

The Biochemistry Department also provides syllabuses 521, 531 (See under Medicine); 623 (See under Dentistry); and 696 (See under Pharmacy): and also provides part of 244. Chemistry II.

GENETICS.

Genetics in Botany I and Zoology I.

About eight lectures and practical classes, 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.

Text-books:

Mather, K., *Genetics for schools* (Murray).
 McLeish, J., and Snoad, B., *Looking at chromosomes* (Macmillan).

Reference books:

Auerbach, C., *The science of genetics* (Hutchinson).
 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).
 Iltis, H., *Life of Mendel*.

293. Genetics I.

Candidates for the degree of Bachelor of Science must present both parts of the course.

PART A. One lecture, two hours practical work and one hour tutorial a week for three terms, dealing with general genetics.

Mendelian inheritance. Quantitative inheritance and its particulate basis. Linkage. Mitosis and meiosis. The chromosome theory of heredity. Recombination systems in micro-organisms. The genetic material. Gene function. Gene mutation. Cytoplasmic inheritance. Differentiation. Sex determination and differentiation. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

PART B. One lecture and a two-hour practice class a week for three terms.

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. Small samples and t-test for comparison of means of two samples. Variance-ratio (F) test, correlation, regression, analysis of variance.

Biometrical and Population Genetics. Genetic variation and its conservation in random mating populations. Inbreeding. Artificial and natural selection. Quantitative inheritance. Breeding value. Genetic components of variance. Heritability. Mass selection and stock improvement.

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:

- Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Lawler, S. D., and Lawler, L. J., *Human blood groups and inheritance* (Heinemann).
 Mather, K., *Statistical analysis in biology* (Methuen); or
 Bailey, N. T. J., *Statistical methods in biology* (E.U.P.).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Srb, A. M., and Owen R. D., *General genetics* (Freeman).

Reference books:

- Darlington, C. D., *The facts of life* (Allen and Unwin).
 Darlington, C. D., and Mather, K., *Elements of genetics* (Allen and Unwin).
 Fincham, J. R. S., and Day P. R., *Fungal genetics* (Blackwell).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Moroney, M. J., *Facts from figures* (Pelican).
 Race, R. R., and Sanger, R., *Blood groups in man* (Blackwell).
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics* (McGraw-Hill).
 Stern, C., *Principles of human genetics*, 2nd edition (Freeman).

296. Genetics II.

Pre-requisite subject: Genetics I (293).

(Agricultural Science students who have passed Genetics IA (393) and Biometry (390) to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

Three lectures and nine hours practical work a week for three terms.

This course includes the more advanced aspects of biometrical, microbial, physiological, polysonic, population and human genetics, and cytology.

Text-books:

- Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Swanson, C. P., *Cytology and cytogenetics* (Macmillan).

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.).

- Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).
 Fisher, R. A., *The theory of inbreeding*, 2nd edition (Oliver and Boyd).
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
 Harris, H., *Human biochemical genetics* (C.U.P.).
 Jacob, F., and Wollman, E. L., *Sexuality and the genetics of bacteria* (Academic Press).
 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*, 4th edition (Blackwell).
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).
 Strauss, B. S., *An outline of chemical genetics* (Saunders).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (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 (266) and Zoology III (276).

Modern theory of evolution; variation and its conservation; gene frequency; selection; polymorphism; taxonomic and natural species; isolating mechanisms; evolution of genetic systems.

Text-books:

- Ford, E. B., *Mendelism and evolution*, 7th edition (Methuen, 1960).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).

Reference book:

- Clausen, J., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).

299. 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.

ADDITIONAL SUBJECT.

The Genetics Department also provides syllabus 393. (See under Agricultural Science.)

MICROBIOLOGY.

306. Microbiology.

Pre-requisite subjects: *Group A*: General Physics (221) or Physics I (223); Chemistry I (231); and either Biology (270) or Botany I (261) or Zoology I (271); *Group B*: Any two of Physical and Inorganic Chemistry II (233); Chemistry II (244); Organic Chemistry II (243); Botany II (263); Zoology II (273); Biochemistry I (former subject); Genetics I (293); Physiology I (333).

Students intending to take up a career in Microbiology are strongly recommended to precede their Microbiology course with Cell Physiology (284) or Zoology II (273).

The course consists of two lectures and one tutorial each week and practical work designed to occupy half the student's total time for three terms.

The course comprises the general morphological, physiological and metabolic activities of bacteria; chemical composition of bacterial cells and cell walls; mutation and recombination of genetic material in bacteria and bacteriophage; microbes as pathogens and the host-parasite relationship including immunology, immuno-chemical techniques and the study of antigen-antibody reactions.

The practical work has been designed to familiarise the student with the basic techniques in current usage in microbiology. Throughout the course emphasis is placed on adequate experimental design and controls by the student.

Preliminary reading:

De Kruif, P. H., *The microbe hunters* (Harcourt, Brace & Co.).

Nicol, H., *Microbes by the million* (Penguin).

Text-books:

Stanier, R. Y., and others, *General microbiology*, 2nd edition (Prentice-Hall).

Cushing, J. E., and Campbell, D. H., *Principles of immunology*.

309. Microbiology for the Honours Degree of B.Sc.

Pre-requisite subject: Bacteriology II (former subject) (in 1961); Microbiology (306) (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.

ADDITIONAL SUBJECTS.

The Microbiology Department also provides syllabuses 542 (See under Medicine); 695 (See under Pharmacy); 866 and 867 (See under Technology).

PSYCHOLOGY.

313. Psychology I (S).

Pre-requisites: General Physics or Physics I, Chemistry I, General Mathematics or Mathematics I, Zoology I or Biology. (N.B.—An intending candidate is advised to consult the Professor of Psychology early in January.)

The course is designed (i) to provide a study of fundamental psychological processes, and (ii) to include a course of lectures lasting throughout the year on Comparative and Physiological Psychology.

The topics covered under (i) will include learning, perceiving, thinking and remembering, motivation and emotion and, while emphasis will be placed on contemporary behaviour theories, there will be of necessity some historical orientation.

The topics covered under (ii) will include a phylogenetic comparison of animal behaviour, an introduction to neuropsychology and the physiological and biochemical bases of behaviour.

There will be 3 hours of lectures, 1 hour tutorial, and 5 hours laboratory practical work a week.

Preliminary reading:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).

Hebb, D. O., *A text-book of psychology* (Saunders).

Text-books:

- Stevens, S. S., *Handbook of experimental psychology* (Wiley).
 Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
 Drever, J., *A dictionary of psychology* (Penguin).

Reference books:

- Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).
 Thorpe, W. H., *Learning and instinct in animals* (Methuen).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 2nd edition (McGraw-Hill).
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).
 Waters, R. H., and others, *Principles of comparative psychology* (McGraw-Hill).
 Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).
 Gardner, E., *Fundamentals of neurology* (Saunders).

316. Psychology II (S).

Pre-requisites: A Division I pass in Psychology I (S) and one of Chemistry II, Cell Physiology, Physiology I or Zoology II.

This course is designed (i) to provide an advanced course of study organised around the themes of personality and experimentally based theories of normal and abnormal behaviour, including an introduction to psychopharmacology, (ii) to include a course of lectures lasting throughout the year on the experimental study of human skills including applications of information theory to psychological problems and human engineering, and (iii) to provide an advanced course of study of sensory psychology.

There will be 3 hours of lectures, 1 hour tutorial, and 8 hours of laboratory practical work a week. As a part of the practical work students will be required to complete a minor research project on a psychological problem.

Text-books:

- Stevens, S. S., *Handbook of experimental psychology* (Wiley).
 Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).

Reference books:

- Hebb, D. O., *The organisation of behaviour* (Wiley).
 Pavlov, I. P., *Lectures on conditioned reflexes* (O.U.P.).
 Waters, R. H., and others, *Principles of comparative psychology* (McGraw-Hill).
 Eysenck, H. J., *Dynamics of anxiety and hysteria* (Kegan Paul).
 Broadbent, D., *Perception and communication* (Pergamon).
 Welford, A. T., *Ageing and human skill* (O.U.P.).
 Geldard, F. A., *The human senses* (Wiley).

319. Psychology for the Honours Degree of B.Sc. (from 1965).

Pre-requisite: Candidates must have reached a satisfactory standard in Psychology II (S).

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 psychological laboratory. They will also be required to undertake an investigation of a research character under the supervision of a member of the staff of the Department. Special short courses of lectures on advanced topics will be given throughout the year by members of the staff. Candidates will be required to satisfy the Professor that they have a reading knowledge of French or German.

HISTOLOGY.

321. 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 together 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).

Books for reference and further reading:

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.

326. Histology.

Pre-requisite subject: Physiology I (333) at Division I or higher standard.

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, including electron-microscopy; 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., and Leeson, T. S., *Histology*, 4th edition (Lippincott); or
Maximow, A. A., and Bloom, W., *A text-book of histology*, 8th edition, revised by W. Bloom and D. W. Fawcett (Saunders).

Books for reference and further reading:

McClung, G. 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).
Smith, C. G., *Basic neuroanatomy* (Univ. of Toronto Press).

Other references will be given during the course.

PHYSIOLOGY

333. Physiology I.

Pre-requisite subjects: General Physics (221) or Physics I (223); Chemistry I (231) and Zoology I (271) at Division I or higher level. Subject to the approval of the Head of the Department, Biology (270) may be accepted as a pre-requisite instead of Zoology I.

This course 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).

Winton, F. R., and Bayliss, L. E., *Human physiology*, 4th edition (Churchill).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Brooks, C. McC., and others, *Humors, hormones and neurosecretions* (State University of New York, 1962).

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).

Wright, S., *Applied physiology*, 10th edition, edited by C. A. Keele and E. Neil (O.U.P.).

336. Physiology II.

Pre-requisite subject: Physiology I (333) at Division I or higher standard. Further it is recommended that students should have completed the course in one of the following: Biochemistry I (former subject), Cell Physiology (284), Chemistry II, Organic Chemistry II (243), Physical and Inorganic Chemistry II (233), Physics II (223).

This course 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 system.

Text-books:

Lewis, J. J., *An introduction to pharmacology* (Livingstone).

Wright, S., *Applied physiology*, 10th edition, edited by C. A. Keele and E. Neil (O.U.P.).

Reference books:

Handbook of physiology, Section I, Volumes I-III—*Neurophysiology*; Section II, Volume I—*Circulation* (American Physiological Society).

Best, C. H., and Taylor, N. B., *The physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Bayliss, L. E., *Principles of general physiology*, 5th edition, Vol. 2 (Longmans).

Drill, V., *Pharmacology in medicine*, 2nd edition (McGraw-Hill).

Laurence, D. R., *Clinical pharmacology*, 2nd edition (Churchill).

Ruch, T. C., and Fulton, J. F., *Medical physiology and biophysics* (Saunders).

339. Physiology, or Pharmacology for the Honours Degree of B.Sc.**Physiology for the Honours Degree of B.Sc.**

Pre-requisite subject: Physiology II (336).

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 Human Physiology and Pharmacology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Pharmacology for the Honours Degree of B.Sc.

Pre-requisite subject: Physiology II (336).

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.

ADDITIONAL SUBJECTS.

The Physiology Department also provides syllabuses 156 (See under Physical Education); 523, 533, 544 (See under Medicine); 624, 634 (See under Dentistry); 694 (See under Pharmacy); and 715 (See under Physiotherapy).

AGRICULTURAL SCIENCE**180. Agricultural Economics.**

For syllabus, see under the Faculty of Economics.

221. General Physics.

For syllabus, see under the Faculty of Science.

231. Chemistry I.

For syllabus, see under the Faculty of Science.

244. Chemistry II.

For syllabus, see under Faculty of Science.

251. Geology I.

For syllabus, see under 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.

296. Genetics II.

For syllabus, see under the Faculty of Science.

351. 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 will be supplied.

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).

353. 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 and physiology of vertebrate and insect 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; the chemistry of viruses; biochemical genetics. The practical work will consist of experiments related to the above topics and will include projects of an investigational nature.

Reference books:

In addition to the text-books for Chemistry II and Agricultural Biochemistry I, the following are recommended:

Dixon, M., and Webb, E. C., *Enzymes* (Longmans).

Colowick, S. P., and Kaplan, N. O., *Methods in enzymology*, Vols. I-IV (Academic Press).

Talbot, Sobel, McArthur and Crawford, *Functional endocrinology* (Harvard).

354. 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: soil 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 will be supplied.

Text-books:

Russell, E. W., *Soil conditions and plant growth*, 9th 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.).

355. Soil Science IA.

The course of lectures and practical work is identical with that for Soil Science I (354). Students taking the Soil Science IA course will be expected to undertake additional work which will be concerned with the soil-plant interaction.

A box of analytical weights with a certificate of accuracy will be supplied by the Department.

356. 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; heat 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 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).

359. Agricultural Biochemistry, and Soil Science, for the Honours degree of B.Ag.Sc.

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

360. 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.

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 Australia; evaporation and rainfall effectiveness; length of growing season; weather variability and hazards; microclimatology; weather modification.

Text-books:

Australia: 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:

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).

362. 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.

The production and utilization of cereal crops.

Reference books:

Callaghan, A. R., and Millington, A. J., *The wheat industry in Australia* (Angus and Robertson).

Clausen, J., *Evolution of plant species* (Cornell).

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).

363. Agriculture III.

Crop Production.—The production and utilization of food, fibre, oil and miscellaneous crops.

Irrigation and Farm Water Supplies.—Potential and present development of irrigation. Principles of the design of irrigation systems.

Pastures.—Species and strains of pasture plants, ecotypes and adaptation. Their importance in the agricultural economy; pasture ecology and fertilizer practice; establishment, maintenance and management in various environments; the dynamic nature of pasture, competition and grass-legume relationships; the effect of environment on production and physiology; the effect of the grazing animal.

Pasture Utilization and Grazing Management.—Principles and practice in various environments.

Fodder Conservation.—Principles and practice in contrasting environments in relation to problems of quality and quantity.

Land Use.—Changes in productivity under various systems of farming; trends in land utilization in Australia and overseas.

Text-book:

Australia: C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P., 1960).

Reference books:

Donald, C. M., *Pastures and pasture research*, 2nd edition (University of Sydney, 1946).

Hubbard, C. E., *Grasses* (Pelican Books, 1954).

Molnar, I. (ed.), *A manual of Australian agriculture* (Heinemann, 1961).

- Wadham, S., Wilson, R. K., and Wood, Joyce, *Land utilization in Australia*, 3rd edition (M.U.P., 1957).
 Whyte, R. O., *Crop production and environment*, 2nd edition (Faber and Faber, 1960).
 Whyte, R. O., and others, *Legumes in agriculture* (F.A.O., 1953).
 Whyte, R. O., and others, *Grasses in agriculture* (F.A.O., 1959).
 Zimmermann, E. W., *World resources and industries*, Revised edition (Harper, 1950).

364. Agronomy.

A course of nine hours a week covering:

- (a) Growth, development and speciation of pasture plants, competition among crop and pasture plants, weeds and weed control, physical and chemical aspects of soil fertility, irrigation and drainage, and experimental method in agronomic research.
- (b) Practical classes and seminars related to the above topics.
- (c) A project of individual study in pasture or crop agronomy together with a study of relevant literature.

Reference books:

Such books and papers as are prescribed during the course.

365. 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 system; renal function; 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*, 4th edition (Lippincott).
 Maynard, L. A., and Loosli, J. K., *Animal nutrition* (McGraw-Hill).
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).

366. 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.

367. Botany IIB.

This course includes (i) the same work in Plant Physiology and Plant Geography and Ecology as in Botany II (263) during the first and third terms; (ii) a special course in plant physiology 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-books:

Bassham, J. A., and Calvin, M., *The path of carbon in photosynthesis*.

Beevers, H., *Respiratory metabolism in plants*.

C. PLANT ECOLOGY AND PLANT GEOGRAPHY, AND ANGIOSPERM SYSTEMATICS.—

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.

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 (263). For text-books and reference books, see Botany II (263).

368. Plant Breeding.

A course of nine hours a week of lectures and practical work for three terms covering the principles of plant breeding 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:

Allard, R., *Principles of plant breeding* (Wiley).

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).

369. Agronomy, Animal Husbandry, Genetics, and Plant Breeding, for the Honours degree of B.Ag.Sc.

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

374. Entomology I.

A course of 1 lecture and 2 hours practical work a week for two terms covering an introduction to:

- (1) The morphology and classification of insects.
- (2) Insect physiology.
- (3) The effects of environment on insect numbers.
- (4) The principles of insect control.

Students will be required to make a collection of 50 species of insects with a full record of observations made at the time of collection. Both collection and notes must be submitted during the first week of the final term. Collection should begin in the long vacation preceding the course and equipment may be collected by intending students from the Entomology Department before this vacation.

Text-books:

- Browning, T. O., *Animal populations* (Hutchinson).
Imms, A. D., *Outlines of entomology*, 5th edition (Methuen, 1959).

Reference books:

- Borror, D. J., and De Long, D. M., *An introduction to the study of insects* (Rinehart).
Imms, A. D., *Insect natural history* (Collins).
Martin, H., *Scientific principles of crop protection* (Longmans).
Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).

376. Entomology II.

A course of three lectures and six hours practical work a week on a more detailed study of:

- (1) Insect morphology and taxonomy, with practice in the classification of insects to families.
- (2) Insect ecology and the control of insects.
- (3) Embryology, post-embryonic development, insect physiology and biochemistry.
- (4) Forest entomology, insect behaviour, social insects and apiculture.

Students will be required to make both a collection of insects, properly mounted and identified, and a slide collection illustrating the morphological and taxonomic features of insects. The collection may be commenced in the long vacation preceding the course. Equipment may be collected by intending students from the Entomology Department before the vacation. The collection must be submitted in the first week of the final term.

Text-book:

- Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 1957).

Reference books:

- Anderson, R. F., *Forest and shade-tree entomology* (Wiley).
Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen, 1961).
Bailey, N. T. J., *Statistical methods in biology* (English Universities Press).
Fraenkel, G., and Gunn, D. L., *The orientation of animals* (Dover).
Snodgrass, R. E., *Principles of insect morphology* (McGraw-Hill).
Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).
Wigglesworth, V. B., *Principles of insect physiology*, 5th edition (Methuen, 1953).

379. Entomology for the Honours degree of B.Ag.Sc.

Students who wish to take the Honours Degree in Entomology should consult the Professor of Entomology some time during their final year.

Candidates are expected to attain a higher standard in general Entomology than that required for the Ordinary Degree. In addition, they are required to study more intensively some branch of Entomology and to carry out a research project in that field.

Candidates may be required to attend such lectures and to pass such examinations as the Professor may require. All time not necessarily devoted to lectures and set work must be spent in the laboratory.

A course of reading will be prescribed by the Professor and should be commenced in the long vacation prior to the Honours year.

Candidates must have some reading knowledge of French and German and may be required to attend courses and pass examinations in these subjects.

380. Agricultural Microbiology.

A course of 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.

Text-book:

Hawker, L. E., Linton, A. H., Folkes, B. F., and Carlile, M. J., *An introduction to the biology of micro-organisms* (Arnold).

381. 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, influence of environment, 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).

Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).

Large, E. C., *The advance of the fungi* (Alden Press).

Smith, K. M., *A text-book of plant virus diseases*, 2nd edition (Churchill).

Thorne, G., *Principles of nematology* (McGraw-Hill).

382. Plant Pathology II.

A course of 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; 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).

Plant pathology: problems and progress, 1908-1958 University of Wisconsin Press).

Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

Anderson, H. W., *Diseases of fruit crops* (McGraw-Hill).

Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).

Bessey, E. A., *Morphology and taxonomy of fungi* (McGraw-Hill).

Burnet, Sir F. M., and Stanley, W. M., *The viruses*, Vols. 1 and 2 (Academic Press, 1959).

Cochrane, V. W., *Physiology of fungi* (Wiley).

Dickson, J. G., *Disease of field crops*, 2nd edition (McGraw-Hill).

Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).

Garrett, S. D., *Biology of root infecting fungi* (C.U.P.).

Gregory, P. H., *The microbiology of the atmosphere* (Leonard Hill).

Horsfall, J. G., and Dimond, A. E., *Plant pathology*, Vols. 1-3 (Academic Press).

Large, E. C., *The advance of the fungi* (Alden Press).

Martin, H., *Scientific principles of plant protection*, 4th edition (Arnold).

Smith, K. M., *Text-book of plant virus diseases*, 2nd edition (Churchill).

Thorne, G., *Principles of nematology* (McGraw-Hill).

Walker, J. C., *Diseases of vegetable crops* (McGraw-Hill).

389. Plant Pathology for the Honours degree of B.Ag.Sc.

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department and should be prepared to begin studies on or about February 1.

390. 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).

Finney, D. J., *An introduction to statistical science in agriculture* (Oliver and Boyd).

391. Farm Engineering.

A course of one lecture a week for three terms plus practical and field demonstrations distributed throughout the year.

Farm Mechanisation: theory of agricultural processing machinery; properties of materials.

Farm Power: engine characteristics; performance and testing; fuels and lubricants; farm electricity; refrigeration; the tractor, types, performance, tractor test reports.

Field Machinery: principles, construction and performance of implements and machines for tillage, seeding, harvesting, processing and transporting agricultural products.

Hydraulics, irrigation and rural water supplies.

Reference books:

Bainer, R., and others, *Principles of farm machinery* (Wiley).

Barger, E. L., and others, *Tractors and their power units* (Wiley).

McColly, H. F., and Martin, J. W., *Introduction to agricultural engineering* (McGraw-Hill).

Southwell, P. H., *Engineering in agriculture* (Temple).

Southwell, P. H., *The agricultural tractor* (Temple).

Moses, B. D., and Frost, K. R., *Farm power* (Wiley).

Cochrane, R. H., *Farm machinery and tractors* (Whitcombe and Tombs).

Henderson, S. M., and Perry, R. L., *Agricultural process engineering* (Wiley).

Electricity Supply Association of Australia: *Farm electrification handbook*.

State River and Water Supply Commission of Victoria, *Farm water supplies*.

Addison, H., *A treatise on applied hydraulics* (Chapman).

393. Genetics IA.

This course in general genetics consist of one lecture and two hours practical work a week for three terms.

Mendelian inheritance. Quantitative inheritance and its particulate basis. Linkage. Mitosis and meiosis. The chromosome theory of heredity. Recombination systems in micro-organisms. The genetic material. Gene function. Gene mutation. Cytoplasmic inheritance. Differentiation. Sex determination and differentiation. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- 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).

Reference books:

- Fincham, J. R. S., and Day, P. R., *Fungal genetics* (Blackwell).
 Darlington, C. D., *The facts of life* (Allen and Unwin).
 Mather, K., *Statistical analysis in biology* (Methuen).
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).

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.

399. Horticulture, and Plant Physiology, for the Honours degree of B.Ag.Sc.

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

Requirements for Practical Experience.

Candidates for the degree of Bachelor of Agricultural Science are required to obtain practical agricultural experience as laid down in the regulations.

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.

The Honours Degree of B.Ag.Sc.

The Honours degree in Agricultural Science may be taken in Agricultural Biochemistry, Agronomy, Animal Husbandry, Entomology, Genetics, Horticulture, Plant Breeding, Plant Pathology, Plant Physiology, and Soil Science. (See syllabuses 359, 369, 379, 389, and 399.)

FACULTY OF ENGINEERING

404. 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; industrial organisation and problems of industrial policy in Australia.

Text-books:

- Downing, R. I., *National income and social accounts*, 6th edition (M.U.P.).
 Tew, J. H. B., *Wealth and income*, latest edition (M.U.P.).
 Leftwich, R. H., *The price system and resource allocation*, revised edition (Holt, Rinehart, Winston, New York).
 Bain, J. S., *Price theory* (Holt).
 Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).
 Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill).

Reference books:

- Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).
 Galbraith, J. K., *American capitalism* (Hamish Hamilton; Houghton Mifflin).

Additional references will be prescribed by the lecturers.

406. 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).

407. 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-books:

- Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).
 Halstead, H. J., *An introduction to statistical methods* (Macmillan).

Reference books:

- Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).
 Tippett, L. H. C., *Technological applications of statistics* (Wiley).

408. Mathematics III (Engineering).

Pre-requisite subject: Mathematics II (Engineering) (407).

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).

411. 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:

Properties of matter, wave motion, heat, geometrical and physical optics, acoustics, electricity and magnetism, and atomic and nuclear 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 (222).

412. Chemistry IIB.

Pre-requisite subject: Chemistry IIA (234).

One lecture a week throughout the year devoted to organic chemistry, with special reference to reactions of interest in chemical industry.

(For book lists, see under Syllabus 234.)

414. 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.

FIELD WORK.—As for Geology I (251).

BOOKS.—As for Geology I (251).

415. 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 (253). Field work as for Geology II (253). Students are required to consult the lecturer before the course begins.

416. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology IIA (415).

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.).

420. 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.

421. Civil Engineering I.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Strength of Materials (432), Engineering Drawing and Design (472).

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, three-pin arches and 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 practice* (Tait Book Co.).
 Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).
 Pearson, R. G., *Timber engineering design handbook* (M.U.P.).
 Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill); or
 Timoshenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill).
 Gaylord, E. H. and C. N., *Design of steel structures* (McGraw-Hill); or
 Bresler, B., and Lin, T. Y., *Design of steel structures* (Wiley).
 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.
Code for concrete in building, CA.2—1963.

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).
 Hough, B. K., *Basic soils engineering* (Ronald).
 Sutherland, H., and Bowman, H. L., *Structural theory* (Wiley).
 Carpenter, S. T., *Structural mechanics* (Wiley).

422. Civil Engineering S.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Strength of Materials (432), Engineering Drawing and Design (472).

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 foundation engineering.

Text-books:

Speedie, M. G., and O'Donnell, I. J., *Foundation practice* (Tait Book Co.).

Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill); or

Gaylord, E. H., and Gaylord, 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.

Code for concrete in building, CA.2.

Crane and hoist code, CB.2.

Reference books:

Neal, B. G., *The plastic methods of structural analysis* (Chapman and Hall).

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

423. Civil Engineering IIA.

Pre-requisite subjects: Surveying A (433), Civil Engineering I (421), and Hydraulics A (426).

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).

Hough, B. K., *Basic soils engineering* (Ronald).

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

Hewes, L. J., and Oglesby, C. H., *Highway engineering* (Wiley).

Bannister, A., and Raymond S., *Surveying* (Pitman).

Great Britain:

War Office, *Text book of field astronomy*, revised by Biddle, C.A. (H.M.S.O., 1958).

The Star almanac for land surveyors for the current year (H.M.S.O.).

Rainsford, H. F., *Survey adjustments and least squares* (Constable).

Jenkins, R. B. M., *Curve surveying* (Cleaver-Hume).
 Stephenson, H. W., *Solution of problems in surveying and field astronomy*
 (Pitman).
 Vega, G. von, *Logarithmic tables* (van Nostrand).
 Moroney, M. J., *Facts from figures* (Penguin).

424. Civil Engineering IIB.

Pre-requisite subject: Civil Engineering I (421).

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).
 Hoff, N. J., *The analysis of structures* (Wiley).

425. Civil Engineering IIC.

Students will be required to submit a report on a project of an experimental nature conducted during the year.

This subject must be taken concurrently with Civil Engineering IIA (423).

426. Hydraulics A.

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Graphics (471).

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, potential flow; stream line plotting; 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, fluid forces on a body in a free stream; elements of boundary layer theory; theory of similitude applied to hydraulic and aerodynamic model studies of hydraulic structures, vortex behaviour; 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. Hydrology and water supply.

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-book:

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).
 Prandtl, L., *Essentials of fluid dynamics* (Blackie).
 Rouse, H., *Advanced mechanics of fluids* (Wiley).
 Duncan, W. J., Thom, A. S., Young, K. P., *An elementary treatise on the mechanics of fluids* (Arnold).
 Francis, J. R. D., *A text-book of fluid mechanics* (Arnold).

427. Hydraulics B.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Graphics (471).

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 (one of the following):

Duncan, W. J., Thom, A. S., Young, K. P., *An elementary treatise on the mechanics of fluids* (Arnold); or

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) (407), Mechanics (406), Graphics (471).

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, Joukovsky 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 (one of the following):

Duncan, W. J., Thom, A. S., Young K. P., *An elementary treatise on the mechanics of fluids* (Arnold); or

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold); or

Streeter, V. L., *Fluid mechanics* (McGraw-Hill).

Reference books:

Prandtl, L., *Essentials of 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) (407), Electrical Engineering S (440).

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).

Kinnard, I. F., *Applied electrical measurements* (Wiley).

432. Strength of Materials.

Pre-requisite or concurrent subjects: Mathematics I (Engineering) (213), Mechanics (406).

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 Young, D. H., *Elements of strength of materials* (Van Nostrand).

Reference book:

Seely, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

433. Surveying A.

Pre-requisite subjects: General Mathematics (201), Graphics (471).

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).

Jenkins, R. B. M., *Curve surveying* (Clever-Hume).

Students should provide themselves with six or seven-figure logarithmic tables, such as Chamber's *Shorter six-figure mathematical tables*, or Chamber's *Seven-figure mathematical tables*.

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 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.

439. Civil Engineering for the Honours Degree of B.E.

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.

440. Electrical Engineering S.

Pre-requisite subjects: Physics A (Engineering) (411), Mathematics I (Engineering) (213), Mechanics (406).

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:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering* (2nd edition) (McGraw-Hill).

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.*

441. Electrical Engineering I.

Pre-requisite subjects: Physics A (Engineering) (411), Mathematics I (Engineering) (213), Mechanics (406).

This is a course in fundamentals designed to give a suitable foundation for students intending to complete an Electrical Engineering Degree.

LECTURES: Four lectures a week throughout the year.

Electromagnetic Field Theory: A physical and mathematical treatment of electrostatics, magnetostatics, stationary, quasi-stationary and time varying fields leading to the integral and derivative forms of Maxwell's equations, with applications. Relationship between field and circuit theory.

Energy Storage and Conversion: Physical aspects, energy and mechanical forces, energy balance in electromechanical energy conversion. Use of energy conversion and dynamic circuit theory principles for the analysis of rotating machines. Transformers.

Electronics: Electronic circuit elements; semiconductor and vacuum diodes, transistors and vacuum triodes, tetrodes and pentodes; gas tubes; equivalent circuit and graphical analyses; amplifier principles and performance; the cathode ray oscilloscope.

Network Theory: Kirchoff's Laws; free and forced response of networks; steady-state a.c. methods, resonance and the complex-frequency plane; mesh and nodal analysis, network theorems; magnetic coupling; polyphase systems; four-terminal networks.

Electrical Measurement Analysis.

TUTORIAL: Two hours 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 support the subject matter of the lectures.

Reference books:

Balabanian, N., *Fundamentals of circuit theory* (Allyn and Bacon).

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Skilling, H. H., *Electromechanics* (Wiley).

Seely, S., *Introduction to electromagnetic fields* (McGraw-Hill).

Fano, R. M., and others, *Electromagnetic fields, energy, forces* (Wiley).

Ryder, J. D., *Electronic fundamentals and applications* (Pitman). (Used also for 442 Electrical Engineering II.)

Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).

Frank, E., *Electrical measurement analysis* (McGraw-Hill).

Tools: Screwdriver, pliers, electric soldering iron.

442. Electrical Engineering II.

Pre-requisite subjects: Electrical Engineering I (441), Mathematics II (Engineering) (407), Strength of Materials (432).

LECTURES: Four lectures a week throughout the year.

(a) An elementary treatment of network theory, filters and transmission lines. An introduction to waveguides.

(b) Steady state and transient analysis of rotating machines. Symmetrical components.

(c) A further development of amplifier theory, modulation, detection and feedback. Waveform generation and shaping.

(d) An introductory course on linear feedback control systems with special emphasis on frequency response techniques.

TUTORIAL: Two hours a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical topics.

PRACTICAL: Practical work of six hours a week, comprising a series of experiments and exercises.

Textbooks:

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system design*, Vol. I (Wiley).

Reference books:

Savant, C. J., *Basic feedback control system design* (McGraw-Hill).

Wilts, C. H., *Principles of feedback control* (Addison-Wesley).

Lauer, H., and others, *Servomechanism fundamentals*, 2nd edition (McGraw-Hill).

Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system design*, Vol. II (Wiley).

Stockdale, L. A., *Servomechanisms* (Pitman).

Hunter, L. P. (Ed.), *Handbook of semiconductor electronics* (McGraw-Hill).

Ryder, J. D., *Electronic fundamentals and applications* (Pitman).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Stewart, J. L., *Circuit theory and design* (Wiley).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

Smith, S. P., *Problems in electrical engineering* (Constable).

Wagner, C. F., and Evans, R. D., *Symmetrical components* (McGraw-Hill).

Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).

Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery* (McGraw-Hill).

Additional references may be given during the course.

443. Electrical Engineering IIIA.

Pre-requisite subject: Electrical Engineering II (442).

This subject includes work which is basic to all branches of Electrical Engineering and is taken by all students.

Network synthesis; 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 machines 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.

444. Electrical Engineering IIIB.

Pre-requisite subject: Electrical Engineering II (442).

Topics will be selected from Electrical Power and Electronics.

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:

Kuo, F. F., *Network analysis and synthesis* (Wiley).

Storer, J. E., *Passive network synthesis* (McGraw-Hill).

Weinberg, L., *Network analysis and synthesis* (McGraw-Hill).

- Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Black, H. S., *Modulation theory* (Van Nostrand).
 Barlow, H. M., and Cullen, A. L., *Microwave measurements* (Constable).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Hunter, L. P. (Ed.), *Handbook of semi-conductor electronics* (McGraw-Hill).
 Caldwell, S., *Switching circuits and logical design* (Wiley).
 Richards, R. K., *Arithmetic operations in digital computers* (Van Nostrand).
 Huskey, H. D., and Korn, G. A. (Eds.), *Computer handbook* (McGraw-Hill).
 Ledley, R. S., *Digital computation and control engineering* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Graham, D., and McRuer, D., *Analysis of non-linear control systems* (Wiley).
 Horowitz, I. M., *Synthesis of feedback systems* (Academic Press).
 Beranek, L. L., *Acoustics* (McGraw-Hill).
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).
 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).
 Stevenson, W. D., *Elements of power system analysis* (McGraw-Hill).
 Crary, S. B., *Power system stability*, Vols. I and II (Wiley).
 Westinghouse Electric Manufacturing Company, *Electrical transmission and distribution reference book*.

Additional references may be given during the course.

445. Electrical Engineering IIIC.

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.

446. Electronics.

Pre-requisite subject: Electrical Engineering S (440).

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; semiconductor and vacuum diodes, transistors and vacuum triodes, tetrodes and pentodes; gas tubes; equivalent circuit and graphical analyses; amplifier principles and performance; the cathode ray oscilloscope.

Reference books:

- Ryder, J. D., *Electronic fundamentals and applications* (Pitman).
 Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).

Tools:

Small-sized screwdriver, wire cutters and soldering iron of approved type.

449. Electrical Engineering for the Honours Degree of B.E.

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.

450. Mining Engineering I.

Pre-requisite subjects: Geology I (251), Engineering Drawing and Design (472), and Surveying A (483).

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; (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, H. S., and McKeown, M. R., *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.).

451. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (450), Strength of Materials (432), Hydraulics B (427), Surveying IA (906).

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.

During 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).
 Transvaal Chamber of Mines, *Quality of mine air* (Transvaal Chamber of Mines).

Roberts, A. (ed.), *Mine ventilation* (Cleaver Hume Press, 1960).

(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).
 Transvaal Chamber of Mines, *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*.

452. 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., *Mineral processing* (Mining Publications Ltd., 1960).

Reference books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

459. Mining Engineering for the Honours Degree of B.E.

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.

461. Mechanical Engineering IA.

Pre-requisite subjects: Mechanics (406), Mathematics II (Engineering) (407), Physics A (Engineering) (411).

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 equations, 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; 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, drag; measurements in incompressible flow, weirs, orifices, nozzles, venturis, pitot tubes, other instruments.

Text-books:

Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

Duncan, W. J., and others, *An elementary treatise on the mechanics of fluids* (Edward Arnold).

Eskinazi, S., *Principles of fluid mechanics* (Allyn and Bacon).

Reference books:

Lamb, H., *Hydrodynamics* (Dover).

Prandtl, L., *The essentials of fluid dynamics* (Blackie).

Prandtl, L., and Tietjens, O. G., *Applied hydro- and aero-mechanics* (Dover).

Baird, L., *Applied aerodynamics* (Longmans).

Bunt, E., *Applications of fluid mechanics* (Witwatersrand U.P.).

Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

Pai, S. I., *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.).

Mises, R. von, *Theory of flight*.

Over, E., *Measurement of air flow* (Chapman and Hall).

Pankhurst, R. C., and Holder, D. W., *Wind-tunnel technique* (Pitman).

462. Mechanical Engineering IB.

Pre-requisite subjects: Mechanics (406), Mathematics II (Engineering) (407), Physics A (Engineering) (411), Strength of Materials (432), Engineering Drawing and Design (472), Production Technology (475).

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; gear trains; cams; computing mechanisms; synthesis; equilibrium of machines; balancing and vibrations.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery* (Wiley).

Reference books:

Bevan, T., *Theory of machines* (Longmans).

Rothbart, H. A., *Cams* (Wiley).

Hunt, K. H., *Mechanisms and motion* (The English Universities Press).

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 com-

ponents; 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).
 Batelle 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.

463. Mechanical Engineering IIA.

Pre-requisite subject: Mechanical Engineering IA (461).

An advanced course in applied thermodynamics and fluid mechanics. The course is covered by about ninety lectures and one hundred and sixty hours of laboratory or project work, and two three-hour drawing office sessions a week.

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, psychrometry and air conditioning, compressed air; fuels and combustion; heat transmission with application to boilers, condensers, and other heat exchangers; nuclear 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.).

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 Priestler, G. B., *Refrigeration and air conditioning* (Constable).
 Jennings, B. H., and Lewis, S. R., *Air conditioning and refrigeration*.

FLUID MECHANICS II: A course of lectures and laboratory work in fundamental and applied fluid dynamics including: incompressible flow machines (pumps, turbines, fans and propellers); the flow of compressible fluids, both inviscid and viscous; compressible flow machines.

Text-books:

- Norrie, D. H., *An introduction to incompressible flow machines* (Arnold).
 Shepherd, D. G., *Principles of turbomachinery* (Macmillan).
 Cambel, A. B., and Jennings, B. H., *Gas dynamics* (McGraw-Hill).

Reference Books:

- Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).
 Barna, P. S., *Fluid mechanics for engineers* (Butterworth).
 Wislicenus, G. F., *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, L., and Tietjens, O. G., *Applied hydro and aero mechanics* (Dover).
 Bairstow, L., *Applied aerodynamics* (Longmans).
 Liepmann, H. W., and Puckett, A. E., *Introduction to aerodynamics of a compressible fluid* (Wiley).
 Kovats, A. de, and Desmur, G., *Pumps, fans and compressors* (Blackie).
 Stepanoff, A. J., *Centrifugal and axial flow pumps* (Wiley).
 Bunt, E. A., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Cox, H. R., *Gas turbine principles and practice* (Newnes).
 Nelson, W. C., *Airplane propeller principles* (Wiley).
 Ower, E., *Measurement of air flow* (Chapman and Hall).

464. Mechanical Engineering IIB.

Pre-requisite subjects: Mechanical Engineering IB (462), Electrical Engineering S (440), Electronics (446).

An advanced course in theory of machines and machine design, involving 100 lectures and 160 hours of laboratory and drawing office work.

THEORY OF MACHINES II: A course in advanced dynamics including 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:

- Holowenko, A. R., *Dynamics of machinery* (Wiley).
 Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).
 Dalby, W. E., *Balancing of engines* (Arnold).
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).
 Macduff, J. N., and Curreri, J. R., *Vibration control* (McGraw-Hill).
 Burton, R., *Vibration and impact* (Addison-Wesley).
 Tuplin, W. A., *Vibration in machinery* (Pitman).
 Savant, C. J., *Basic feedback control system design* (McGraw-Hill).
 Raven, F. H., *Automatic control engineering* (McGraw-Hill).
 Eckman, D. P., *Automatic process control* (Wiley).
 Harris, C. M., *Handbook of noise control* (McGraw-Hill).
 Beranek, L. L., *Acoustics* (McGraw-Hill).
 Beranek, L. L., *Noise reduction* (McGraw-Hill).
 Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber and Faber).

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
 Johnson, W., and Mellor, P. B., *Plasticity for mechanical engineers* (Van Nostrand).

Reference books:

As for Machine Design I, together with the following:

- Rogowski, A. R., *Elements of internal combustion engines* (McGraw-Hill).
 Lichty, L. C., *Internal combustion engines* (McGraw-Hill).
 Purday, H. F. P., *Diesel engine design* (Constable).
 Heldt, P. M., *High speed diesel engines* (Heldt).
 Timoshenko, S., *Strength of materials*, Vols. 1 and 2 (Van Nostrand).
 Timoshenko, S., *Theory of elasticity* (McGraw-Hill).
 Timoshenko, S., *Theory of elastic stability* (McGraw-Hill).
 Timoshenko, S., *Theory of plates and shells* (McGraw-Hill).
 Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).
 Lubahn, J. D., and Felgar, *Plasticity and creep of metals* (Wiley).
 Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman and Hall).
 Marin, J., *Mechanical properties of materials and design* (McGraw-Hill).
 Finnie, I., and Heller, W. R., *Creep of engineering materials* (McGraw-Hill).
 Frocht, M. M., *Photoelasticity* (Wiley).
 Hendry, A. E., *Introduction to photoelasticity* (Blackie).
 Merritt, H. E., *Gears* (Pitman).
 Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).
 Wilcock, D. F., and Booser, E. R., *Bearing design and application* (McGraw-Hill).
 Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).
 Barwell, F. T., *Lubrication of bearings* (Butterworth).

465. Mechanical Engineering IIC.

A limited research-type project involving a written thesis is to be undertaken by all students during the final year. Pass theses are submitted by mid-December and Honours theses by the end of February.

466. Mechanical Engineering S (C).

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Physics A (Engineering) (411), Engineering Materials (986), Strength of Materials (432), and Engineering Drawing and Design (472).

An introductory course in machine design and theory of machines designed for Civil Engineering and Mining Engineering students. It comprises 54 lectures and 81 hours of drawing office work.

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).

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., *Mechanisms and dynamics of machinery* (Wiley).

467. Mechanical Engineering S (E).

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Physics A (Engineering) (411), Engineering Materials (986), Strength of Materials (432), Engineering Drawing and Design (472).

An introductory course in theory of machines and applied thermodynamics designed for Electrical Engineering students. It comprises 36 lectures, 27 hours of laboratory work and 27 hours of drawing office work.

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., *Mechanisms and dynamics of machinery* (Wiley).

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).

468. Mechanical Engineering S (Ch).

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Physics A (Engineering) (411), Engineering Materials (986), Strength of Materials (432), and Engineering Drawing and Design (472).

An introductory course in machine design, designed for Chemical Engineering students. It comprises 36 lectures and 54 hours of drawing office work.

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).

471. 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).

472. Engineering Drawing and Design.

Pre-requisite subjects: Graphics (471) and General Mathematics (201).

Pre-requisite or concurrent subject: Strength of Materials (432).

The course consists of a one-hour lecture and three hours drawing office work weekly throughout the year. The course deals with various engineering drawing

conventions; the basic geometry of common shop processes; dimensioning analysis of engineering designs; limits and fits, and dimensioning for interchangeable assembly; design principles, procedures and standards, screwed fasteners, power screws, clutches, couplings, keys and splines, springs, bearings, shafting, belt drives, and brakes.

Text-books:

- Abbott, W., *Machine drawing and design* (Blackie).
 B.S.S. 308, *Engineering drawing practice*.
 B.S.S., 1916, Part I: 1953, *Limits and fits*.
 B.S.S., 1916: Part 2: 1953, *Guide to the selection of fits*.
 S.A.A. CZ1, *Engineering drawing practice*.

Reference books:

- Faires, V. M., *Design of machine elements* (Macmillan).
 Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).
 Abbott, W., *The dimensioning of engineering drawings* (Blackie).
 Hall, A. S., and others, *Schaum's outline, theory and problems of machine design* (Schaum).
 Rollason, E. C., *Metallurgy for engineers* (McGraw-Hill).

Handbooks and codes:

- Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
Machinery's Handbook, 16th edition (Industrial Press).
 B.S.S. Handbook No. 2, *Workshop practice*.
Mechanical world yearbook.
British standard specifications (B.S.I.).
Australian standard specifications (S.A.A.).

Workshop Practice

For syllabus, see Workshop Practice I (966) under the Faculty of Technology.

475. Production Technology.

Pre-requisite subjects: Graphics (471), Workshop Practice (966), and Engineering Materials (986).

Pre-requisite or concurrent subject: Strength of Materials (432).

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-books:

- Baker, H. Wright, *Modern workshop technology*, Vols. I and II (Clever-Hume).
 Sachs, G., *Fundamentals of the working of metals* (Pergamon).

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, W., *Mechanical engineers' handbook: design and production* (Wiley).
 Ruddle, R. W., *The solidification of castings* (Institute of Metals).
 Sacks, R. J., *Theory and practice of welding* (Van Nostrand).

477. Engineering Management.

This course, covering certain of the more important fundamentals of managerial and non-technical factors which regulate the practice of Engineering, has been designed to meet the requirements of the engineering student about to enter professional practice.

The course is given in two parts which must be taken concurrently. Part A is concerned with the principles of organisation and management and Part B with managerial accounting principles from an engineering viewpoint.

PART A.—ORGANISATION AND MANAGEMENT.

Part A comprises one lecture a week throughout the year. The course gives an introduction to economic development, forms of business ownership, business finance, internal organisation, industrial engineering, quality control, plant location and layout, industrial relations and mathematical programming.

Text-books:

- Bethel, L. L., and others, *Industrial organisation and management* (McGraw-Hill); or
Robertson, S. A., *Engineering management* (Blackie).

Reference books:

- Buffa, E. S., *Modern production management* (John Wiley).
Lewis, W. A., *The theory of economic growth* (George Allen and Unwin).
S.A. Laws, Statutes, etc., *Companies Act, 1962*.
Paish, F. W., *Business finance* (Pitman).
Albers, H. H., *Organised executive action* (John Wiley).
Maynard, H. B., *Industrial engineering handbook* (McGraw-Hill).
Taylor, F. W., *Principles of scientific management* (Harpers).
Barnes, R. M., *Work sampling* (John Wiley).
Juran, J. M., *Quality control handbook* (McGraw-Hill).
Muther, R., *Practical plant layout* (McGraw-Hill).
Ferguson, R. O., and Sargent, L. F., *Linear programming* (McGraw-Hill).

PART B. — MANAGEMENT ACCOUNTING.

Part B comprises two lectures a week throughout the year and tutorial work as arranged. Written assignments will be set each fortnight. The scope of the course is as follows:

The double-entry framework and the recording of business transactions; preparation of accounting reports for different kinds of accounting entities; concepts and measurement of costs, income and funds employed; analysis and interpretation of accounting data for financial purposes; accounting as an analytical tool in management, with particular reference to planning, decision-making and control; investment planning and control; the cost of capital; inventory control; budgeting; cost accounting systems (controlled historical cost accounting, standard costing, variable or direct costing, mechanised and electronic accounting); the problem of overhead and joint costs; the relationship between costs and output; cost concepts in relation to business policy decisions.

Text-books:

- Mathews, R. L., *Accounting for economists* (Cheshire).
Solomons, D. (ed.), *Studies in costing* (Law Book Co.).
Universities of Melbourne and Adelaide, *Accountancy exercises, first year*.

Reference books:

- Richards, M. D., and Nielander, W. A. (ed.), *Readings in management* (South-Western).
Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
Kemeny, J. G. et al., *Finite mathematics with business applications* (Prentice Hall).

479. Mechanical Engineering for the Honours Degree of B.E.

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.

480. 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 dealing with unit processes (metallurgical-extractive).

481. Process Engineering I.

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

One lecture a week for two terms comprising an introduction to the processes and operations of chemical engineering. One lecture a week for one term on equilibrium stage operations.

Text-book:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

Badger, W. L., and Banchemo, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Brown, G. G., *Unit operations* (Wiley, 1950).

Riegel, E. R., *Chemical machinery* (Reinhold, 1944).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill, 1963).

483. Process Engineering IIA: Unit Operations I.

Pre-requisite subject: Process Engineering I (481).

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 engineering.

TUTORIALS: Two hours a week throughout the year devoted to problems designed to illustrate the practical applications of the theory covered in lectures.

PRACTICAL WORK: Three hours a week throughout the year on quantitative laboratory work designed to illustrate the principles of transport theory and fluid mechanics as applied to unit operations.

Text-book:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

Rohsenow, W. M., and Choi, H., *Heat, mass and momentum transfer* (Prentice-Hall, 1961).

Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley, 1960).

Bayley, F. J., *An introduction to fluid dynamics* (Allen and Unwin, 1957).

Eskinazi, S., *Principles of fluid mechanics* (Allyn and Bacon, 1962).

484. Process Engineering IIB: Unit Processes I.

Pre-requisite subjects: As for 483.

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 and to fuels and combustion.

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:

- Mantell, C. L., *Industrial electrochemistry* (McGraw-Hill, 1950).
 Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).
 Gruse, W. A., and Stevens, D. R., *Chemical technology of petroleum*, 3rd edition (McGraw-Hill).
 Hengstebeck, R. J., *Petroleum processing* (McGraw-Hill).
 Goldstein, R. F., *The petroleum chemicals industry*, 2nd edition (Wiley).
 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).
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II and III (Wiley).
 van Arsdale, C. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).
 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. L., *Metallurgical thermochemistry* (Pergamon Press, 1955).

485. Process Engineering IIC: Thermodynamics.

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.

Reference books:

- Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).
 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).
 Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics* (McGraw-Hill, 1959).
 Gilmont, R., *Thermodynamic principles for chemical engineers* (Prentice-Hall, 1959).

486. Process Engineering IID: Process Control.

Pre-requisite subjects: Chemistry IIA (234), and Physics A (Engineering) (411).

LECTURES: Two hours 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).
 Young, A. J., *An introduction to automatic process control system design* (Longmans, 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).

986. Engineering Materials.

For syllabus, see under the Faculty of Technology.

489. Chemical Engineering for the Honours Degree of B.E.

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.

491. Process Engineering IIIA: Unit Operations II.

Pre-requisite subject: Process Engineering IIA (483).

LECTURES: Four hours a week for twenty weeks devoted to the practical application of the theory of transport operations.

TUTORIALS: 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 transport phenomena.

Text-book:

- Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

- McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 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).
 Rohsenow, W. M., and Choi, H., *Heat, mass, and momentum transfer* (Prentice-Hall, 1961).
 Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley, 1960).
 Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill, 1963).
 Bennett, C. O., and Myers, J. E., *Momentum, heat, and mass transfer* (McGraw-Hill, 1962).

492. Process Engineering IIIB: Unit Processes II.

Pre-requisite subject: Process Engineering IIB.

LECTURES: Two hours a week for the first two terms 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.

Reference books:
As for 484.

493. Process Engineering IIIC: Industrial Economics.

Pre-requisite subject: Process Engineering I.

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., and Winter, C. H., *Chemical engineering economics*, 4th edition (McGraw-Hill, 1959).
 Vilbrandt, F. C., and Dryden, C. E., *Chemical engineering plant design*, 4th edition (McGraw-Hill, 1959).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Clarke, L., and Davidson, R. L., *Manual for process engineering calculations*, 2nd edition (McGraw-Hill, 1962).
 Tiffin, J., *Industrial psychology* (Prentice-Hall, 1947).
 Bichowsky, F. R., *Industrial research* (Chem. Pub. Co., 1942).
 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, L. L., *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).
 Aries, R. S., and Newton, R. D., *Chemical engineering cost estimation* (McGraw-Hill, 1955).
 Peters, M. S., *Plant design and economics for chemical engineers* (McGraw-Hill, 1958).
 Schweyer, H. E., *Process engineering economics* (McGraw-Hill, 1955).
 Osburn, J. O., and Kammermeyer, K., *Money and the chemical engineer* (Prentice Hall, 1958).
 Fleming, R., *Scale-up in practice* (Reinhold, 1958).

494. Process Engineering IIID: Plant Design.

Pre-requisite subjects: Process Engineering IIA (483) and IIB (484), and Engineering Drawing and Design (472).

This project occupies 250 to 300 hours of full-time work during the months of September/November after the normal Departmental examinations. It 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., and Davidson, R. L., *Manual for process engineering calculations*, 2nd edition (McGraw-Hill, 1961).
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. I, 2nd edition (Wiley, 1954).
 Faith, W. L., Keyes, D. B., and Clark, R. L., *Industrial chemicals*, 2nd edition (Wiley, 1957).
 Lyle, O., *The efficient use of steam* (H.M.S.O., 1947).

495. Assaying.

Pre-requisite subjects: Chemistry IA (232) and Geology IA (991).

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).

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. See syllabuses 439, 449, 459, 479, 489.

499. Honours Courses in Applied Science.

Candidates may choose one of Applied Chemistry, Primary Metallurgy, and Secondary 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.

FACULTY OF MEDICINE.**THE HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE.****509. Courses for the Honours degree of Bachelor of Medical Science.**

Candidates wishing to proceed to the Honours degree should consult the Head of the Department in which they wish to work as soon as possible.

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY
FIRST EXAMINATION

511. 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 and biological physics* (Queensland U.P.).

512. 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:

- Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley); and Finar, I. L., *Organic chemistry*, Vol. 1, 3rd edition (Longmans); or Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

270. Biology.

For syllabus, see under the Faculty of Science.

514. 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.).
Briggs, A., *The age of improvement*.
Brinton, *Ideas and men* (Prentice-Hall).
Hammond, J. L. and Barbara, *The bleak age* (Penguin).
Hippocrates, *Medical works* (Blackwell).
James, W., *The varieties of religious experience* (Fontana).

SECOND EXAMINATION

SECOND YEAR

520. 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 recommended for further reading:

Abbie, A. A., *Principles of anatomy*, 3rd edition (Angus and Robertson).

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).

Peele, Talmage L., *The neuroanatomic basis for clinical neurology*, 2nd edition (McGraw-Hill).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

521. Biochemistry.

A course of four terms of lectures, and three terms of laboratory work in biochemistry, including both fundamental and applied aspects.

Text-books:

Cantarow, A., and Schepartz, B., *Biochemistry*, 3rd edition (Saunders).

Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).

Mercer, E. H., *Cell and cell structure* (Biological Monographs, Hutchinson).

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

Reference book:

Cantarow, A., and Trumper, M., *Clinical biochemistry*, 4th edition (Saunders).

522. 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., and Leeson, T. S., *Histology*, 4th edition (Lippincott); or

Maximow, A. A., and Bloom, W., *A text-book of histology*, 8th edition, revised by W. Bloom and D. W. Fawcett (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:

- Arey, L. B., *Developmental anatomy*, 6th edition (Saunders).
 Patten, B. M., *Human embryology*, 2nd edition (Blakiston).
 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).

523. Human Physiology.

The course of lectures and experimental work 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.

Recommended preliminary reading:

- Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

Text-books:

- Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.); or
 Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Reference book:

- Starling, E. H., and Evans, Sir C. L., *Principles of human physiology*, 13th edition, edited by H. Davson and M. G. Eggleton (Churchill), 1962.

For the continuation of this subject into the fourth and fifth years of medical study see Applied Physiology and Pharmacology (553).

THIRD YEAR**530. Anatomy.**

For Syllabus see 520 Anatomy—under Second Year.

531. Biochemistry.

For Syllabus see 521 Biochemistry—under Second Year.
 Part of course 521 is given in Third Year.

533. Human Physiology.

For Syllabus see 523 Human Physiology—under Second Year.

THIRD EXAMINATION**FOURTH YEAR****541. Pathology.**

The course in Pathology extends over four terms, commencing in the third term of the 3rd year of the medical course. 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.

After the introductory course in General Pathology, Special and Applied aspects are considered in some detail. In this course the naked-eye and microscopic changes in diseased organs and tissues are considered, and the morbid physiology of disease is also discussed. The course comprises systematic lectures, weekly tutorials and practical work in histopathology, clinico-pathological

demonstrations of selected cases, which are held twice 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.

For General Pathology:

Text-books:

- Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).
Landells, J. W., *Essential principles of pathology* (Pitman).

Reference books:

- Floreys, Sir Howard, *General pathology*, latest edition (Lloyd-Luke).
Tamayo, R. Perez, *Mechanisms of disease* (Saunders).

For Special Pathology:

Text-books:

- Robbins, S. L., *Text-book of pathology*, 2nd edition (Saunders, 1962), or
Boyd, W., *Text-book of pathology*, 7th edition (Lea and Febiger, 1961).

Reference books:

- Willis, R., *Pathology of tumors* (Butterworth).

542. Bacteriology.

Bacteria of medical importance: their morphology, physiology, isolation and classification. The role of these organisms in human disease, considered as a study of host-parasite relationships. An outline of human virus infections. The principles of immunology as applied to diagnosis, prophylaxis and therapy of bacterial and viral diseases. The principles of sterilization and disinfection. Chemotherapeutic agents as selective poisons. Epidemiology and its relation to control of hospital cross-infections. Collection of specimens for bacteriological and viral diagnosis. At all stages the course is related, whenever possible, to clinical material.

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).

544. Applied Physiology and Pharmacology.

The course extends through four 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 a week throughout the fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

Text-books:

- Laurence, D. R., *Clinical pharmacology*, 2nd edition (Churchill).
Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.).
Australian pharmaceutical formulary.

Reference books:

- Beckman, H., *Pharmacology; the nature, action and use of drugs*, 2nd edition (Saunders).
Wilson, A., and Schild, H. O., *Clark's applied pharmacology*, 9th edition (Churchill).
Martindale, *The extra pharmacopoeia*, 24th edition (Pharmaceutical Press).
Adelaide Children's Hospital pharmacopoeia.
Guyton, A. C., *Text-book of medical physiology*, 2nd edition (Saunders).

FOURTH EXAMINATION

FIFTH YEAR

554. 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-book:

Boyd, W., *Textbook of pathology*, 7th edition (Lea and Febiger, 1961), or Robbins, S. L., *Textbook of pathology*, 2nd edition (Saunders, 1962).

Reference books:

Willis, R., *Pathology of tumours* (Butterworth).
Novak, E., *Gynaecological and obstetrical pathology* (Saunders).
Wintrobe, M. M., *Clinical hematology* (Lea and Febiger).

555. 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* (1960).

Burnet, Sir MacFarlane, *The natural history of infectious disease* (C.U.P.).

Hare, R., *Pomp and pestilence* (Gollancz).

Hobson, W., *The theory and practice of public health* (Oxford).

Leavell, H. R., and Clark, E. G., *Preventive medicine for the doctor in his community* (McGraw-Hill).

Southwood, A. R., *Heart disease: some ways to prevent it* (Heinemann, 1962).

Health Act and Regulations (South Australia).

Food and Drugs Act and Regulations (South Australia).

Dangerous Drugs Act (South Australia).

556. 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:

Bowden, K., *Forensic medicine*, latest edition (Jacaranda).

Reference books:

Smith, S., *Forensic medicine*, latest edition (Churchill).
 Simpson, K., *Forensic medicine*, latest edition (Arnold).
 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).

FINAL EXAMINATION

SIXTH YEAR

564. Group I: The Principles and Practice of Medicine and Therapeutics.

A. MEDICINE: A course of lectures extending over three years in the principles and practice of medicine, including therapeutics, in general and special diseases.

Clinical instruction is given during both in- and out-patient appointments in general medicine during the fourth, fifth and sixth years.

1. *Medicine.*

Text-books:

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or
 Conybeare, 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:

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:

Coope, R., *Diseases of the chest* (Livingstone); or
 Hinshaw, H. C., and Garland, L. H., *Diseases of the chest* (Saunders).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone); or
 Brain, R., *Clinical neurology* (O.U.P.).
 Wood, P. H., *Diseases of heart and circulation* (Eyre and Spottiswoode).
 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, G. C. de, *Clinical haematology in medical practice* (Blackwell).
 Jones, F. Avery-, and Gurner, J. W. P., *Clinical gastro-enterology* (Blackwell).
 Spence, A. W., *Clinical endocrinology* (Cassell).

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:

Harrison, G. A., *Chemical methods in clinical medicine* (Churchill).
 Lovell, R. H., and Doyle, A. E., *An introduction to clinical medicine* (Arnold).

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: This course is designed to help the student to appreciate the relevance for all illness of psychological and sociological factors.

In addition, the main forms of mental disorder will be studied by means of lectures and demonstrations, and with the active participation of small groups of students in patient care.

The pre-clinical part of the course deals with the development of human personality and with man's relationships to various groups in society.

In the first clinical term, the student studies the technique of interviewing; and he learns something of the doctor-patient relationship, and of the general symptomatology of mental and emotional disorder.

In the fifth year, the emphasis is on outpatient psychological medicine and the major forms of mental illness including the affective disorders, schizophrenia, psychological breakdown in the elderly, character disorders, alcohol and drug addiction, the psychoneuroses and the psychological problems associated with epilepsy.

In the sixth year, visits to various community and social institutions and agencies are undertaken.

Text-books:

- Valentine, M., *An introduction to psychiatry* (Livingstone, 1962).
 Noyes, A. P., and Kolb, L., *Modern clinical psychiatry*, 6th edition (Saunders, 1963).
 Curran, D., and Partridge, M., *Psychological medicine*, 4th edition (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).

565. Group II: The Science and Art of Surgery.

A. SURGERY: A course of lectures and demonstrations extending over three years in the principles and practice of surgery. Clinical instruction is given during in- and out-patient appointments in both general surgery and special subjects during fourth, fifth and sixth years.

Text-books:

- Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).
 Adams, J. C., *Outline of orthopaedics* (Livingstone).
 Adams, J. C., *Outline of fractures* (Livingstone).
 Bailey, H., *Demonstrations of physical signs in clinical surgery* (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).
 Pye, W., *Surgical handicraft* (Wright).

B. DISEASES OF THE EYE: A course of out-patient clinics and 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-books:

- Wolff, E., *Diseases of the eye* (Cassell).
 Roper, P. D., Trevor-, *Lecture notes on ophthalmology* (Blackwell Scientific publications, Oxford).

Reference books:

Parsons, Sir John H., *Diseases of the eye*, edited by Sir Stewart Duke-Elder (Churchill).

Philps, S., *Ophthalmology operations* (Ballière, Tindall and Cox).

Elder, Sir W. Stewart, Duke-, *Text-book of ophthalmology* (Kimpton).

This text-book of ophthalmology is now being replaced by the author's new *System of ophthalmology* of which only two of the proposed fifteen volumes are yet available.

Equipment:

Students are expected to equip themselves with an ophthalmoscope, a loupe and a condenser lens; details of approved types can be obtained from the Department of Clinical Studies.

C. DISEASES OF THE EAR, NOSE AND THROAT: A course of out-patient clinics and 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).

de Weese, D. D., and Saunders, W. H., *Textbook of otolaryngology* (Mosby).

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.

Reference 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 and demonstrations during the fifth year on the principles of anaesthetics; a course of instruction in the administration of anaesthetics and the care of the anaesthetized patient.

566. 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.

Books:

Preliminary reading:

- Townsend, S. L., *Obstetrics and gynaecology for medical students*, books I and II (Melbourne U.P., 1959).
 Townsend, S. L., *Gynaecology for students* (Melbourne U.P., 1961).

Text-books:

- Baird, D., *Combined text-book of obstetrics and gynaecology*, 7th edition (Livingstone, 1962).
 Jeffcoate, T. N. A., *Principles of gynaecology*, 2nd edition (Butterworth, 1962).
 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*, 9th edition (Churchill, 1960).
 Greenhill, J. P., *Obstetrics*, 12th edition (Saunders, 1961).
 Howkins, J., *Shaw's text-book of operative gynaecology*, 2nd edition (Livingstone, 1960).
 Rewell, R. E., *Obstetrical and gynaecological pathology* (Livingstone, 1960).
 Moir, J. C., *Operative obstetrics*, 6th edition (Ballière, Tindall and Cox, 1956).
 Haines, R. M., and Taylor, C. W., *Gynaecological pathology* (Churchill, 1962).
 Eastman, N. J., and Hellman, L. M., *Obstetrics*, 12th edition (Appleton-Century Crofts, 1961).

567. 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 LAW.

570. Elements of Law.

Outline of the constitution and jurisdiction of the courts; the system of precedent; the interpretation of statutes; basic legal concepts.

Text-books:

- Cases and materials in introduction to legal method* (obtainable at the Law School).
 Williams, G. L., *Learning the law*, 7th edition, with Australian supplement (Stevens).
 Osborn, P. G., *A concise law dictionary*, 4th edition (Sweet and Maxwell).

Reference books (available in the Library):

- Archer, P., *The Queen's courts* (Pelican).
 Phillips, O. H., *A first book of English law*, 4th edition (Sweet and Maxwell).
 Kiralfy, A. K., *The English legal system*, 3rd edition (Sweet and Maxwell).
 Baalman, J., *Outline of law in Australia*, 2nd edition (Law Book Co.).
 Allen, C. K., *Law in the making*, 6th 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, W. J. V., *Lectures on legal history*, 2nd edition (Law Book Co.).
 Gifford, K. H., *How to read an Act of Parliament* (Law Book Co.).
 Craies, W. F., *Treatise on statute law*, 6th edition, ed. S. G. G. Edgar
 (Sweet and Maxwell).

Note: Before the commencement of lectures, students should read:

Williams, G. L., *Learning the law*, 7th edition, with Australian supplement
 (Stevens).
 Archer, P., *The Queen's courts* (Pelican).

571. Constitutional Law I.

An introduction to the main principles of British constitutional law, with special reference to the application of these principles to Australia. The constitution of South Australia, its history and structure.

Text-books:

Phillips, O. H., *Constitutional and administrative law*, 3rd edition (Sweet and Maxwell).
 Phillips, O. H., *Leading cases in constitutional law*, 2nd edition (Sweet and Maxwell).
Cases, materials and readings in constitutional law (Mimeographed case-books issued by the Law School).

Reference books:

Blackmore, E. G., *The law of the constitution of South Australia* (S.A. Government Printer).
 Combe, G. 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.).
 Heuston, R. F. V., *Essays in constitutional law* (Stevens).
 Ridge, E. W., *Constitutional law of England*, 8th edition, ed. G. A. Forrest (Stevens).
 Jennings, W. I., *Law and the constitution*, 5th edition (U.L.P.).
 Jennings, W. I., *The Queen's government* (Pelican).
 Jennings, W. I., and Young, C. M., *Constitutional laws of the Commonwealth*, (O.U.P.).
 Keir, 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*, 6th edition (Longmans).

572. Criminal Law and Procedure.

A general introduction to the criminal law.

Text-book:

Brett, P., and Waller, P. L., *Cases and materials in criminal law* (Butterworth).

Reference books:

Williams, G. L., *Criminal law*, 2nd edition (Stevens).
 Barry, J. V. W., Paton, G. W., and Sawyer, G., *An introduction to the criminal law in Australia* (Macmillan).
 Cross, R., and Jones, P. A., *An introduction to criminal law*, 4th edition, Parts I and II (Butterworth).
 Kenny, C. S., *Outlines of criminal law*, 18th edition, ed. J. W. C. Turner (C.U.P.).
 Russell, W. O., *On crime*, 11th edition, ed. J. W. C. Turner (Stevens).
 Hall, J., *General principles of criminal law*, 2nd edition (Bobbs-Merrill).
 Perkins, R. M., *Criminal law* (Foundation Press).

Note: Students should purchase a copy of *Criminal Law Consolidation Act, 1935-1957*. This will be referred to in classes throughout the year and may be taken into the examination room.

574. The Law of Contract.

General principles of the law of contract, including agency.

Text-books:

- Treitel, G. H., *The law of contract* (Stevens, 1962).
 Stoljar, S. J., *Law of agency* (Sweet and Maxwell, 1961).
 Smith, J. C., and Thomas, J. A. C., *Casebook on contract*, 2nd edition (Sweet and Maxwell, 1961).

Reference books:

- Anson, W. R., *Principles of the English law of contract*, 21st edition, by A. G. Guest (Clarendon Press, 1959).
 Cheshire, G. C., and Fifoot, C. H. S., *Law of contract*, 5th edition (Butterworth, 1960).
 Chitty, J., *Treatise on the law of contracts*, 22nd edition (Sweet and Maxwell, 1961).
 Atiyah, P. S., *Introduction to the law of contract* (O.U.P., 1961).
 Wilson, J. F., *Principles of the law of contract* (Sweet and Maxwell, 1957).
 McGarvie, R. E., and Donovan, F. P., *Cases and materials on contract* (Law Book Co., 1962).
 Williston, S., *Treatise on the law of contracts*, 3rd edition (Baker, Voorhis and Co., 1957-).
 Corbin, A. L., *On contracts* (West, 1950-1951).
 Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).
 Fridman, G. H. L., *Law of agency* (Butterworth, 1960).

575. The Law of Torts.

General principles of the law of torts; specific torts.

Text-books:

- Morison, W. L., Morris, N. R., and Sharwood, R. L., *Cases on the law of torts* (Law Book Co.).
 Fleming, J. G., *The law of torts in Australia*, 2nd edition (Law Book Co.).

Reference books:

- Street, H., *The law of torts*, 2nd edition (Butterworth).
 Salmond, J. W., *Law of torts* (ed. Heuston), 13th edition (Sweet and Maxwell).
 Winfield, P. H., *Text-book of the law of tort*, 6th edition (Sweet and Maxwell).
 Pollock, F., *Law of torts*, 15th edition (Stevens).
 Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 12th 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 (West).

Note: Students should purchase a copy of the *Wrongs Act*, 1936-1959. This will be referred to in classes and may be taken into the examination room.

576. The Law of Property.

Pre-requisite or concurrent subjects: The Law of Contract; the Law of Torts.

- (a) Principles of the law of real and personal property, and particularly: estates in land (including leaseholds), equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, and the general principles of personal property (including general principles of bailment).
 (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*, any edition (Stevens); or
 Hargreaves, A. D., and Helmore, B. A., *Introduction to the principles of land law, New South Wales* (The Law Book Co.).
 Goodeve, L. A., *Modern law of personal property*, 9th edition, by R. H. Kersley (Sweet and Maxwell); or
 Vaines, J. C., *Personal property*, 3rd edition (Butterworth).

Reference books:

- Cheshire, G. C., *Modern law of real property*, any edition (Butterworth).
 Megarry, R. E., and Wade, H. W. R., *The law of real property*, any edition (Stevens).
 Kerr, D., *Australian land titles (Torrens) system* (Law Book Co.).
 Jessup, G. A., *Forms and practice of lands titles office of S.A.*, 3rd edition (Law Book Co.).
 Morris, J. H. C., and Leach, W. B., *The rule against perpetuities* (Stevens).
 Harrison, W., *Cases on land law* (Law Book Co.).
 Pollock, F., and Wright, R. S., *An essay on possession in the common law* (O.U.P.).
 Simpson, A. W. B., *An introduction to the history of the land law* (O.U.P., 1961).

577. Constitutional Law II.

Pre-requisite subject: Constitutional Law I.

The constitution of the Commonwealth of Australia; introduction to administrative law.

Text-books:

- Cases, materials and readings in Australian constitutional law* (Mimeographed casebooks issued by the Law School).
An introduction to Australian administrative law (Mimeographed casebook issued by the Law School).
 Sawyer, G., *Cases on the constitution of the Commonwealth of Australia*, 2nd edition (Law Book Co.).

Reference books:

- Brennan, *Interpreting the constitution* (M.U.P.).
 Cowen, Z., *Federal jurisdiction in Australia* (O.U.P.).
 Else-Mitchell, R., *Essays on the Australian constitution*, 2nd edition (Law Book Co.).
 Nicholas, H. S., *The Australian constitution* (Law Book Co.).
 Quick, J., and Garran, R. R., *Annotated constitution of the Australian Commonwealth* (Angus and Robertson).
 Wynes, W. A., *Legislative and executive powers in Australia*, 3rd edition (Law Book Co.).
 Allen, C. K., *Law and orders*, 2nd edition (Stevens).
 de Smith, S. A., *Judicial review of administrative action* (Stevens).
 Friedmann, W., and Benjafield, D. G., *Principles of Australian administrative law*, 2nd edition (Law Book Co.).
 Griffith, J. A. G., and Street, H., *Principles of administrative law*, 3rd edition (Pitman).
 Robson, W. A., *Justice and administrative law*, 2nd edition (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.

580. Jurisprudence.

Pre-requisite subjects: Elements of Law; Constitutional Law I; Criminal Law and Procedure.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

The philosophy of law; historical and analytical jurisprudence.

Text-books:

- Lloyd, D., *Introduction to jurisprudence* (Stevens).
 Hart, H. L. A., *The concept of law* (O.U.P.).

Reference books:

- Allen, C. K., *Law in the making*, 6th edition (O.U.P., 1958).
 Cardozo, B. N., *The nature of the judicial process* (Yale U.P., 1948).
 d'Entrèves, A. P., *Natural law* (Hutchinson's U.L., 1951).
 Diamond, A. S., *The evolution of law and order* (Watts, 1951).
 Friedmann, W., *Legal theory*, 4th edition (Stevens, 1960).

- Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).
 Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).
 Salmond, J. W., *Jurisprudence*, 11th edition (Sweet and Maxwell, 1957).
 Stone, J., *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, G. H., *History of political theory* (3rd edition), especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

581. Roman Law.

Pre-requisite subjects: Elements of Law; An Elementary Knowledge of Latin; Two of:—The Law of Contract; The Law of Torts; The Law of Property—if any one of these subjects has not previously been passed it must be taken concurrently.

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-book:

Lee, R. W., *The elements of Roman law*, 4th edition (Sweet and Maxwell).

Reference books:

- de Zulueta (ed.), *Gaius*, Vols. I and II (O.U.P.).
 Moyle, J. B. (ed.), *Justinian's Institutes*, 5th edition (O.U.P.).
 Buckland, W. W., *A text-book of Roman law*, 3rd edition (C.U.P.).
 Hunter, W. A., *Roman law* (Sweet and Maxwell).
 Jolowicz, H. F., *Historical introduction to the study of Roman law*, 2nd edition (C.U.P.).
 Buckland, W. W., and McNair, A. D., *Roman law and common law*, 2nd edition (C.U.P.).
 Schulz, F., *Classical Roman law* (O.U.P.).
 Sohm, R., *Institutes of Roman law*, 3rd edition (O.U.P.).

582. International Law.

Pre-requisite subjects: Elements of Law; Criminal Law and Procedure.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

Text-books:

- Oppenheim, L. F. L., *International law*, 8th edition, Vol. I, ed. H. Lauterpacht.
 Green, L. C., *International law through the cases*, 2nd edition (Stevens).
 Brierly, J. L., *The law of nations*, 6th edition (1962).

Reference books:

- Lauterpacht, H., *Recognition in international law* (C.U.P.).
 O'Connell, D. P., *The law of state succession* (C.U.P.).
 Colombos, C. J., *International law of the sea*, 5th edition (Longmans).
 McNair, A., *The law of treaties* (O.U.P.).

583. Legal History.

Pre-requisite subjects: Elements of Law; Constitutional Law I; Criminal Law and Procedure.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects.

The lecture subjects for the year 1963 will be on topics to be prescribed in lectures.

There is no one text-book which 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).
 Maitland, F. W., *The forms of action at common law* (C.U.P.).
 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).
 Radcliffe, G. R. Y., and Cross, G., *English legal system*, 3rd edition (Butterworth).
 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.).
 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, R., *Personal actions at common law* (Butterworth).
 Dicey, A. V., *Law and public opinion in England*, 2nd edition (Macmillan).

584. Equity.

Pre-requisite subjects: The Law of Contract; The Law of Property.

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*, 25th edition (Sweet and Maxwell).
 Nathan, J. A., *Equity through the cases*, 4th 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).

585. Mercantile Law I.

Pre-requisite subjects: The Law of Contract; The Law of Property.

Pre-requisite or concurrent subject: Equity.

General principles of mercantile law; more specific treatment of laws relating to agency, sale of goods, hire-purchase agreements, bills of sale, bailment, guarantees and indemnities, and negotiable instruments with particular emphasis on cheques; 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.
Bankruptcy Act, 1924-1959.
 South Australian: *Sale of Goods Act*, 1895-1952.
Hire-Purchase Agreements Act, 1960-1962.
Bills of Sale Act, 1886-1935, and
Bills of Sale Act Amendment Act, 1940.
Mercantile Law Act, 1936.
The Partnership Act, 1891-1935.
Companies Act, 1962.

Text-books:

- Atiyah, P. S., *The sale of goods*, 2nd edition (Pitman).
 Megrah, M., *The bills of exchange act, 1882*, 5th edition (Pitman, 1957).
 Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).
 Lewis, A. N., *Australian bankruptcy law*, 4th edition, ed. J. F. Patrick (Law Book Co., 1955).

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.).
 Powell, R., *The law of agency*, 2nd edition (Pitman, 1961).
 Pollock, F., *Law of partnership*, 15th edition (Stevens, 1952).
 Else-Mitchell, R., and Parsons, R. W., *Hire-purchase law*, 3rd edition (Law Book Co., 1961).
 Schmitthoff, C. M., *The sale of goods* (Stevens, 1951).
 Yorston, R. K., and Fortescue, E. E., *Australian mercantile law*, 11th edition (Law Book Co., 1959).
 Higgins, P. F. P., *The law of partnership* (Law Book Co., 1963).

590. Private International Law.

Pre-requisite subjects: The Law of Contract; the Law of Torts; The Law of Property; Equity.

Pre-requisite or concurrent subjects: Mercantile Law I; The Law of Evidence and Procedure.

General principles of private international law; the law of domicile; enforcement of foreign judgments; diversity and matrimonial causes jurisdiction in Australia; choice of law.

Text-books:

- Sykes, E. I., *Cases and materials on private international law* (Law Book Co., 1962).
 Cowen, Z., and Mendes da Costa, D., *Matrimonial causes jurisdiction* (Law Book Co., 1961).

Reference books:

- Dicey, A. V., *Conflict of laws*, 7th edition (Stevens, 1958).
 Cheshire, G. C., *Private international law*, 6th edition (O.U.P., 1961).
 Wolff, M., *Private international law* (Clarendon Press, 1950).
 Morris, J. H. C., *Cases on private international law*, 3rd edition (O.U.P., 1960).
 Cowen, Z., *American-Australian private international law* (Oceana, 1957).
 Cowen, Z., *Federal jurisdiction in Australia* (O.U.P., 1959).

591. Family Law.

Pre-requisite subjects: The Law of Contract; The Law of Torts; The Law of Property; Equity; Mercantile Law I.

Details of this course and a reading list are available at the Law School.

592. Mercantile Law II.

Pre-requisite subject: Mercantile Law I.

Pre-requisite or concurrent subject: Equity.

The course consists of a detailed study of selected topics in mercantile and commercial laws. It includes an examination of particular aspects of banking, bankruptcy, company, insurance, partnership, retail sales, and transport laws.

Further details of the course and a list of text-books, statutes and other reading material are available at the Law School.

593. Administrative, Local Government and Industrial Law.

Pre-requisite subjects: Criminal Law and Procedure; The Law of Contract; The Law of Torts; Constitutional Law II.

Pre-requisite or concurrent subjects: The Law of Property; Equity; Mercantile Law I.

Details of this course and a reading list are available at the Law School.

594. The Law of Evidence and Procedure.

Pre-requisite subjects: Criminal Law and Procedure; The Law of Contract; The Law of Torts.

Pre-requisite or concurrent subjects: The Law of Property; Equity.

The law of evidence generally; pleading and practice in the Supreme Court and Local Court.

Text-book:

Cross, R., *Evidence*, 2nd edition (Butterworth, 1963).

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.).

Daniell, E. R., *Treatise on the practice of the High Court of Chancery*.

Chitty, T., *Queen's bench forms*, 18th edition.

Commonwealth matrimonial causes hand-book.

Odgers, W. B., *Principles of pleading*, 17th edition (Stevens).

Cockle, E., *Cases and statutes on the law of evidence*, 10th edition (Sweet and Maxwell, 1963).

595. Legal Ethics and Accounts.

See Regulation 5A of the LL.B. Regulations.

A course of lectures on the rules and etiquette of professional practice, and on certain basic accounting procedures in the practitioner's office.

598. Taxation Law.

This course of lectures is given only in alternate years, and will not be given in 1964.

It is 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.

Arts Subjects.

See Regulation 3 (1) (b) of the LL.B. Regulations.

Syllabuses as prescribed under the Faculty of Arts.

599. The Honours Degree of Bachelor of Laws.

See Regulation 3A (1), (a), (b) and (c) of the LL.B. Regulations.

FACULTY OF DENTISTRY.**THE HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY****609. Courses for the Honours degree of Bachelor of Dental Surgery.**

Candidates wishing to proceed to the Honours degree should consult the head of the Department in which they wish to work.

THE ORDINARY DEGREE OF BACHELOR OF DENTAL SURGERY.**FIRST YEAR.****511. Physics.**

For syllabus, see under Faculty of Medicine.

512. Chemistry.

For syllabus, see under Faculty of Medicine.

270. Biology.

For syllabus, see under Faculty of Science.

SECOND YEAR.**621. 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).

Books for reference and further reading:

Gray, H., *Anatomy, descriptive and applied* (Longmans).
Sicher, H., *Oral anatomy*, 3rd. edition (Mosby).

622. 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-book:

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).
Orban, B. J., *Oral histology and embryology*, 5th edition (Mosby).

Reference books:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).
Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).
Noyes, F. B., *Oral histology and embryology*, edited and revised, Schour (Kimpton).
Widdowson, T. W., *Special or dental anatomy and dental histology* (Staples).

623. Biochemistry.

A course of lectures and practical work on general biochemistry during two terms.

In the first term, dental students attend the same lectures as second-year medical students. The rest of the course for dental students, including all the practical work, is given in the third term.

Text-book:

Conn, E. E., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

Reference book:

Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).

624. Human Physiology.

The course in Human Physiology extends over the second and third terms of the Second year and is continued in the Third year. (See Syllabus 634.)

Recommended preliminary reading:

Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

Text-books:

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.); or
Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Reference book:

Starling, E. H., and Evans, Sir C. L., *Principles of human physiology*, 13th edition, edited by H. Dawson and M. G. Eggleton (Churchill).

625. Oral Anatomy and Physiology.

A course of lectures and demonstrations will be given on the morphology of human teeth, deciduous and permanent; the functional anatomy of the human jaws and associated structures.

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*, 3rd edition (Livingstone, 1961).

Reference books:

Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).

626. Dental Materials and Technics.

A course of lectures, tutorials and practical work is given during second year and is continued in the third year.

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-books:

Skinner, E. W., *The science of dental materials*, 5th edition (Saunders).

Roydhouse, R. H., *Materials in dentistry* (Year Book Publications).

Reference books:

Anderson, J. N., *Applied dental materials* (Blackwell).

Peyton, F. A., and others, *Restorative dental materials* (Mosby).

Australian dental standard specifications.

American Dental Association, *Specifications for dental materials 1960-1961.*

THIRD YEAR

632. Applied Oral Anatomy and Applied Physiology.

Basic principles of anatomy and physiology are considered in their application to the practice of clinical dentistry. Special emphasis is placed on the components of the oro-facial region and their relationships to each other and to the general systems of the body. The course in applied physiology will be held throughout the third term, and is continued in the Fourth and Fifth years.

Text-books:

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 3rd edition (Livingstone).

Posselt, U., *Physiology of occlusion and rehabilitation* (Blackwell).

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.).

Reference books:

Sicher, H., *Oral anatomy*, 3rd edition (Mosby, 1960).

Shapiro, H. H., *Maxillofacial anatomy* (Lippincott).

Orban, B. J., *Oral histology and embryology*, 5th edition (Mosby, 1962).

Kennedy, A. C., *Essentials of medicine for dental students* (Livingstone).

Cheraskin, E., and Langley, L. L., *Dynamics of oral diagnosis* (Year Book Publishers).

Special references will be given during the course.

633. General Pathology.

A course of instruction on the general principles of pathology, including the genetic background to disease, inflammation, syphilis, tuberculosis, actinomycosis, viruses, reaction of degeneration and infiltrations, repair processes, malformations, neoplasia, biological effects of radiation, reactions of the blood in disease, and with specific reference to the pathology of systemic diseases of importance in dental practice.

Text-books:

Wright, G. P., *An introduction to pathology* (Longmans); or
Landells, W. J., *Essential principles of pathology* (Pitman).

Reference books:

Boyd, W., *Textbook of pathology*, 7th edition (Lea and Febiger, 1961), or
Robbins, S. L., *Textbook of pathology*, 2nd edition (Saunders, 1962).

634. Human Physiology.

This course extends over the first and second terms and is a continuation of studies in Physiology from the Second year (see Syllabus 624).

Text-books:

As for Syllabus 624.

635. 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.

An introductory course at the beginning of the year precedes the formal course which commences in the second term.

Text-book:

U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott, 1956).

Reference books:

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).
Thoma, K. H., and Goldman, H. M., *Oral Pathology*, 5th edition.
Pickerill, H. P., *Prevention of dental caries and oral sepsis* (Baillière, Tindall and Cox).

636. 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.

Reference books:

Brauer, J. C., Higley, Massler and Schour, *Dentistry for children* (McGraw-Hill).
Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
Gabel, A. B. (ed.), *American text-book of operative dentistry* (Lea and Febiger).
Grossman, L. I., *Endodontic practice* (Lea and Febiger).
Johnston, J. F., Phillips and Dykema, *Modern practice in crown and bridge prosthodontics* (Saunders).
McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).
McGehee, W. H. O., and others, *A text-book of operative dentistry* (McGraw-Hill).

Peyton, F. A., and others, *Restorative dental materials* (Mosby).
 Simon, W. J. (ed.), *Clinical operative dentistry* (Saunders).
 Tylman, S. D., and Tylman, S. G., *Theory and practice of crown and bridge prosthodontics* (Mosby).

PROSTHETIC DENTISTRY: A course of lectures, demonstrations, practical exercises and clinical tutorials related to the replacement of missing teeth and associated structures.

Text-book:

Posselt, U., *The physiology of occlusion and rehabilitation* (Blackwell).

Reference books:

McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).

Osborne, J., *Dental mechanics for students* (Saunders).

FOURTH YEAR.

641. 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:

Kennedy, A. C., *Essentials of medicine for dental students* (Livingstone).

Reference books:

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone).

Collins, L. H., and Crane, M. P., *Internal medicine in dental practice* (Kimpton).

642. 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).

643. 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).

Davies, G. N., and King, R. M., *Dentistry for the pre-school child* (Livingstone).

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 the oral mucous membrane.

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., *Paradental diseases* (Eyre and Spottiswoode).
 Glickman, I., *Clinical periodontology* (Saunders).
 Burket, L. W., *Oral medicine* (Lippincott).
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).
 Goldman, H. M., and Cohen, D. W., *Periodontia* (Mosby).

644. 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 (635) 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-book:

- U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

Reference books:

- Stones, H. H., *Oral and dental diseases*, 4th edition (Livingstone).
 Thoma, K. H., and Goldman, H. M., *Oral pathology*, 5th edition (Kimpton).
 Fish, E. W., *Surgical pathology of the mouth*.
 Burnett, G. W., and Scherp, H. W., *Oral microbiology and infectious diseases*, 2nd edition (Williams and Wilkins).

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.

Reference books:

- Howe, G. L., *The extraction of teeth* (Wright).
 Schram, W. R., *A manual of oral surgery techniques* (Saunders).
 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).
 Rowe, N. L., and Killey, H. C., *Fractures of the facial skeleton*.

PHARMACOLOGY AND THERAPEUTICS: An introductory course consisting of two lectures is given in the commencement term in third year; and the course proper extends over three terms in fourth and fifth year. It deals with drugs, their physiological action and their application to clinical dentistry.

Text-book:

Francis, L. E., and Wood, D. R., *Dental pharmacology and therapeutics*.

Reference book:

American Dental Association, *Accepted dental remedies*, latest edition.

645. 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:

McCall, J. O., and Wald, S. S., *Clinical dental roentgenology* (Saunders).

Swenson, M. G., and Terkla, L. G., *Complete dentures* (Mosby).

McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).

Reference books:

In addition to those listed under 616 and 625:

Anthony, L. P. (ed.), *American text-book of prosthetic dentistry* (Lea and Febiger).

Applegate, O. C., *Essentials of removable partial denture prosthesis* (Saunders).

Gehl, D. H., and Drezen, O. M., *Complete denture prosthesis* (Saunders).

Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).

Tylman, S. D., *Crown and bridge prosthesis* (Mosby).

FIFTH YEAR.

651. Clinical Dentistry II — Part A.

This course is a continuation of studies and clinical practice in preventive dentistry, children's dentistry, orthodontia and periodontia.

652. 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.

This part of the course consists of classes in oral patho-histology at an advanced level, seminars, the presentation of clinical cases and discussion on them by students.

653. Clinical Dentistry II — Part C.

This course is a continuation of studies and clinical practice in restorative dentistry.

Text-books and reference books:

Those listed under 626, 636, and 645.

654. 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.

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.

661. 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-book:

Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley).

662. 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:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

PHARMACY I.

The course comprises subjects 663, 664 and 665.

663. 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).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Reference books:

The British Pharmaceutical Codex (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Tutorial pharmacy* (Pitman).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

664. 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.

665. 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.

671. 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; sulphad-rugs. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-books:

Finar, I. L., *Organic Chemistry*, Vol. 1, 3rd Edition, (Longmans); or, 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:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).
Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).
Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

Reference books:

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (Cambridge).
Middleton, H., *Systematic qualitative organic analysis* (Arnold).

672. 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 quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

Text-book:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

270. Biology.

For syllabus, see under the Faculty of Science.

THIRD EXAMINATION.**681. 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:

Ramstad, E., *Modern pharmacognosy* (McGraw-Hill).

Trease, G. E., *A text-book on pharmacognosy* (Bailliere, Tindall and Cox).

PHARMACY II.

This subject comprises the following three units:

682. 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.

683. 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, unit operations of pharmaceutical importance; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

684. 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:

691. 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:

Martindale, W. H., *The extra pharmacopoeia*, Vols. I and II (Pharmaceutical Press).

Husa, W. A., *Pharmaceutical dispensing* (Mack).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

692. 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.

693. 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 (682 and 692).

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, F. L., *Psychology and life* (Scott Freeman, N.Y.).

PHARMACY IV.

This subject comprises the following four units:

694. 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).

695. 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).

696. 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.

697. Organic Medicinals.

This course consists of one lecture a week, and is primarily concerned with the organic compounds of pharmaceutical interest and extends the scope of Organic Chemistry (761). Reference is made to the use and action of selected drugs.

DIPLOMA IN PHYSIOTHERAPY

FIRST-YEAR COURSE.

711. 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., and others, *Human embryology* (Heffer).

Hewer, E. E., *Text-book of histology for medical students* (Heinemann).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Cunningham, D. J., *Text-book of anatomy* (O.U.P.); or

Gray, H., *Anatomy, descriptive and surgical* (Longmans); or

Lockhart, R. D., and others, *Anatomy of the human body* (Faber).

Students must equip themselves with dissecting instruments and half a human skeleton. Some microscopes are available for hire.

712. 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).

Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).

713. Treatment I.

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, passive joint mobilisation 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).

Guthrie, D., *A history of medicine* (T. Nelson and Sons, 1958).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

714. 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.

715. Physiology.

The course consists of two lectures a week for three terms. 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); or
 Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall); or
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954); or
 Winton, F. R., and Bayliss, L. E., *Human physiology* (Churchill, 1955).

82. Psychology IA.

For syllabus see under Faculty of Arts.

SECOND-YEAR COURSE

721. 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).

722. 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 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:

- 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).
 Duvall, E. N., *Kinesiology; the anatomy of motion* (Prentice-Hall, 1959).

723. Treatment II.

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. Principles and application of hydrotherapy with demonstration and practice in a pool.

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*, 10th edition (Wright).
 Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).
 Cyriax, J. H., *Text-book of orthopaedic medicine*, Vol. I (Cassell).

Reference books:

- Randall, M., *Training for childbirth* (Churchill).
 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*, Vol. 2 (Cassell).
 Cyriax, J. H., *Disc lesions* (Cassell).
 Read, G. D., *Childbirth without fear* (Heinemann).
 Powell, M., *Orthopaedic nursing* (Livingstone, 1961).
 Colson, J. H., *Rehabilitation of the injured* (Cassell).
 Jones, Sir R. Watson, *Fractures and other bone and joint injuries* (Livingstone).
 De Lorme, T. L., *Progressive resistance exercise* (Appleton-Century-Crofts, 1951).
 Stoddard, A., *Manual of osteopathic technique* (Hutchinson, 1959).
 Vellay, P., *Childbirth without pain* (Hutchinson, 1959).
 Parry, C. B. Wynn, *Rehabilitation of the hand* (Butterworth, 1958).
 Lowman, C. LeRoy, and Roen, S. J., *Underwater therapy* (Rubel Memorial Library, Los Angeles, California).
 Bolton, E., and Goodwin, D., *Introduction to pool exercises* (Livingstone).
 Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone).

724. Electrotherapy I.

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; microwave diathermy; ultra-sonics; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra-red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra-violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications.

Text-book:

Clayton, E. B., and Scott, P. M., *Electrotherapy and actinotherapy*, 4th edition (Baillière, Tindall and Cox).

Reference books:

Beckett, R. H., *Modern actinotherapy* (Heinemann, 1955).

Scott, B. O., *Principles and practice of diathermy* (Heinemann).

Scott, B. O., *The principles and practice of electrotherapy and actinotherapy*.

Kovacs, R., *Electric therapy and light therapy* (Kempston).

Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).

Licht, S. H., *Therapeutic heat* (Elizabeth Licht, 1958).

725. Pathology.

The course consists of one lecture a week for three terms, and practical work in the laboratory of histopathology.

A. GENERAL PATHOLOGY.—Inflammation; immunity; hypertrophy and atrophy; degeneration; repair (scar tissue, adhesions, etc.); nature of tumor 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:

Boyd, W., *Text-book of pathology*, 7th edition (Lea and Febiger).

726. Practice of Hospital Work I.

The course covers certain nursing procedures, bandaging, splinting, 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 and at the Queen Elizabeth Hospital.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms, approximately 320 hours.

B. IN-PATIENTS.—Approximately 25 hours during the second or third terms.

THIRD-YEAR COURSE

732. 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.

733. Treatment III.

The course consists of one lecture a week and daily clinical 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, and two lectures on manipulations of joints.

Reference books:

- Hobson, E. P. G., *Physiotherapy in paraplegia* (Churchill, 1956).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 Knudsen, K. A., *Text-book of gymnastics* (Churchill).
 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).
 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).
 Hollis, M., and Roper, M. H. S., *Suspension therapy* (Baillière, Tindall and Cox, 1958).
 Foley, William T., and Irving, S. W., *Colour atlas and management of vascular disease* (Appleton-Century-Crofts).
 Kersley, G. D., *The rheumatic diseases* (Heinemann, 1950).
 Ebner, M., *Connective tissue massage* (Livingstone, 1962).
 Licht, S. H., *Massage manipulation and traction* (E. Licht, 1960).

734. Electrotherapy II.

The course consists of eight lectures and four practical demonstrations which cover revision of physics of low frequency currents, high frequency currents and radiation, and methods of application to patients. Also the evaluation and uses of treatment by electrotherapy, and the principles of electrodiagnosis.

Clinical teaching and practical work on patients is carried out during the three terms.

Reading, and reference books will be suggested at lectures.

736. Practice of Hospital Work II.

A. At the Royal Adelaide Hospital:

The course extends over sixteen 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; and manipulations. The students work approximately 30 hours a week, a total of 480 hours.

B. At the Queen Elizabeth Hospital:

The course comprises 30 hours a week for eight weeks and includes practice in the wards and the Physiotherapy Department, and clinical teaching.

C. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eight 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.

- D. At the Queen Victoria Maternity Hospital:
Students attend five mornings a week for four weeks, the work covering pre- and post-natal work and clinical instruction.
- E. 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 MUSIC

DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

Chief Practical Study I (740), II (741) and III (742)
and

Second Practical Study I (743), II (744) and III (745).

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.

Drama I (746), II (747), and III (748).

These courses are not yet available.

750. 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).

751. 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.).
Burnard, A., *Harmony and Composition* (Angus and Robertson).

752. 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).
 Burnard, A., *Harmony and Composition* (Angus and Robertson).
 Lang, *Score reading exercises*, Book I (Novello).
 Lovelock, *Graded exercises in transposition* (Hammond).
Any standard collection of Bach chorales.
Selected classical string quartets.

753. 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).
 Burnard, A., *Harmony and Composition* (Angus and Robertson).

754. 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, *Introduction to orchestral score reading* (Hammond).
 Morris, *Figured harmony at the keyboard*, Parts I and II (O.U.P.).
 Burnard, A., *Harmony and Composition* (Angus and Robertson).

Reference books:

- Andrews, *Oxford harmony*, Book II (O.U.P.).
 Bairstow, *Counterpoint and harmony* (Macmillan).

755. History of Music I.

SYLLABUS: Outline of European Musical History from the Middle Ages to the present day.

Prescribed works:

- Palestrina, *Stabat Mater*.
- 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*.
- Wagner, *Prelude to "Tristan and Isolde"*.
- Verdi, *Aida*.
- Debussy, *L'après-midi d'un 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*.

756. 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.).

757. History of Music III.

SYLLABUS: History and development of music during the 19th and 20th centuries.

Prescribed works:

- Beethoven, *Pianoforte concerto in E flat* ("Emperor").
 Schubert, *Symphony No. 9 in C*.
 Wagner, "*Rheingold*".
 Brahms, *Double concerto for violin and violoncello*.
 Britten, "*War requiem*".
 Stravinsky, "*Petrouchka*".
 Bartok, *Concerto for orchestra*.
 Walton, *Viola concerto*.
 Strauss, *Ein Heldenleben*.
 Hindemith, *Symphonic metamorphoses*.
 Badings, *Concerto for two violins*.

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).
 Myers, R. H., *Twentieth century music* (John Calder).

758. History of Music IV.

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.

Candidates are required to seek, at the beginning of the second term, approval of the subject of the prepared essay.

Modern Languages I (760), II (761), and III (762).

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.

763. 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.).

764. 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).

765. 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).

766. 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).

Speech Training I (767) and II (768).

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).

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.

770. Principles of Class Music Teaching I.

A survey of music education for primary grades, its aims and methods designed to equip the teacher for school music.

SYLLABUS:

Consideration is given to the development of the child at this age level and the course covers essential principles in the following areas:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; developing concepts of pitch; the Tonic Solfa and relative pitch; absolute pitch; major and minor modes; rhythm.
3. The use of notation for pitch and rhythm; music reading and dictation.
4. Music expression and appreciation.
5. Music making—through singing (unison and in harmony); improvisation and playing instruments.
6. Lesson planning.

EXAMINATION: One three-hour paper.

Text-books:

Penrose, A. I.: *Method in the teaching of music in schools* (S.A. Education Department).

Winn, C., *Teaching music* (O.U.P.).

Reference books:

Fiske, and Dobbs, *The Oxford school music book—junior and senior teacher's manuals* (O.U.P.).

Chamberlain, M., *Ear training* (O.U.P.).

MacPherson and Read, *Aural culture* (Williams).

Winn, C., *Children singing* (O.U.P.).

Rainbow, B., *Music in the classroom* (Heinemann).

771. Principles of Class Music Teaching II.

The work is extended to cover essential principles, methods and materials for secondary level.

SYLLABUS:

1. The adolescent; class management.
2. Curricula and lesson planning.
3. Elements in musical experience and how to use them—singing, aural training, music appreciation, music reading, creative work.
4. Choir training and treatment of the adolescent voice.
5. Repertoire and aids—choral, instrumental, appreciation.
6. Organisation and administration, extra curricular activities in music.

EXAMINATION: One three-hour paper.

Text-books:

Hooper, C., *Teaching music to classes* (Arnold).

Shaw, Watkins, *Music in the secondary school* (Dobson).

Reference books:

- Mellalieu, *The boy's changing voice* (O.U.P.).
 McKenzie, *Training the boy's changing voice* (Rutgers).
 Ehret, *The choral conductor's handbook* (Augener).
 Fishburn, *Fundamentals of music appreciation* (Longmans).
 Scholes, *Music, the child and the masterpiece* (O.U.P.).
 Sur and Schuller, *Music for teenagers*.
 National Council of Social Service, *Youth makes music*.
 Periodical: *Music educator's national conference journal*.

772. Principles of Class Music Teaching III.

SYLLABUS:

1. Philosophy: School music aims and objects.
2. Investigation and application of psychology to school music teaching.
 Musical Aptitude.
 Memory.
 Executant Factors.
3. Training the musician and teacher.
4. Comparative methods in music education.
5. Organisation and administration of instrumental programme in schools.
6. Music supervision.
7. Music education in society.

EXAMINATION: One three-hour paper.

Text-books:

- Unesco, *Music in education* (U.N.E.S.C.O.).
 Shaw, Watkins, *Musical education* (Hinrichsen).
 Mursell and Glenn, *The psychology of school music teaching* (Silver Burdett).

Reference books:

- Buck, *Psychology for musicians* (O.U.P.).
Oxford companion to music (references to articles provided) (O.U.P.).
 Ann Arbor Microfilm Library Publications, *Conservatorium library*.

Periodicals:

- The school music teacher*.
MENC journal of research in music education.

The Scope of School Music I (773), II (774), and III (775).

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.

Ensemble Playing I (776) and II (777).

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.

780. 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.

781. 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.

783. 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.).

784. 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.

785. 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.)

786. 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).

787. Counterpoint III.

SYLLABUS:

Free style original work for any medium.

EXAMINATION: One three-hour paper.

Reference book:

- Bairstow, *Counterpoint and harmony* (Macmillan).

790 and 791. 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.).

792. 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.

794. 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.

795. 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.).
 Graf, M., *Composer and critic* (Chapman and Hall).
 Demuth, N., *Anthology and musical criticism* (Eyre and Spottiswoode).
 Howes, F., *Man, mind, and music* (Secker and Warburg).
 Seashore, *In search of beauty in music* (Ronald Press).
 Newman, *From the world of music* (Calder).

796. 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.).

797. 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).

798. Special Study.

This subject is part of Music III for the degree of Bachelor of Arts.

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.

Candidates are required to seek, at the beginning of the second term, approval of the subject of the special study.

799. Honours Exercise or Thesis.

As determined or approved by the Faculty of Music in each case.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Note: Syllabuses 800 to 809 inclusive appear following syllabus 859.

SUBJECTS FOR THE DEGREE OF BACHELOR OF ARCHITECTURE FIRST YEAR

811. 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. Masonry.

Text-books:

McKay, W. B., *Building construction*, Vol. I (Longmans).
Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

Reference book:

Mitchell, G. A., and Mitchell, A. M., *Elementary building construction*, 23rd edition by R. Moxley (Batsford).

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 (822) which is a pass either in Mathematics I and II at the Leaving Honours examination or in General Mathematics (201).

813. Building Science I.

A knowledge of Physics and Chemistry to Leaving standard is desirable.

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; sun control; daylighting standards and assessments; natural ventilation.

Text-books:

Reid, D., *Building science*, Vols. 1 and 2 (Longmans).
Great Britain: Building Research Board, *Principles of modern building*, Vol 1 (H.M.S.O.).
Geeson, A. G., *Building science*, Vol. 2 (G.U.P.).
Australia. Commonwealth Experimental Building Station, *Technical study no. 23, sunshine and shade in Australasia*, by R. O. Phillips (C.E.B.S.)
Australia. Labour and National Service Department of, Industrial Welfare Division, *Data sheets on architectural control of sunlight penetration*, (The Department, Melbourne).
Australia. Commonwealth Experimental Building Station, Bulletin No. 7: *The design of building for daylighting* (C.E.B.S.).
Australia. Commonwealth Experimental Building Station, *Notes on the science of building* (C.E.B.S.) as prescribed by the lecturer.

814. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece and Rome; and of the Early Christian, Byzantine, Romanesque, and Gothic periods.

Text-books:

Allsop, H. S., *The general history of architecture* (Pitman).
Fletcher, B., *History of architecture* (Batsford).
Pevsner, N., *An outline of European architecture* (Penguin).

Reference books:

Glover, T., *The ancient world* (Pelican).
Kitto, H. D., *The Greeks* (Pelican).
Barrow, R. H., *The Romans* (Pelican).
The Pelican *History of art* series.
Simpson, F. M., *History of architectural development*, Vols. I, II, III (Longmans).
Gardner, H., *Art through the ages* (Bell).

815. 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).

Pierce, S. R., *Planning* (Iliffe).

Reference books:

Ellis, C. W., *The pleasures of architecture* (Cape).

Gropius, W., *The scope of total architecture* (Allen and Unwin).

Leathart, J. R., *Style in architecture* (Nelson).

Guadet, I., *Eléments et théorie de l'architecture* (Librairie de la Construction Moderne).

Rasmussen, S. E., *Experiencing architecture* (M.I.T., Chapman and Hall).

Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).

Graves, M., *Colour fundamentals* (McGraw-Hill).

Jacobson, E., *Basic colour—an interpretation of the Ostwald system* (Theobald).

Graves, M., *Art and colour of design* (McGraw-Hill).

Damaz, P., *Art in European architecture* (Reinhold).

Time Saver Standards (Dodge).

Ramsey, C. G., and Sleeper, H. R., *Architectural graphic standards* (Wiley).

816. 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).

Sierp, A., *Applied perspective* (Angus and Robertson).

817. 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.

821. Building Construction II.

Paths and pavings. Upper floor construction and fireplaces. Timber frame construction. Framed timber roof construction. Roofing. Internal wall and ceiling finishes. Staircase construction. Drainage and plumbing. Water services and sanitary fittings. Domestic hot water supply and heating systems. Gas and electricity services. Windows and doors. Joinery, cupboards, etc., and hardware.

Text-books:

McKay, W. B., *Building construction*, Vol. 2 (Longmans).

Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

Reference book:

Mitchell, G. A., and Mitchell, A. M., *Elementary building construction*, 23rd edition, edited by R. Moxley (Batsford).

822. 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.

Principles of statics. Statically determinate plane frames. Elasticity, stress and strain. Shear force and bending moment diagrams. Theory of bending. Simple cases of beam deflection.

823. Building Science II.

Provision of satisfactory environment; human physiology and comfort conditions relating to radiation, temperature, humidity, light, sound and ventilation. Climatology of Australia. Solar radiation and building shape. Thermal inertia of building materials; thermal effects of colour of materials; insulation; condensation and vapour barriers. Air movement through, and natural airflow patterns around buildings. Heating, hot-water supply and ventilation (domestic). Properties of sound; acoustical properties of materials; noise and the design of rooms. Light measurement. Electricity supply and wiring. Structural properties and applications of materials; adhesives and adhesion; sheet materials generally. Metals; corrosion; hardness of water and softening systems.

Text-books:

- Harris, N. C., *Modern air conditioning practice* (McGraw-Hill).
 Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber Paperback).
 Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).
 Australia. Commonwealth Experimental Building Station, Bulletin No. 6, *Designing houses for Australian climates* (C.E.B.S.).
 Australia. Commonwealth Experimental Building Station, *Notes on the science of building* (C.E.B.S.), as prescribed by the lecturer.

824. History of Architecture II.

Renaissance architecture in Italy, France and England. The Regency, 19th and 20th centuries architecture. 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).
 Pevsner, N., *An outline of European architecture* (Penguin).
 Joedicke, J., *History of modern architecture* (Architectural Press).

Reference books:

- Wittkower, R., *Architectural principles in the age of humanism* (Tiranti).
 Giedion, S., *Space, time and architecture* (Harvard University Press).
 The Pelican *History of art series*.
 Simpson, F. M., *History of architectural development*, Vols. IV, V (Longmans).
 Gardner, H., *Art through the ages* (Bell).
 Pevsner, N., *Pioneers of modern design* (Pelican).

825. 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).
 Pierce, S. R., *Planning* (Iliffe).

Reference books:

- Borissavlievitch, M., *The golden number* (Tiranti).
 B.S. 1708—*Modular co-ordination* (British Standards Institution).
 Ehrenkrantz, E., *Modular number pattern* (Tiranti).
 Le Corbusier, *Modular 1 and Modular 2* (Faber).
 Le Corbusier, *New world of space* (Reynal and Hitchcock).
 Nelson, G., *Problems of design* (Whitney).
 Scholfield, P. H., *Theory of proportion in architecture* (Cambridge).
 Le Corbusier, *Towards a new architecture* (Architectural Press).
 Zevi, B., *Architecture as space* (Horizon).
 Sleeper, H., *Building, planning and design standards* (Wiley).
 Viollet le Duc, E. E., *Discourses on architecture* (Tiranti).
 Guadet, I., *Éléments et théorie de l'architecture* (Librairie de la Construction Moderne).
 Le Corbusier, *Entretien avec les étudiants des écoles d'architecture* (Editions de Minuit).
 Fry, E. M., *Fine building* (Faber).
 Lurçat, A., *Formes—composition et lois d'harmonie* (Vincent, Fréal).
 Greenough, H., *Form and function* (University of California Press).
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).
 Jellicoe, G. A., *Studies in landscape design* (O.U.P.).
Time Saver Standards (Dodge).
 Ramsey, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).
 Kepes, G., *The language of vision* (Theobald).
 Raskin, E., *Architecturally speaking* (Reinhold).
 Smith, G. E. Kidder-, *The new architecture of Europe* (Meridian, or Penguin).

826. 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; tacheometry; 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:

- Huggins, F. R., *Building surveys* (Batsford).
 Curtin, W., and Lane, R. F., *Concise practical surveying* (E.U.P.).

Reference book:

- Bannister, A., and Raymond S., *Surveying* (Pitman).

827. Studio Work II.

The practical application of theoretical work in architectural design; building construction; building science; history of architecture.

THIRD YEAR.

831. Building Construction III.

Retaining walls, boundary walls and fences. Steel and reinforced concrete frame construction. Concrete slab floors and roofs. Foundations. Joinery, fittings, etc. Special doors and windows. Brickwork and panel walling. Shoring: timbering to trenches. Designed foundations and damp proofing of basements. Ductwork. Fire services, requirements, etc. Staircases, fire-resisting and special. 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).
 Field, J. Eastwick, and Stillman, J., *The design and practice of joinery* (Architectural Press).
 Great Britain: Building Research Board, *Principles of modern building*, Vol. 2 (H.M.S.O.).

Reference books:

- Mitchell, G. A., and Mitchell, A. M., *Advanced building construction*, volume 1. *Component services and finishes*; revised by D. Neild; volume 2. *The structure*; revised by J. S. Foster (Batsford).

832. 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.

Reference book:

- Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill).

833. Building Science III.

Artificial environment; heating and air-conditioning (public and commercial buildings); artificial illumination; noise control. Acoustical design of auditoria and studios. Sun control problems associated with large buildings. Daylight control in group planning. Fire in buildings; fire resistance of materials. Functional analysis of architectural planning. Materials; concreting cements, special cements and additives; dense concrete surface finishes. Ceramics. Floor finishes. Biological attack on building materials; preventive methods.

Text-book:

- Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber Paperback).

- Harris, N. C., *Modern air-conditioning practice* (McGraw-Hill).

834. Professional Practice I.

Specification; structure and organisation of building industry; central and local government; general law of contract; pricing of tenders; preparation of quantities. Business management and administration; book-keeping and accountancy.

Text-books:

- Aqua Group, *Pre-contract practice* (Lockwood).

- Australian standard method of measurement of building works* (Institute of Quantity Surveyors (Aust.)).

Reference books:

- Yorke, F. R. S., *Specification* (Architectural Press).

- Willis, A. J., *Specification writing for Architects and surveyors* (Lockwood).

- Willis, A. J., *The elements of quantity surveying* (Lockwood).

- R.A.I.A., *Year book*, current edition.

- Hudson, A. A., *Building and engineering contracts*, 8th edition, edited by E. J. Rimmer and I. N. D. Wallace (Sweet and Maxwell).

- Smith, D. Walker-, and Close, H. A., *The standard form of building contract* (C. Knight).

- Institute of Builders: Board of Building Education, *Management studies for the building industry* (The Institute).

- Gabrielsen, E., *Arbeidsstudienes an vendelsei buggningsindustnen* (Work studies in the building industry).

- Royal Institute of British Architects, *Handbook of architectural practice and management* (R.I.B.A.).

835. 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. Ergonomics. Visual perception and psychological aspects of environment. Anthropometry; furniture and interior design.

Text-books:

- Robertson, H., *Modern architectural design* (Architectural Press).

- Robertson, H., *Principles of architectural composition* (Architectural Press).

Reference books:

- Handbuch moderner architektur* (Safari-Verlag).
 Richards, J. M., *An introduction to modern architecture* (Pelican).
 Neutra, R. J., *Life and human habitat* (Koch).
 Blake, P., *The master builders* (Gollancz).
 Giedion, S., *Mechanization takes command* (O.U.P.).
 Pevsner, N., *Pioneers of modern design from William Morris to Walter Gropius* (Pelican).
 Neutra, R., *Survival through design* (O.U.P.).
 Scott, G., *Architecture of humanism* (Constable).
 Giedion, S., *Architecture, you and me* (Harvard University Press).
 Sleeper, H., *Building, planning and design standards* (Wiley).
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).
 Richards, J. M., *The functional tradition in architecture* (Architectural Press).
 Wright, F. L., *The future of architecture* (Architectural Press).
 Joedicke, J., *History of modern architecture* (Architectural Press).
Time Saver Standards (Dodge).
 Ramsey, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).
 Gibberd, F., *Town design* (Architectural Press).
 Vernon, M. D., *The psychology of perception* (Pelican).
 Simonds, J. O., *Landscape architecture* (Dodge).
 Rasmussen, S. E., *Experiencing architecture* (Wiley).
 Birren, F., *Colour, forms and space* (Reinhold).
 Kultermann, U., *Architecture of today* (Zwemmer).
 Ponti, G., *In praise of architecture* (Dodge).
 Grillo, P. J., *What is design* (Tiranti).

837. Studio Work III.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

FOURTH YEAR.

841. Building Construction IV.

Load bearing walls, cross wall construction. Roofs and roof lights. Prestressed concrete. Special structures: factories, large span roofs, etc.

Text-book:

McKay, W. B., *Building construction*, Vol. 4 (Longmans).

Reference books:

- Mitchell, G. A. and Mitchell, A. M., *Advanced building construction*, Vol. 1. *Components, services and finishes*, revised by D. Nield, Vol. 2. *The structure*, revised by J. S. Foster (Batsford).

842. Structures III.

Analysis of indeterminate framed structures. 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*.

843. Building Science IV.

Lightweight aggregates and concrete; pre-cast and pre-stressed concrete products. Behaviour of materials and structural elements in fires; protective measures. Plastics and building applications; structural sandwich panels. Protection and decoration of materials and surface finishes. Illumination; design of the visual field; glare. Acoustics; speech reinforcement and loud speaker installations. Mechanical engineering services in large buildings; air-conditioning, lifts and escalators. Introduction to climatic aspects of group planning.

844. Professional Practice II.

Building economics. 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.)).
Browning, C. D., *Building economics and cost planning* (Batsford).

Reference books:

Royal Institution of Chartered Surveyors, *Planning the cost:—The economic control of building development*.
Hudson, A. A., *Building and engineering contracts*, 8th edition edited by E. J. Rimmer and J. N. D. Walker.
Smith, D. Walker, and Close, H. A., *The standard form of building contract* (C. Knight).

845. Architectural Design and Planning IV.

Contemporary developments. The relationship of structure and design. Specialised design problems.

Reference books:

Sleeper, H., *Building, planning and design standards* (Wiley).
Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).
Time Saver Standards (Dodge).
Ramsey, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).
Michaels, L., *Contemporary structure in architecture* (Reinhold).
Torroja, E., *Philosophy of structures* (University of California Press).
Cassie and Napper, *Structure in building* (Architectural Press).
Siegel, C., *Strukturformen der modernen architektur* (Callwey).
Angerer, F., *Surface structures in building* (Tiranti).
Wachsmann, K., *The turning point in building* (Reinhold).
Nervi, P. L., *Structures* (Dodge).
Lisborg, N., *Principles of structural design* (Batsford).
Salvadori, M., *Structure in Architecture* (Prentice-Hall).
Rosenthal, W., *Structural decisions* (Chapman Hall).

846. Town and Regional Planning and Civic Design I.

The architect and town planning; the history of town planning from ancient times; problems in town planning deriving from the industrial revolution; the garden city movement; the Radburn principle; the neighbourhood unit; satellites and new towns; regionalism; the central core and urban renewal; town planning as an art form; civic art and urban design; town planning in Australia.

Text-books:

Mumford, L., *The city in history* (Secker and Warburg).

Reference books:

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).
Giedion, S., *Space, time and architecture* (Harvard U.P.).
Gibberd, F., *Town design* (Architectural Press).
Sulman, J., *Town planning in Australia* (N.S.W. Government Printer).
Zucker, P., *Town and square* (Columbia University Press).
Hiorns, F., *Town building in history* (Harrap).

847. Studio Work IV.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

859. Honours.

In the fourth year, Honours students undertake additional seminar courses. For syllabus, see under the fifth year.

FIFTH YEAR.

851. Building Construction V.

Builders' plant. Road construction. Concrete work and finishes. Glass-concrete and patent glazing. Lifts and escalators. Curtain walling. Factory production and prefabrication.

852. Structures IV.

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

Text-book:

Speedie, M. J., and O'Donnell, I. J., *Foundation practice* (Tait).

853. Building Science V.

Quality control and materials. Sound measurements and acoustics tests on building elements and auditoria; noise surveys. Climatic aspects of group planning; solar radiation; sunlight and orientation; daylighting; air movement and atmospheric pollution. Illumination; permanent supplementary artificial lighting for interiors; street lighting. Single-stack drainage. Solar heating and cooling. Bearing properties and classification of soils. Soil stabilisation. Critical path methods of planning. Specialised problems and scientific research for architecture and town planning.

854. Professional Practice III.

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, A. S., *The practising architect* (M.U.P.).

Reference books:

Roberts, J. R. H., *The law of town and country planning* (C. Knight).

Body, R., *The architect and the law* (Inst. of Regd. Archts.).

Willis, A. J. and George, W. N. B., *The architect in practice* (Crosby Lockwood).

Turner, H. H., *Architectural practice and procedure* (Batsford).

Rimmer, E. J., *The law relating to the architect* (Stevens).

R.A.I.A., *Year book*, Current edition.

855. Architecture Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

856. 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.

Text-book:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (Melbourne U.P.).

Reference books:

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).

Chapin, F. S., Jr., *Urban land use planning* (Harper).

Winston, D., *Sydney's great experiment* (Angus and Robertson).

Gifford, K. H., *The Victorian town planning handbook* (Law Book Co. of Aust.).

A.P.R.R. (Ed.), *The town and country planning text-book* (Architectural Press).

- Rasmussen, S. E., *Towns and buildings* (Liverpool University Press).
 Unwin, R., *Town planning in practice* (Fisher Unwin).
 Freeman, T. W., *The conurbations of Great Britain* (Manchester U.P.).
 Mumford, L., *The culture of cities* (Secker and Warburg).
 Grigsby, R., *Residential renewal in the urban core* (University of Pennsylvania).
 Sharp, T., *Town planning* (Pelican).
 Sulman, J., *An introduction to the study of town planning in Australia* (Govt. Printer, N.S.W.).
 South Australia: Town Planning Committee, *Report on the metropolitan area of Adelaide* (Govt. Printer, S.A.).

857. Studio Work V.

Advanced projects in architectural design and applications relating to building science, architectural construction, and structures.

859. Honours.

For honours students additional seminar courses dealing with the following subjects will be provided in the fourth and fifth years: (a) Specialised architectural design and planning; (b) architecture and environment; (c) the development of the modern movement; (d) factory production and prefabrication; (e) civic design and regional planning; (f) architecture and structure.

(a) Reference books:

- Yorke, F. R. S., *The modern house* (Architectural Press).
 McGrath, R., *Twentieth century houses* (Faber).
 Segal, W., *Home and environment* (Hill).
 Yorke and Gibberd, *The modern flat* (Architectural Press).
 Abel, J. H., and Severund, F. N., *Apartment houses* (Reinhold).
 Beiers, G., *Houses of Australia* (Ure Smith).
 Koch, A., *Einfamilienhäuser* (Schwab).
 Stratemann, S., *Das grosse Buch vom eigenen Haus* (Callwey).
 London County Council, *Housing type plans*.
 Great Britain: Ministry of Housing and Local Government, *Flats and houses, 1958* (H.M.S.O.).
 Boyd, R., *Australia's home* (Melbourne U.P.).
 Paulhaus, P., *Wohnhochhäuser*.
 Vines, H. W. C., *Background to hospital planning* (Faber).
 Aldis, G., *Hospital planning requirements* (Pitman).
 Rosenfield, I., *Hospitals—integrated design* (Reinhold).
 Nuffield Provincial Hospitals Trust, *Studies in the function and design of hospitals* (Oxford).
 Godfrey, J., and Cleary, C., *School design and construction* (Architectural Press).
 Martin, B., *School buildings* (Lockwood).
 Roth, A., *The new school* (Girsberger).
 Bursch, C. W., and Reid, J. L., *High schools today and tomorrow* (Reinhold).
 Perkins, L. B., and Cocking, W. D., *Schools* (Reinhold).
 Morrell, D. H. and Pott, A. P., *Britain's new schools* (Longmans).
 Architectural Record (Periodical), *Buildings for industry* (Dodge).
 Henn, W., *Bauten der industrie* (Callwey).
 Mills, E., *The modern factory* (Architectural Press).
 Rosenauer, M., *Modern office buildings* (Batsford).
 Joedicke, J., *Bürobauten* (Hatje).
 Koch, A., *Hotelbauten* (Koch).
 Gruen, V., and Smith, L., *Shopping centres, U.S.A.* (Reinhold).
 Westwood, B., and Westwood, N., *The modern shop* (Architectural Press).
 Somake and Hellberg, *Shops and stores today* (Batsford).
 Gutmann, R., and Koch, A., *Shop design* (Koch).
 Gatz, K., and Hierl, F., *Neue Läden* (Callwey).
 Meyer and Cole, *Theatres and auditoria* (Reinhold).
 Mills, E., *The modern church* (Architectural Press).

(b) Text-books:

- Fry, E. Maxwell, and Drew, J., *Tropical architecture in the humid zone* (Batsford).
 Oakley, D., *Tropical houses* (Batsford).
 Conklin, G., *The weather conditioned house* (Reinhold).
 Aronin, J. E., *Climate and architecture* (Reinhold).
 Olgyay and Olgyay, *Solar control and shading devices* (Princeton U.P.).
 Olgyay, V., *Design with climate* (Princeton U.P.).
 Groundwater, I., *Solar radiation and air conditioning* (Lockwood).
 Billington, N. S., *Thermal properties of buildings* (Clever Hume).
 Drysdale, J. W., *Designing houses for Australian climates* (Australian C.E.B.S., Bulletin No. 6).
 Holmes, B. M., *Weathering in the tropics* (Australian C.S.I.R.O. Division of Building Research, Melbourne).
 Keough, J. J., *Selected Australian climatic data* (Tech. Study 36, Australian C.E.B.S., Sydney).
Climate and meteorology of Australia (Bulletin No. 1, Australian Bureau of Meteorology, Govt. Printer, Canberra).
 Geiger, R., *The climate near the ground* (Harvard U.P.).

Reference books:

- U.S.A.: Housing and Home Finance Agency, *Application of climatic data to house design* (U.S. Govt. Printing Office).
 Mills, C. A., *Climate makes a man* (Gollancz).
 Brooks, C. E. P., *Climate in everyday life* (Benn).
 Markham, S. H., *Climate and the energy of nations* (O.U.P.).
 Architectural Forum, November, 1948: *Measure OR*
 Fitch, J., *American building*.
 Koeppel, C. E., and de Long, *Weather and climate* (McGraw-Hill).
 Finch, V. C., and others, *Elements of geography, physical and cultural* (McGraw-Hill).
 Bedford, T., *Basic principles of heating and ventilating* (Lewis).
 Bedford, T., *Environmental warmth and its measurement* (Medical Research Council, War Memo. No. 17, H.M.S.O.).
 U.N.E.S.C.O., *Arid Zone Research Series* (U.N.E.S.C.O.).
 Parts VII *Wind and solar energy symposium*,
 X *Climatology*,
 XI *Climatology and microclimatology*.
 Lee, D. H. K., *Physiological objectives in hot weather housing* (Govt. Printing Office, Washington).
 Macpherson, R. K., *Environmental problems in tropical Australia* (Govt. Printer, Canberra).
 Building Research Institute, *Windows and glass* (Building Research Institute, Washington).
 Various other British and Australian Building Research Station publications as prescribed by the lecturer.

(c) Text-book:

- Joedicke, J., *History of modern architecture* (Architectural Press).

Reference books:

- Giedion, S., *Space, time and architecture* (Harvard U.P.).
 Banham, R., *Theory and design in the first machine age* (Architectural Press).
 Banham, R., *Guide to modern architecture* (Architectural Press).
 Pevsner, N., *Pioneers of modern design from William Morris to Walter Gropius* (Pelican).
 Blake, P., *The master builders* (Gollancz).
Masters of world architecture series (Braziller).
Masters of contemporary architecture series (Braziller).
 Hitchcock, H. R., *Architecture of the 19th and 20th centuries* (Pelican).
 Fitch, J. M., *Architecture and the aesthetics of plenty* (Columbia U.P.).

(d) Text-books:

- B.S. 1708—*Modular co-ordination* (British Standards Institution).
 B.S. 2900—*Modular co-ordination in building*, Part I, Glossary (British Standards Institution).
 Harrison, D., *Dex, Standards in building and modular co-ordination* (Spon).
 Madge, H., *Tomorrow's houses* (Pilot Press).
 Great Britain: Works, Ministry of, *Post-war building studies—House construction* No. 1, 23, 25 (H.M.S.O.).
 Cherner, N., *Fabricating houses from component parts* (Reinhold).
 O.E.E.C., European productivity agency, *Modular co-ordination in building* ([From H.M.S.O.] 1956).

SUBJECTS FOR THE DEGREE OF MASTER OF TOWN PLANNING

800. Theory and Practice of Town Planning I.

Introduction.—Nature and purpose of planning, planning at various levels, structure of towns, town and country, principles underlying the preparation of town and regional plans.

Theory of land use, movement, and their relationship.

Basic planning surveys: Land use, land values, land suitability, condition of buildings and environment, visual features, transportation.

Growth factors: urban and regional economy, population.

Elements of town plans—residential areas, land subdivision and development, layout of detached and mixed housing areas, neighbourhoods and living areas, residential density, residential zoning, analysis of future housing requirements.

Text-books:

- Brown, A. T., and Sherrard, M. M., *Town and country planning* (Melb. U.P.).
 Gibberd, F., *Town design* (Architectural Press).
 Chapin, F. S., *Urban land use planning* (Harper).

Reference books:

- Geddes, P., *Cities in evolution* (Williams and Norgate).
 Mumford, L., *The culture of cities* (Secker and Warburg).
 Mumford, L., *The city in history* (Harcourt Brace).
 Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).
 Urban Land Institute, community builders council, *Community Builders' handbook* (Urban Land Institute).
 Lynch, K., *The image of the city* (Technology Press, Harvard Press).
 Boyd, R. P., *The Australian ugliness* (Cheshire).
 Robinson, E., and Keeble, L. B., *The development of building estates* (Estates Gazette).
 Sharp, T., and others, *Design in town and village* (Ministry of Housing and Local Govt., H.M.S.O.).
 Great Britain: Transport, Ministry of, War Transport Departmental Committee, *Design and layout of roads in built-up areas* (Ministry of Transport, H.M.S.O.).
 Regional Plan Association, *The race for open space* (Regional Plan Association Inc., New York).
 Gooch, R. B., *The selection and layout of land for playing fields and playgrounds*, Reports of the New Towns Committee (National Playing Field Assoc., London, H.M.S.O.).
 Stein, C., *Towards new towns for America* (Reinhold).
 Urban Land Institute, *New approaches to residential land development* (Urban Land Institute).
 Simonds, J. O., *Landscape architecture* (Iliffe Books Ltd, London).
 Gruen V. D., and Smith, L., *Shopping towns, U.S.A.* (Reinhold).
 Logie, G., *Industry in towns* (London).

- Forth, M. L. and McKeever, J. R., *Planned industrial districts* (Urban Land Institute).
- Baker, G., and Funaro, B., *Parking* (Reinhold).
- National Committee on Urban Transportation, *Better transportation for your city* (Public Administration Service, U.S.A.).
- Jones, J. H., *The geometric design of modern highways* (Spon).
- Mayer, H. M., and Kohn, C. F., *Readings in urban geography* (Uni. of Chicago Press).
- Isard, W., *Methods of regional analysis* (M.I.T. Press).
- New York (City), City Planning Commission, *Rezoning New York city* (The Commission).
- Winston, D., *Sydney's great experiment* (Angus and Robertson).
- Melbourne, Melbourne and Metropolitan Board of Works, Melbourne Metropolitan Planning Scheme, 1954, *Survey and analysis—Report* (Melbourne and Metropolitan Board of Works).
- Stephenson, G., and Hepburn, J. A., *Plan for the metropolitan region, Perth and Fremantle—Report* (Government Printing Office, Perth).
- S.A. Town Planning Committee, *Report on the metropolitan area of Adelaide* (Government Printer, Adelaide).
- Australia, National Capital Development Commission. Various reports (N.C.D.C., Canberra).

Note.—Students will be expected to keep abreast of current developments occurring during the course and the following periodicals are recommended for this purpose:

- Australian Planning Institute Journal.
- Journal of the American Institute of Planners.
- Journal of the Town Planning Institute.
- The Town Planning and Local Government Guide.
- Journal of the Town and Country Planning Association (U.K.).

801. Theory and Practice of Town Planning II.

Form and function: optimum size of cities, defence, dispersion, concentric, linear and radial growth, satellite towns, other forms of decentralisation.

Elements of town plans—industrial areas, planned industrial districts, industrial zoning, mineral workings and after use; wholesaling and storage areas; business centres, commercial zoning; public service facilities: transport terminals, utility undertakings; recreation: regional parks, foreshores, water sport facilities, sports grounds, parks and gardens, caravan parks, commercial recreation facilities; education, health and other institutions; transportation: future travel, traffic generation, parking, traffic distribution including home—work travel, travel assignment, freeways and other roads, interchanges and their effect on land use, public transport, systems of traffic and transport.

The town as a whole: design of new towns, planning of existing towns.
Text-books and Reference books as for 800.

802. Theory and Practice of Town Planning III.

The central business area: studies of land use, movement and design.
Redevelopment, rehabilitation and conservation: economic, social and technical aspects, design.

Programming: objects, methods and implementation.

Statutory planning practice: principles and methods of development, control, zoning and reservations, by-laws and ordinances; regional, metropolitan and local planning schemes: preparation, role of the consultant, presentation, exhibitions, the public enquiry.

Planning as a profession: professional conduct, fees, public relations, the Planning Institutes.

Text-books and Reference books as for 800.

803. History of Town Planning.

Origins. Ancient town planning. Mediaeval and early Renaissance. Baroque. Georgian and Regency. Industrial revolution. Garden city movement. The development of modern planning concepts, including the Radburn principle and the neighbourhood unit. Early planning in Australia.

Text-book:

Mumford, L., *The city in history* (Secker and Warburg).

Reference books:

Giedion, S., *Space, time and architecture* (Harvard U.P.).

Stewart, C., *Prospect of cities* (Longmans).

Rasmussen, S. E., *Towns and buildings* (Liverpool U.P.).

Hackett, B., *Man, society and environment* (Percival Marshall).

Gibberd, F., *Town design* (Architectural Press).

Sulman, J., *Town planning in Australia* (Government Printer, N.S.W.).

Zucker, P., *Town and square* (Columbia U.P.).

Hiorns, F., *Town building in history* (Harrap).

804. Environmental Design.

(i) *Architecture in relation to planning*: Design in relation to use. Design as a means of environmental control. Structure and materials as part determinants of form. The art of architecture. Concepts of unity, harmony, contrast. Mass and volume. Formality and informality. Architecture as a social phenomenon: building in relation to the town.

(ii) *Civic design*: Introduction: the town as an art form. The relationship of buildings to each other, to groups, to streets, and to the town. Appropriateness and good relations between buildings: some methods of control. The design of urban open spaces. Street furnishings: the equipment of the city. The preservation of historic monuments as part of the living town: the concept of permanence and change. Advertising as part of the urban scene.

(iii) *Landscape design*: The relationship between landscape pattern and architecture. Landscape in the urban scene. Layout of open spaces, parks, recreational areas, camps, cemeteries, etc. Planting in relation to utility and aesthetics: the materials of landscape design. Public and private open space in the countryside. Preservation of rural amenity by landscaping.

805. Elements of Statistics.

Statistical measurements: classification and tabulation of data; limits of accuracy. Types of distribution: averages and measurements of dispersion. Graphical methods: index numbers; sampling and the calculation of standard errors; linear correlation; elementary curve fitting and interpolation; analysis of time-series. Computation and statistical method programming. Application to town planning in respect of population, industry, transport, utilities, etc.

806. Social and Economic Aspects of Planning.

(i) *Economics*: Scope, method and fundamental concepts of economics. Economic development in Australia, and potential development as it affects planning. The economics of land use on national, regional and local level. Land tenure and its effect on planning. Land values and rents. Financial aspects of private and public developments.

(ii) *Sociology*: Principles of sociology. Elements of demography. Elements of social economics. Measurement and interpretation of economic and social phenomena. The idea of social planning. The social structure of the city.

807. Law in Relation to Planning.

Forms and functions of central, state and local governments. History of planning legislation. Development of planning legislation in Australia. Current Planning Acts. Other legislation affecting planning. Statutory planning procedure. Planning inquiries, appeals.

808. Physical Basis of Planning.

(i) *Geology*: The geological formation of Australia. Solid rocks and surface deposits. Relation of geology to surface relief and scenery. Relation of geology to fertility and agriculture. Weathering and erosion. Water supply, with reference to protection from contamination. Mineral deposits and mining. Construction and interpretation of geological maps.

(ii) *Geography*: Land distribution. Distribution and potential density of population. Location of industry and commerce. Distribution of mineral and power resources. Communications. Pattern of agricultural resources. Analysis of climatic factors.

809. Engineering Aspects of Planning.

(i) *Engineering*: Provision for transport by road, rail, water, air. Planning, designing and construction of roads. Road junctions, bridges, subways, laybys, etc. Public services: water, gas, electrical supply and distribution systems. Sewer and storm water disposal. Traffic capacity and regulation. Traffic census. Parking sites and garages. Street lighting.

(ii) *Surveying*: The use of survey instruments. Types of surveys. Levelling and contouring. Computation of areas. Principles of aerial survey and photogrammetry. The use and compilation of maps. The compilation and interpretation of the topographic plan.

Practical Project Work.

To illustrate and elaborate problems of survey, plan and physical development.

Thesis.

On a subject to be approved by the Faculty.

Reference books for the course for the degree of Master of Town Planning:

- Purdom, C. R., *The building of satellite towns* (Dent).
 Weber, M., *The city* (Free Press).
 Mumford, L., *City development* (Secker and Warburg).
 Saarinen, E., *The city — its growth, decay and future* (Reinhold).
 Tunnard, C., *The city of man* (Scribners).
 Le Corbusier, *Concerning town planning* (Architectural Press).
 Freeman, T. W., *The conurbations of Great Britain* (Manchester U.P.).
 Lichfield, N., *The economics of planned development* (Estates Gazette).
 "Fortune", *The exploding metropolis* (Doubleday).
 Howard, E., *Garden cities of tomorrow* (Faber).
 Housing, Building and Planning, No. 8, *Housing and town and country planning*.
 Rosenau, H., *The ideal city in its architectural evolution* (Routledge and Kegan Paul).
 Roberts, J. R. H., *The law of town and country planning* (Knight).
 Hilberseimer, L., *The nature of cities* (Theobald).
 Hilberseimer, L., *The new regional pattern* (Theobald).
 Tout, T. F., *Mediaeval town planning* (Manchester U.P.).
 Le Corbusier, *Les plans de Paris* (Les Editions de Minuit).
 Rauda, W., *Raumprobleme im Europaischen Stadtebau* (Callwey).
 Great Britain — Ministry of Housing and Local Government. *The review of development plans*, Circular No. 37/60 (H.M.S.O.).
 Stein, C., *Toward new towns for America* (Reinhold).
 Abercrombie, P., *Town and country planning* (Thornton Butterworth).
 Great Britain, Laws, Statutes, etc., *Town and country planning act 1947* (Spon).
 Mekié, R. C. and Williams, H. B., *Town and country planning law* (Spon).
 Association for Planning and Regional Reconstruction, *Town and country planning text-book* (Architectural Press).
 Rivet, A. L. F., *Town and country in Roman Britain* (Hutchinson).
 Miller, J. M., *Report of the international seminar on urban renewal — The Hague — 1958*, and *Proceedings* (International Federation for Housing and Planning).
 Rapkin, C., and Grigsby, W. G., *Residential renewal in the urban core* (Pennsylvania U.P.)

- Sharp, T., *Town planning* (Pelican).
- Sulman, J., *Town planning in Australia* (Government Printer, N.S.W.).
- Unwin, R., *Town planning in practice* (Fisher Unwin).
- Rasmussen, S. E., *Towns and buildings* (Liverpool U.P.).
- Hughes, T. H., and Lamborn, E. A. G., *Towns and town planning: ancient and modern* (Clarendon).
- British Road Federation, *Urban motorways*.
- Logie, G., *The urban scene* (Faber).
- Gifford, K. H., *The Victorian town planning handbook* (Law Book Co.).
- Jennings, I., *The Queen's government* (Pelican).
- Cole, G. D. H., *Practical economics* (Pelican).
- Stamp, L. D., *Applied geography* (Pelican).
- Freeman, T. W., *Geography and planning* (Hutchinson).
- Cole, G. D. H., *Britain's town and country pattern* (Faber).
- Cadbury brothers, *Our Birmingham* (Cadbury).
- Cadbury brothers, *Changing Britain* (Cadbury).
- Tubbs, R., *Living in cities* (Penguin).
- International Congresses for Modern Architecture, *The heart of the city*, ed. J. Tyrwhitt (Lund Humphries).
- Fawcett, C. B., *A residential unit for town and country planning* (London U.P.).
- Forshaw, J. H., and Abercrombie, L. P., *County of London plan 1943* (Macmillan).
- Abercrombie, L. P., *Greater London plan 1944* (H.M.S.O.).
- London County Council, *County of London development plan 1951 — statement and analysis* (L.C.C.).
- Architectural Review, June 1955, *Outrage*.
- Architectural Review, December 1956, *Counter attack* (Special Number).
- S.A. Harbors Board, *The greater Port Adelaide plan*.
- Great Britain: Fuel and Power, Ministry of, *Committee on national policy for the use of fuel and power resources* (H.M.S.O.).
- National Building Studies Special Report No. 7, *District heating in American housing* (H.M.S.O.).
- Huxley, Julian, *TVA-adventure in planning* (Architectural Press).
- Bullock, E. H., *Planning tomorrow's Britain* (Muller).
- Tyrwhitt, J., *Planning and the countryside* (Art and Education Publications).
- Barlow, Scott and Uthwatt Reports (H.M.S.O.).
- The approach to land use planning* (Political and Economic Planning).
- Watkins, E. S., *How will planning affect land ownership* (Architectural Press).
- Bjorklund, E. M., *Focus on Adelaide* (Chicago U.P.).
- Great Britain: Housing and Local Government, Ministry of, *Advisory handbook on the re-development of central areas* (H.M.S.O.).
- Great Britain: Housing and Local Government, Ministry of, *The design of residential areas* (H.M.S.O.).
- Planning research — A register of research for all those concerned with town and country planning* (Town Planning Institute).
- Batson, R. G., *Roads, their alignment, layout and construction* (Longmans).
- Goldsmith, H. E., *Practical road engineering* (Technical Press).
- Collins, H. J., and Hart, C. A., *Principles of road engineering* (Arnold).
- The design of bridges — five papers presented at the conference of the Institution of Structural Engineers 1958*.
- Parry, R., and Jenkins, W. R., *Elementary textbook on land surveying* (Estates Gazette).
- Ormsby, M. T. M., *Elementary principles of surveying* (Benn).
- Middleton, R. E., and Chadwick, O., *A treatise on surveying*, vol. II (Spon).
- East, G., *The geography behind history* (Nelson).
- Haverfield, F., *Ancient town planning* (Clarendon).
- Wycherley, R. E., *How the Greeks built cities* (Macmillan).
- Carcopino, J., *Daily life in ancient Rome* (Routledge).
- Quennell, M., and C. H. B., *Everyday life in Roman Britain* (Batsford).
- Orwin, C. S., and C. S., *Farms and fields* (O.U.P.).

- Boumphrey, G., *British roads* (Nelson).
- Sharp, T., *English panorama* (Architectural Press).
- Smailes, A. E., *The geography of towns* (Hutchinson).
- Summerson, J., *Georgian London* (Pleides Press).
- Hackett, B., *Man, society and environment* (Percival Marshall).
- Trevelyan, G. M., *English social history* (Longmans).
- Brogan, O., *Roman Gaul* (Bell).
- Sharp, T., *The anatomy of the village* (Pelican).
- Le Corbusier, *The city of tomorrow* (Architectural Press).
- Gutkind, E. A., *Revolution of environment* (Routledge and Kegan Paul).
- Gutkind, E. A., *Our world from the air* (Chatto and Windus).
- Barratt, C., *Your local authority* (Pitman).
- Hart, W. O., *Introduction to the law of local government and administration* (Butterworth).
- Jackson, W. E., *Local government in England and Wales* (Penguin).
- Maud, Sir J., *Local government in modern England* (O.U.P.).
- Fearnside, W. G., and Bulman, O. M. B., *Geology in the service of man* (Pelican).
- Great Britain Ministry of Town and Country Planning, *The control of mineral working* (H.M.S.O.).
- Platt, J., and Challinor, J., *Simple geological structures* (Murby).
- Stamp, L. D., and Beaver, S. H., *The British Isles: a geographic and economic survey* (Longmans Green).
- Stamp, L. D., *The earth's crust* (Harrap).
- Steers, J. A., *The sea coast* (Collins).
- Stewart, C., *A prospect of cities* (Longmans).
- Ginsberg, M., *Sociology* (Home University Library).
- Sprott, W. H. J., *Sociology* (Hutchinson's University Library).
- Mess, H. A., *Social groups in modern England* (Nelson).
- Cairncross, A. K., *Introduction to economics* (Butterworth).
- Hicks, J. R., *The social framework* (O.U.P.).
- Allen, R. G. D., *Statistics for economists* (Hutchinson's University Library).
- Connor, L. R., *Statistics in theory and practice* (Pitman).
- Bowen, I., *Population* (C.U.P.).
- Glass, R., *Social aspects of town planning* (Association for Planning and Regional Reconstruction).
- Great Britain: Distribution of the Industrial Population, Royal Commission on the, *Report* (H.M.S.O.).
- Great Britain: Distribution of the Industrial Population, Royal Commission on the, *Evidence* (H.M.S.O.).
- Great Britain: Land Utilisation in Rural Areas, Committee on, *Report* (H.M.S.O.).
- Gillie, F. B., and Hughes, P. L., *Some principles of land planning* (Liverpool U.P.).
- Collins, B. J., *Development plans explained* (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.).
- Great Britain: New Towns Committee, *Reports* (interim, second interim and final), (H.M.S.O.).
- Great Britain: Ministry of Transport, Memo No. 575—*Layout and construction of roads; design and layout of roads in built-up areas* (H.M.S.O.).
- Great Britain: Ministry of Education, *Community centres* (H.M.S.O.).
- Current Town Planning Acts, *Orders and regulations for the United Kingdom and Australian states*.
- Keeble, L., *Principles and practice of town and country planning*, 2nd edition (Estates Gazette, 1960).
- Cullen, G., *Townscape* (Architectural Press).
- Simonds, J. O., *Landscape architecture* (Dodge Corp.; Iliffe).
- Zucker, P., *Town and square* (Columbia U.P.).
- Richards, J., *Introduction to modern architecture* (Penguin).
- Bailey, Sir E. B., *Geological survey of Great Britain* (Thomas Murby).
- Hoskins, W. G., *The making of the English landscape* (Hodder and Stoughton).

- Stamp, L. D., *The face of Britain* (Longmans). (See *British life and thought*, No. 5.)
- Stamp, L. D., *The land of Britain: its use and misuse* (Longmans).
- Stamp, L. D., *Man and the land* (Collins).
- Cauter, T., and Downham, J. S., *The communication of ideas* (Chatto and Windus).
- Planning, No. 409, *Britain and commonwealth migration* (P.E.P.).
- Glass, D. V., *Social mobility in Britain* (Routledge)
- Great Britain: General Register Office:
 Census, 1951, *England and Wales. Report on usual residences and work-place* (H.M.S.O.).
 Census, 1951, *England and Wales. Report on greater London and five other conurbations* (H.M.S.O.).
 Studies on Medical and Population Subjects, No. 27, Newton, M. P., and Jeffrey, J. R., *Internal migration* (H.M.S.O.).
- Great Britain: Royal Commission on Population: *Report*, Cmd 7695 (H.M.S.O.).
- Morrison, H. S., *How London is governed* (James Barrie).
- Hall, M. P., *The social services of modern England* (Routledge).
- Great Britain: Home Office, *Manuals of Civil Defence*, Vol. I:
 Pamphlet No. 1, *Nuclear weapons*.
 Pamphlet No. 2, *Radioactive fall-out* (H.M.S.O.).
- National Council of Social Service, *Voluntary social services: handbook of information and directory of organisations* (N.C.S.S.).
- Alexander, W. P., *Education in England: the national system, how it works* (Newnes).
- Cotgrove, S. F., *Technical education and social change* (Allen and Unwin).
- Bracey, H. E., *English rural life* (Routledge).
- Crossley, E. L., *The United Kingdom dairy industry* (U.K. Dairy Assoc.).
- Planning, No. 407, *Agriculture and land use* (P.E.P.).
- Great Britain: Agriculture, Fisheries and Food, Ministry of, *Agricultural statistics, United Kingdom Annual reports* (H.M.S.O.).
- Great Britain: Information, Central Office of, *Farming Britain* (C.O.I.).
- Great Britain: Information, Central Office of, Reference division. *Rural industries in Britain* (Reference Paper R. 3334, C.O.I.).
- Edlin, H. L., *England's forests* (Faber).
- British Industries: oil* (Cassell).
- British Petroleum Company, *The oilfields of Britain* (The British Petroleum Co.).
- Sleeman, J. F., *British public utilities* (Pitman).
- Great Britain: Power, Ministry of, *The nuclear power programme* Cmd 1083 (H.M.S.O.).
- Great Britain: Information, Central Office of, Reference Division, *Nuclear energy in Britain*, C.O.I. Reference Pamphlet RF. P. 4192 (H.M.S.O.).
- Great Britain: Water Pollution Research Board, *(Annual) reports: Water pollution research* (H.M.S.O.).
- Great Britain: Central Advisory Water Committee, *Report of sub-committee on information on water resources* (H.M.S.O.).
- Great Britain: Central Advisory Water Committee, *Sub-committee on growing demand for water, first and second reports* (H.M.S.O.).
- Great Britain: Information, Central Office of, Reference Division, *Post-war industrial progress in the United Kingdom*, Reference Paper R. 3908 (C.O.I.).
- Ports of the world*, ed. D. Maxwell (Shipping World).
- Planning No. 437, *The British shipping industry* (P.E.P.).
- Port of London Authority, *Annual reports* (P.L.A.).
- Great Britain: Information, Central Office of, Reference Division, *Commercial ports of the United Kingdom*, Reference Paper R. 4539 (C.O.I.).
- Sargent, J. R., *British transport policy* (O.U.P.).
- Great Britain: British Transport Commission, *Proposals for the railways*, Cmd 9880 (H.M.S.O.).
- Great Britain, Parliament. House of Commons, *Report from the select committee on nationalised industries: British railways* (H.M.S.O.).
- Buchanan, C. D., *Mixed blessing: the motor in Britain* (Hill).
- Great Britain: Transport, Ministry of, *Annual reports: Roads in England and Wales, and Road research* (H.M.S.O.).

- Great Britain: Transport, Ministry of, London and Home Counties Traffic Advisory Committee, *Annual report, London traffic* (H.M.S.O.).
- Great Britain: Transport, Ministry of, *Report of the committee of inquiry into London transport* (H.M.S.O.).
- Great Britain: Transport, Ministry of, *Inland waterways, government proposals following the report of the Committee of inquiry*, Cmd 676 (H.M.S.O.).
- Great Britain: Transport, Ministry of, *Report of the committee of inquiry into inland waterways* (Bowes Report), Cmd 486 (H.M.S.O.).
- Harvey, D. G. T., *British civil aviation* (Adlard Coles/Harrap).
- Great Britain: Transport, Ministry of, London Airport Development Committee: *Report* (H.M.S.O.).
- Hobson, Sir O., *How the city works* (News Chronicle).
- Clarke, W. M., *The city's invisible earnings* (Institute of Economic Affairs).
- British Broadcasting Corporation, *B.B.C. handbook*, (B.B.C.).
- British Broadcasting Corporation, *The B.B.C. television service. A technical description* (B.B.C.).
- Planning, No. 420, *Television in Britain* (P.E.P.).
- Great Britain: Post Office: Broadcasting; *Memorandum on television policy*, Cmd 9005 (H.M.S.O.).

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

SUBJECTS FOR THE DEGREES OF BACHELOR OF TECHNOLOGY AND BACHELOR OF APPLIED SCIENCE

860. Bookkeeping and Accounts.

The course consists of two hours of lectures a week throughout the year.

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.

Reference books:

Irish, R. A., *Auditing* (Law Book Co.).

Heckert, J. B. and Willson, J. D., *Business budgeting and control* (Ronald).

Fitzgerald, Sir Alexander, *Analysis and interpretation of financial and operating statements* (Butterworth).

Dicky, R. L., *Accountants cost handbook* (Ronald).

Crowningshield, G., *Cost accounting* (Houghton Mifflin).

Basic accounting for builders (New Zealand Master Builders' Federation).

Goldberg and Hill, *The elements of accounting*.

861. Geology 1A.

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-books:

Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*, 2nd edition (Freeman, 1959); or
Holmes, A., *Principles of physical geology* (Nelson).

Reference books:

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by Hurlbut, C. S. (Wiley, 1959).
Tyrrell, G. W., *Principles of petrology* (Methuen).

862. Land Valuation Principles and Practice.

The course consists of one hour of lecture a week throughout the year.

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.

863. Organic Chemistry IIA.

A course similar to Organic Chemistry II (243), amounting to two lectures and not less than six hours' practical work a week, given to students in the Faculty of Technology.

864. Principles of Business and Industry.

The course consists of two one hour lectures a week throughout the year.

An introduction to the nature of economics; the main concepts of economic behaviour and development; the nature of the Australian economy; the components of national income; the objectives and problems of current economic policy; the factors of production; the sectors within the economy.

The forms of business organization: sole trader, partnership, companies, government; the nature of limited liability; the various methods of financing business enterprise including

- (i) capital—ordinary and preference shares,
- (ii) borrowing—debentures, unsecured notes, mortgages, hire purchase, lease finance, bank overdraft, trade credit,
- (iii) internal finance—retained profits, and funds from depreciation and other provisions; the gearing ratio of a company, the functions of the Stock Exchange.

An introduction to the nature of accounting: recording and reporting business transactions; and understanding of the published financial reports of companies; the purpose of various accounting and business documents and their connection with the internal accounting reports; budgets and budgetary control; costing principles and costing procedures: an understanding of the limitations inherent in accounting reports.

An introduction to the law of contracts, principal and agent sale of goods. Consideration will also be given to the status, functions and legal responsibilities of company directors and officers.

Reference books:

- Nevine, E., *Textbook of economic analysis* (Macmillan).
 Karmel, P. H. and Brunt, M. E., *The structure of the Australian economy* (Cheshire).
 Harrison, J., Newman, R. L. and Horrocks, J., *Accounting—a direct approach* (Cheshire).
 Yorston, R. K. and others, *Costing procedures* (Law Book Co.).
 Paish, F. W., *Business finance* (Pitman).
 Hilton, K. D. (ed.), *Slater's mercantile law in Australia* (Pitman).

865. Supervision—Human Relations.

The course consists of one and a half hours of lecture-discussions a week throughout the year.

The role of the supervisor, analysis of business activities, characteristics of good organization, analysis of the supervisor's job, leadership—meaning objectives and essential qualities, development of leadership (methods of self-rating), problem solving and decision making, written expression, report writing, principles of controlling people—personnel problems, motivating employees, 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, supervising women, juniors and older people, creating and maintaining morale.

Text-book:

Bittel, L., *What every supervisor should know* (McGraw-Hill).

Reference books:

- Spiegel, W. R. and others, *Elements of supervision* (Wiley).
 Heycl, C., *The foreman's handbook* (McGraw-Hill).
 Maynard, H. B., *Effective foremanship* (McGraw-Hill).

866. Industrial Microbiology I.

Pre-requisite subjects: Biology (270), General Physics (221), and Chemistry IA (232).

The course consists of two hours of lectures and four hours of practical work a week throughout the year.

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 Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, 1954).

867. Industrial Microbiology II.

Pre-requisite subject: Industrial Microbiology I (866).

The course consists of two hours of lectures and six hours of practical work a week throughout the year.

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 investigation of typical fermentation and other microbiological processes used in industry. Excursions to various factories.

Text-books:

Prescott, S. C., and Dunn, C. C., *Industrial microbiology*, 2nd edition (McGraw-Hill).

Stainer, R. Y., Dandoroff, M., and Adelbers, E. A., *General microbiology* (Macmillan, 1958).

Reference book:

Underkofler, L. A. and Hickey, R. J., *Industrial fermentations* (Chemical Publishing Co.).

868. Unit Operations.

Pre-requisite subjects: Applied Physical Chemistry (988) and Process Technology I (975).

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 Banchemo, 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).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

870. Building Science I (T).

The course consists of one hour of lecture and one hour of practical work a week.

Properties and uses of Materials: Building stones and reconstructed stone, limes, cements and plasters; pozzolans; aggregates; 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.

Reference books:

- Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (English Universities Press).
 Gay, C. M., and Parker, H., *Materials and method of architectural construction* (Wiley).
 Handisyde, C., *Building materials* (Architectural Press).

871. Building Science II (T).

Pre-requisite or concurrent subject: Building Science I (T) (870).

The course consists of two hours of lecture a week for the first two terms and one hour of lecture a week for the third term, and one hour of practical work a week throughout the year.

Part A. Environmental Physics.

Climate: general, Australian, local, variability.

Physiology: comfort, tolerances.

Heat: heat transfer, solar effects, insulation, shading.

Light: daylight, sunlight, artificial light, colours.

Sound: generation, reception, absorption, transmission.

Design: application of heat light and sound in element and building design.

Fire: generation, transfer, protection, risks and ratings.

Text-books:

Drysdale, J. W., *Designing houses for Australian climates* (C.E.B.S.).

Phillips, R. O., *Sunshine and shade in Australia* (C.E.B.S.).

Reference books:

Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (English Universities Press).

Gay, C. M., and Parker, H., *Materials and method of architectural construction* (Wiley).

Handisyde, C., *Building materials* (Architectural Press).

Principles of modern building, Vols I and II (H.M.S.O.).

Guide to current practice (Institute of Heating and Ventilating Engineers).

Table of temperature, etc., Pt. VI Australasia (H.M.S.O.).

Taylor, G., *Australia* (Methuen).

Ingerslev, F., *Acoustics in modern building practice* (Architectural Press).

Part 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*.

872. Building Science III (T).

Pre-requisite or concurrent subject: Building Science II (T) (871).

The course consists of two hours of lectures a week throughout the year.

Part A. Building Plant A.

The types, properties, uses and maintenance of plant. Planks, ropes—fibre and steel, slings and hooks, scaffolding, ladders. Offices and sheds, Hoists, cranes and derrick poles. Portable and hand tools, woodworking machines. Pile driving equipment. Dewatering equipment, pumps. Formwork—wood and steel. Cement silos, aggregate hoppers, concrete mixers, concrete handling equipment, vibrators, prestressing equipment. Motors and engines. Large earth moving equipment. Transport vehicles.

Note: Visits to various building sites will be made.

Reference books:

Rossnagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act*, 1912-1948 (N.S.W. Government Printing Office).

Part 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, W. K. and others, *Modern air-conditioning, heating and ventilation* (Pitman).

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)*.

873. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing, consisting of one hour lecture and two hours of practical work throughout the year. The lectures include an introduction to construction; the relationship of client, architect, and builder; the fundamental problems involved; stability, weather protection, climatic considerations, economy, etc. Some examples of construction which meet these requirements. A brief survey of historical examples.

A study of the basic building elements:—

(1) Walls; forces acting on buildings, types of foundations, footing design, strength of masonry walls, bond, thermal movement, moisture movement, exclusion of water from cavity walls, damp proofing, formation of openings, fireplace design, convector fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, triple (trussed) roofs, flat (timber) roofs and upper (timber) floors, trimming, eaves details, ceilings, roof coverings for low and high pitched roofs, roof plumbing, flashings, eaves, gutters.

(4) Joinery work; doors, types of doors, windows, functions, daylight, ventilation, view, sound insulation, etc., types of window.

Students are expected to study and draw out to scale examples of these building elements progressing from simple examples to the study of a complete building.

Text-books:

Mitchell, G. A., *Building construction elementary course*, Vol. I, new edition (Batsford).

C.E.B.S., *Notes on the science of building*.

A.S. No. CA 25—1955, *Architecture and building drawing practice* (S.A.A.).

Reference books:

McKay, W. B., *Building construction*, Vols. 1, 2 and 3 (Longmans Green).

Davies, R. L. and Petty, D. J., *Building elements* (Architectural Press).

Sharp, W. Watson, *Australian methods of building construction and drawing*. *Building Act 1923-1953* (S.A. Govt. Printer).

The soils and geology of Adelaide and suburbs, Bulletin No. 32. S.A. Dept. of Mines (Govt. Printer).

874. Building Construction and Drawing IA.

A descriptive course in elementary building construction and drawing, comprising one hour of lecture and two hours of practical work a week throughout the year. The lectures include an introduction to construction; the relationship of client, architect, and builder; the fundamental problems involved; stability, weather protection, climatic considerations, economy, etc. Some examples of construction which meet these requirements. A brief survey of historical examples.

A study of the basic building elements:—

(1) Walls; forces acting on buildings, types of foundations, footing design, strength of masonry walls, bond, thermal movement, moisture movement, exclusion of water from cavity walls, damp proofing, formation of openings, fireplace design, convactor fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, triples (trussed) roofs, flat (timber) roofs and upper (timber) floors, trimming, eaves details, ceilings, roof coverings for low and high pitched roofs, roof plumbing, flashings, eaves, gutters.

(4) Joinery work; doors, type of doors, windows, functions, daylight, ventilation, view, sound insulation, etc., types of window.

Students are expected to study and draw out to scale examples of these building elements progressing from simple examples to the study of a complete building.

Text-books:

Mitchell, G. A., *Building construction elementary course*, Vol. 1, new edition (Batsford).

C.E.B.S., *Notes on the science of building*.

A.S. No. CA 25—1955, *Architecture and building drawing practice* (S.A.A.).

Reference books:

McKay, W. B., *Building construction*, Vols. 1, 2 and 3 (Longmans Green).

Davies, R. L. and Petty, D. J., *Building elements* (Architectural Press).

Sharp, W., *Australian methods of building construction and drawing*.

Building Act 1923-1953 (S.A. Govt. Printer).

The soils and geology of Adelaide and suburbs, Bulletin No. 32. S.A. Dept. of Mines (Govt. Printer).

875. Building Construction and Drawing II.

The course consists of one hour of lecture and two hours of practical a week throughout the year.

Pre-requisite subject: Building Construction and Drawing I.

A continuation of the study of building construction and drawing and the basic building elements as set out in Building Construction and Drawing I.

(1) Siteworks; site investigations, ground movements, siting buildings, land drainage, ground water and the design of basements, retaining walls.

(2) Walls; basement walls, methods of waterproofing, stone walling, walls and framed structures (choice of structure) timber framed buildings, weather and vapour barriers, ant proofing, flashing, prefabricated design, concrete walling, no-fines concrete.

(3) Cladding of framed buildings; functional requirements, (moisture problems, isolation, insulation, sound insulation, fire resistance, weathering and appearance), types of cladding, heavy cladding, light cladding, jointing details, examples of satisfactory systems.

(4) Floors; *in situ* concrete floors, pre-cast concrete floors, hollow floor systems, pre-stressed concrete, fire resistance, sound insulation of floors, ceilings, types of suspended ceilings, staircase, metal concrete, pre-cast stairs.

(5) Roofs; triple (trussed) roof systems, timber nailed, convactor, glued and laminated, steel trusses, portal frames, flat roofs, build-up timber beams, open web steel trusses, concrete slab, factory roofs, north light steel trusses, monitor roofs, curved concrete domes, roof coverings, sheet metal bituminous felt and asphalt, C.S.I.R.O. recommendations, thermal expansion problems, roof plumbing, guttering, tapering gutters, box gutters, calculations for rainwater disposal.

(6) Joinery; moisture content, functional requirements of joinery components, fittings, joinery construction, shape of sections, junctions, design of large components, joints, principles of jointing, types of joint, selected details, plywoods, hardboards.

Students are expected to draw up examples of these basic elements and prepare study sheets on selected problems such as wall claddings and roof construction; a study is made of an example of multi-storey construction.

Text-book:

Mitchell, G. A. and Mitchell, A. M., *Advanced building construction*; 17th edition, Vol. 2. *The structures* by J. S. Foster (Batsford, 1963).

Reference books:

D.S.I.R., *Principles of modern building* Vols 1 and 2 (H.M.S.O.).

C.E.B.S., *Notes on the science of building*.

McKay, W. B., *Building construction* Vols. 1, 2, 3 and 4 (Longmans Green).

De Mare, E., *New ways of building* (Architectural Press).

Field, J. E., and Stillman, J., *The design and practice of joinery* (Architectural Press).

876. Building Construction and Drawing III.

Pre-requisite subject: Building Construction and Drawing II (875).

Concurrent subject: Building Administration II (878).

The course consists of one hour of lecture and five hours of practical work a week throughout the year.

(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.

Reference books:

D.S.I.R., *Principles of modern building* Vols. I and II (H.M.S.O.).

Road Research Laboratory, *Concrete roads* (H.M.S.O.).

Harris, A. J. and Morice, P. B., *Pre-stressed concrete* (Cement & Concrete Association).

Peck, R. B. and others, *Foundation engineering* (Wiley).

Wynn, A. E., *Design and construction of formwork* (Concrete Publications).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

877. Building Administration I.

The course consists of one hour of lecture a week for the first and third terms, and two hours a week for the second term.

Part 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.

Part 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; 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—founda-

tions, 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*.
 Gilbreth, F. B., *Time study and motion study*.

878. Building Administration II.

Pre-requisite subject: Building Construction and Drawing II (875).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Part 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 most of the exercises 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.

In addition to the above, there are exercises in building construction, not necessarily related to the Building Act, which are of a more advanced nature than those undertaken in the subject, Building Construction and Drawing II (1026).

Text-book:

- The South Australian Building Act and Regulations, 1923-1946.*

Reference books:

- As for Building Construction and Drawing I (873).

Part 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*.

879. Building Administration III.

The course consists of lectures and class work in the form of written exercises. The programming and scheduling of building projects. Critical path methods. Modified bar charts.

Integration of programme, progress and cost control, cost recording and estimating methods.

The computer in project planning and analysis.

Techniques of methods engineering.

880. Architectural Drawing I (T).

This course, which is of a practical nature, comprises six hours a week for the first term and three hours a week for the second and third terms.

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; 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; 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; axonometric and isometric projections; 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, L. A. and Reekie, R. F., *Descriptive geometry for architects and builders* (Arnold).

881. Free Drawing I (T).

The course consists of two hours of practical work throughout the year.

Lettering and layout of drawings. Outdoor sketching of buildings and their components.

Monochrome techniques.

Reference books:

Holme, G. (ed.), *Lettering of today* (Studio).

Cuptill, A. L., *Pencil drawing step-by-step* (2nd edition), (Reinhold 1959).

883. History of Building.

The course consists of lectures and class work in the form of essays and written exercises.

Building Techniques, methods of construction and materials used in the Ancient World, the Middle Ages, the Renaissance, the Baroque, the 19th and 20th Centuries.

Reference is made to the styles of Architecture current in the periods under consideration, but the emphasis throughout the lectures is on building construction rather than architectural design. The influence of structural developments on architecture. The influence of transportation and mechanisation.

Reference books:

Derry, T. K. and Williams, T. I., *A short history of technology* (Oxford).
Straub, H., *A history of civil engineering* (Leonard Hill).

885. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I (873) or IA (874).

The course consists of two hours of lectures a week throughout the year.

A course of lectures and instruction in 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:

Institute of Quantity Surveyors Australia, *Australian standard method of measurement of building works*.

886. Quantity Surveying II.

Pre-requisite subject: Quantity Surveying I (885).

Concurrent subject: Building Construction and Drawing II or IIA.

The course consists of two hours of lectures a week throughout the year.

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:

Institute of Quantity Surveyors Australia, *Australian standard method of measurement of building works*.

887. Quantity Surveying III.

Pre-requisite subjects: Quantity Surveying II (886) and Building Construction and Drawing II (875).

The course consists of three hours of lectures a week throughout the year.

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.

Costing analysis. Professional practice, including arbitration by quantity surveyors.

Reference book:

Institute of quantity Surveyors Australia, *Australian standard method of building works*.

888. Estimating and Costing.

The course comprises two hours of lectures a week throughout the year.

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 books:

- Rea, J. T., *How to estimate* (Batsford).
 Pulver, H. E., *Construction estimates and costs* (McGraw-Hill).
 Geddes, S., *Estimating for building and civil engineering works* (Newnes).
 Wynn, A. E., *Estimating and cost keeping for concrete structures* (Concrete Publications).

890. Design of Structures.

Pre-requisite subject: Strength of Materials (T) (960).

The course comprises one hour of lecture and three hours of practical work a week throughout the year.

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, L. G., and others, *Design of concrete structures* (McGraw-Hill).
 Gaylord E. H., and Gaylord, C. N., *Design of steel structures* (McGraw-Hill).
 Pearson, R. G., and others, *Timber engineering design handbook* (C.S.I.R.O. and M.U.P.).

891. Town Planning Practice I.

A course of one lecture a week and some practical exercises. The latter are done in the student's own time.

The lectures cover 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; and 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.).
 Gibberd, F., *Town design* (Architectural Press).
 Chaplin, F. S., *Urban land use planning* (Harper).

Reference books:

- Geddes, P., *Cities in evolution* (Williams and Norgate).
 Sharp, T., Gibberd, F., and Holford, W. G., *Design in town and village* (Ministry of Housing and Local Government) (H.M.S.O.).
 Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).
Community builders' handbook (Urban Land Institute).
 Mumford, L., *The culture of cities* (Seeber and Warburg).
 Lynch, K., *The image of the city* (The Technology Press, Harvard Press).
 Gruen V., and Smith L., *Shopping towns, U.S.A.* (Reinhold).
 Baker G., and others, *Parking* (Reinhold).
 National Committee on Urban Transportation, *Better transportation for your city* (Public Admin. Service, U.S.A.).
 Jones, J. H., *The geometric design of modern highways* (E and F. N. Spon, London).
 New York City, City Planning Commission, *Rezoning New York City* (C.P.C.; N.Y.).

Great Britain.

Transport, Ministry of,
Layout and construction of roads, Memo No. 575 (H.M.S.O.).
Design and layout of roads in built-up areas (H.M.S.O.).

Education, Ministry of,
Community centres (H.M.S.O.).

New Towns Committee,

Reports.

Gooch, R. B., *The selection and layout of land for playing fields and playgrounds* (National Playing Field Assoc., London, H.M.S.O.).

Mayer, H. M., and Kohn, C. F., *Readings in urban geography* (University of Chicago Press).

Winston, D., *Sydney's great experiment* (Angus and Robertson).

Melbourne and Metropolitan Board of Works, *Melbourne metropolitan planning scheme—survey analysis and report*, 2 vols.

Stephenson, G., and Hepburn, J. A., *Plan for the metropolitan region, Perth and Fremantle—Report* (W.A. Govt. Printing Office).

South Australia: Town Planning Committee, *Report on the metropolis of Adelaide* (S.A. Govt. Printer).

Various reports of the national capital development commission (N.C.D.C., Canberra).

892. Law in Relation to Planning.

The course consists of one hour of lecture a week throughout the year.

- (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.).

The Victorian planning handbook (Law Book Co.).

893. Applied Geology and Economic Geography.

The course consists of one hour of lecture a week throughout the year.

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, nature, 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 weathering 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:

- Cotton, C. A., *Geomorphology*, 1942.
 Longwell, C. R., and others, *Outlines of geology* (Wiley).
 Emmons, W. H., and others, *Geology* (McGraw-Hill).
 Clarke, Prider and Tiechert, *Elements of geology* (W.A. University Bookshop).
 Glaessner, M. F., and Parkin, L. W. eds., *Geology of South Australia* (M.U.P. for the Geological Society of Australia).
 Ward, L. K., *The occurrence, composition, testing and utilisation of underground water in South Australia* (Geological Survey Bulletin No. 23).
 Aitcheson, 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, C. L., and Foscue, E. J., *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall, 1954).

894. Applied Geology.

Pre-requisite subject: Geology I.

Lectures:—Three lectures a week throughout the year covering the following subjects:—

Mineralogy: including mineragraphy, with the determination of minerals by laboratory techniques and the use of transmitted and reflected light.

Petrology: the determination of rock types, their chemical and physical properties and significance, igneous rocks and igneous processes, sedimentary rocks and sedimentation, metamorphic rocks and metamorphism.

Stratigraphy: the principles of stratigraphic classification and correlation.

Structure: the spatial relationships of rocks and their causes.

Geologic processes: including erosion, weathering and supergene alteration.

Geological mapping; and maps, surface and subsurface regional geology.

The theory of ore formation and the geology of mineral deposits: metallic, non-metallic and fuels.

PRACTICAL WORK.—Not less than four hours a week throughout the year with laboratory exercises on the determining of minerals, rocks and ores, including suites from Australian mining districts.

Exercises involving the use of geologic mine maps and sections and the solving of geologic structure problems.

The logging of bore cores and well cuttings and the integration of subsurface data.

The use of air photos and the making of geologic maps from air photos.

Text-books:

- Huang, W. T., *Petrology* (McGraw-Hill, 1962).
 McKinstry, H. E., *Mining geology* (Prentice-Hall, 1949).

Reference books:

- Hills, E. S., *Outline of structural geology*, 3rd edition (Methuen, 1963).
 Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).
 Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).
 Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).
 Edwards, A. B. (Ed.), *Geology of Australian ore deposits* (A.I.M.M., 1953).

895. Structures IA (T).

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics (T).

A course of lectures with the same syllabus as Structures I (T) but with a reduced amount of practical and design work.

For text and reference books see syllabus for Structures I (T).

896. Structures IIA (T).

Pre-requisite subject: Structures IA (T).

Pre-requisite or concurrent subject: Civil Engineering A (Min.).

A design project in constructional materials such as steel or timber. See syllabus for Structures II (T).

For text and reference books see syllabus for Structures II (T).

897. Civil Engineering A (Min.).

Pre-requisite subject: Structures IA (T).

A course with the same lecture syllabus as Civil Engineering A but without the practical work.

898. Civil Engineering B (Min.).

Pre-requisite or concurrent subjects: Surveying I (T), Applied Mathematics (T), Hydraulics (T), Mathematics I (Engineering), Structures IA (T).

Lectures: The course comprises three hours lectures and three hours practical work a week.

The syllabus consists of a selection from the following subjects:—

Accommodation requirements; surface drainage, soil properties and tests, earthworks and earthmoving equipment, pavement design, plant and methods for general pavement construction and bituminous work, road surfaces, bases of soil, stabilized soil, gravel and stone pavements, bitumen, gravel-bitumen and bitumenous macadam surfaces, cement concrete pavements, road design, principles 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.

Physical properties of soils. Foundations, earth retaining structures, stability of slopes, earth dams.

Practical Work: Project on water supply and/or sewerage. Laboratory work covering classification and testing of soils and road paving materials. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

- Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering*, 1948 (Wiley).
 Steel, E. W., *Water supply and sewerage*, 1953 (McGraw-Hill).
 Sherrard, H. M., *Australian road practice* (Melbourne University Press).

Reference books:

- Troxel and Davis: *Composition and properties of concrete* (McGraw-Hill).
 Tschebotarioff, G., *Soils mechanics foundations and earth structures* (McGraw-Hill).
 Schultz, J. R., *Geology in engineering*, 1955 (Wiley).
 Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal*, 1954 (Wiley).
 Babbit, H. E., and Doland, J., *Water supply engineering*, 1955 (McGraw-Hill), (Relevant British Codes of Practice).
 Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).
 Rudloff, W., *Industrial wastes* (Reinhold).

900. Structures I (T).

Pre-requisite subject: General Mathematics (201).

Pre-requisite or concurrent subject: Applied Mathematics (T) (941).

The course consists of three hours of lectures and four hours of practical work a week throughout the year plus eight three-hour seminars.

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:

- Timoshenko, S., and MacCullough, G. H., *Elements of strength of materials* (D. van Nostrand).
 Wilbur, J. B., and Norris, C. H., *Elementary structural analysis*, 2nd edition (McGraw-Hill).
 Pearson, R. G., and others, *Timber engineering design handbook* (C.S.I.R.O.).
 Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

901. Civil Engineering A.

Pre-requisite subject: Structures I (T) (900).

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:

- Timoshenko, 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, L. C., and others, *Design of concrete structures* (McGraw-Hill).

902. Civil Engineering B.

Pre-requisite subjects: Surveying I (T) (906), Applied Mathematics (T) (941), Hydraulics (T) (917), Mathematics I (Engineering) (213) and Structures I (T) (900).

The course comprises four hours of lectures and three hours of practical work a week throughout the year.

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.

Physical properties of soils, design and construction of foundations, earth retaining structures, silos, stability of slopes, earth dams, soil exploration and classification.

Geological formations; requirements of concrete materials; design of mixes; physical properties of concrete.

Practical work: Project on water supply and/or sewage. Laboratory work covering classification and testing of soils, concrete and road paving materials. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley, 1948).

Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).

Reference books:

Sherrard, H. M., *Australian road practice* (M.U.P.).

Troxell, G. E., and Davis, H.E., *Composition and properties of concrete* (McGraw-Hill).

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).

Rudloff, W., *Industrial wastes* (Reinhold).

Nemerow, N. L., *Theories and practices of waste treatment* (Addison-Wesley).

S.A.A. Code A.S. No. 77, *Aggregates for concrete*.

S.A.A. Code A.S. Nos. 100-110, *Methods of testing portland cement concrete*.

S.A.A. Code No. CA2—1958, *Concrete in buildings*.

903. Structures II (T).

Pre-requisite subject: Structures I (T) (900).

Pre-requisite or concurrent subject: Civil Engineering A (901).

The course comprises one hour of lecture and seven hours of practical work a week throughout the year.

Three design projects covering timber, concrete and steel construction.

Reference books:

As for Structures I (T) (900). A reading guide will be supplied at the beginning of the course.

Standards Association of Australia, *Codes* (as applicable).

904. Methods of Construction and Management.

Pre-requisite or concurrent subject: Civil Engineering B (902).

A course of lectures dealing with management aspects of civil engineering construction and typical construction methods.

Part I. Management.—A study of management aspects of construction including:—Planning of construction, principles of organisation, contracts, personnel management, estimating, control costing and financial aspects.

Part II. Construction Methods.—A study of the methods employed in the basic processes of civil engineering construction as applied in typical construction projects.

Text-books:

Antill, J. M., and Ryan, P. W. S., *Civil engineering construction* (Angus and Robertson).

Ryan, P. W. S., *Engineering administration* (Angus and Robertson).

Reference Books:

Kellog, F. H., *Construction methods and machinery*.

905. Soils Investigations.

The course consists of one hour a week lecture in the first and third terms and two hours a week in the second term, and three hours a week practical work throughout the year.

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).

906. Surveying I (T).

Pre-requisite or concurrent subject: General mathematics.

The course consists of one hour lecture a week, and three hours practical work a week throughout the year; there is also one hour lecture a week in Mine Surveying in the second term only.

Lectures: The construction, adjustment, and use of instruments, including the theodolite; 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, plane table; errors and their effects in chaining, levelling and instrument use.

Mine surveying: 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 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.

B. Tech. students, Civil Engineering and Surveying, 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*.

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Reference books:

Clendinning, J., *Principles and use of survey instruments* (Blackie).

Clendinning, J., *Principles of surveying* (Blackie).

Winiberg, F., *Metalliferous mine surveying* (Mining Publications).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).

Dobrin, A., *Introduction to geographical prospecting* (McGraw-Hill).

907. Survey Camp.

Pre-requisite subject: Surveying I (T).

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.

908. Surveying Computations.

Pre-requisite subject: Surveying I (T).

The course consists of three hours of lectures a week throughout the year.

Computations connected with plane surveying; three-point and similar problems; calculation of heights and distances; tacheometric 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.

A reading list will be given.

909. Surveying IB.

Pre-requisite or concurrent subject: General Mathematics.

The course consists of one hour lecture a week and three hours practical work a week throughout the year.

Lectures: The construction, adjustment and use of instruments; chain surveys; levelling; traverses; measurement in setting out of earthwork; survey ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements; plotting and finishing plans; sections and tracings, plane table. Errors and their effects in chaining, levelling and instrument use.

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.

Text-books:

Clark, D., *Plane and geodetic surveying*, vol. 1, 1958 (Constable).

Chambers: *Seven figure mathematical tables*.

Staley, W. W., *Introduction in mine surveying*, 1953 (Stanford, U.P.)

Reference books:

Cleddinning, J.: *Principles of surveying* (Blackie).

Cleddinning, J., *Principles and use of survey instruments* (Blackie).

Winiberg, F.: *Metalliferous mine surveying* (Mining Publications).

910. Surveying II.

Pre-requisite subjects: Surveying I (T), General Mathematics, and General Physics.

Pre-requisite or concurrent subject: Surveying Computations (908).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

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 and adjustment of observations.

Practical work: Three hours a week throughout the year covering plane table surveys, traverses, precise levelling and distance-measuring equipment, application of theory or errors to field work.

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).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).

911. Land Surveying Design and Drafting.

The course consists of three hours of lectures a week throughout the year.

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).

912. Mine Surveying.

Pre-requisite subjects: Surveying IB or Surveying IA (previous subject) and Surveying Computations.

LECTURES: Equipment; basis definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing; various types of survey instruments.

Text-book:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Reference Book:

Winiberg, F., *Metalliferous mine surveying* (Mining Publications).

Dobrin, M., *Introduction to geophysical prospecting* (McGraw-Hill).

913. Photogrammetry.

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (910), and Astronomy (915).

Concurrent subject: Geodesy (914).

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).

914. Geodesy.

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (910), and Astronomy (915).

Lectures: The oblate spheroid, reconnaissance surveys, base line measurement; recording methods; adjustments, computation of triangulation, trilateration and traverses, computation in plane rectangular records; map projections. Gravity, influences on levelling; Gravity Surveys—use of gravity observations for earth figure determination; optical and mechanical principles; level compensation; precise alignment—axicon principles; double image, subtense, and diagrammatic methods of tacheometry; microwave distance measurements; geodetic theodolites.

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).

Bomford, G., *Geodesy* (O.U.P., 1952).

Reference books:

Hosmer, G. L., *Geodesy* (Wiley, 1929).

Rainsford, H. F., *Survey adjustments and least squares* (Constable).

Whittaker, E. T., and Robinson, T. G., *Calculus of observations* (Blackie).

Heiskanen, W. A., and Vening-Meinesz, F. A., *The earth and its gravity field* (McGraw-Hill).

915. Astronomy.

Pre-requisite or concurrent subject: Surveying II (910).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

LECTURES: Spherical Trigonometry. Explanation of astronomical terms; astronomical coordinates and the factors influencing them; reduction of mean to apparent place. Time. Simple and precise methods for the determination of azimuth, latitude and longitude. Position lines, the astrolabe. The receiving and recording of time signals and observational data. The effects of instrumental and observational errors.

Practical and tutorial work: Three hours a week throughout the year, both day and evening. A programme of approximately 70 observations is to be completed for the determination of latitude, longitude and azimuth.

Text-books:

- Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
 Roelofs, R., *Astronomy applied to land surveying* (Ahrend, 1950).
 Chapman, R. W., and Mackie, J. W., *Astronomy for surveyors*, latest edition (Griffin).
Star almanac for land surveyors (H.M.S.O.).

Reference books:

- The astronomical ephemeris* (current edition).
Apparent places of fundamental stars (current edition).
 Smart, W. M., *Foundations of astronomy* (Longmans, 1953).
 War Office, *Text-book of field astronomy* (H.M.S.O.).
 Smart, W. M., *Text-book on spherical astronomy* (C.U.P.), 1962.
 Feather, N., *Mass, length and time* (E.U.P., Penguin).

916. Surveying Law.

The course consists of two hours of lectures a week throughout the year.

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.

917. Hydraulics (T).

Pre-requisite subject: General Physics (221).

Pre-requisite or concurrent subjects: Applied Mathematics (T) (941), and Mathematics I (Engineering) (213).

The course consists of one hour of lecture a week throughout the year and three hours of practical work a week in the third term only.

Lectures: Properties of fluids; hydrostatics; principles of continuity, momentum and energy for 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.

Text-book:

- Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics* (McGraw-Hill, 1954).

Reference Books:

- Streeter, V. L., *Handbook of fluid dynamics* (McGraw-Hill).
Australian rainfall and run-off (The Institution of Engineers, Australia, 1958).

920. General Electrical Engineering.

Pre-requisite or concurrent subjects: General Mathematics (201), General Physics (221).

Lectures: One hour a week throughout the year.

A descriptive introduction to electrical and electronic engineering including its history, the development of power generation and distribution systems; the development of communications by cable, telephone and wireless; digital and analogue computers; the impact of electronics on other scientific activities, e.g., medical, chemical; control systems.

Elementary concepts in linear lumped circuit theory including A.C. circuits. A.C. and D.C. measurements. Elementary treatment of transmission lines. Comparison of distributed and lumped circuit theory.

Simple treatment of active current elements including mechanical/electrical conversion devices, vacuum triodes and transistors. An introduction to the cathode ray oscilloscope and its applications.

Tutorials: One hour a week during the second and third terms.

Demonstrations and tutorials to illustrate simple network concepts, laboratory work on simple electrical measurements, applications of simple machines, vacuum and semiconductor devices, visits to manufacturer's works, films.

Reading lists will be given by the lecturer.

921. Electrical Engineering II (T).

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: Systems of units; standard symbols; circuit representation; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; transients; analogue computer for circuit simulation; 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.; analogue computer simulation; instrument calibrations; d.c. machines; transformers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or
Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).
Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).
Lawrence, R. R., *Principles of alternating currents* (McGraw-Hill).

922. Electrical Engineering IIA (T).

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: Based mostly on Electrical Engineering II (T) with inclusion of transducers, a.c. machines, rectifiers, to give a general service course for students not normally proceeding to Electrical Engineering III (T).
a.c. machines, rectifiers, to give a general service course for students not normally proceeding to Electrical Engineering III (T).

Laboratory work: Mostly as for Electrical Engineering II (T) with inclusion of transducers, 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).

923. Electrical Engineering III (T).

Pre-requisite subjects: Electrical Engineering II (T) (921) and Mathematics I (Engineering) (213).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

A satisfactory pass in Electrical Engineering IIA (T) (922) may be accepted in lieu of a pass in Electrical Engineering II (T) (921).

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, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill); or Langsdorf, A. G., *Theory of alternating current machinery*, 2nd edition (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Lawrence, R. R., and Richards, H. E., *Principles of alternating current machinery* (McGraw-Hill).

Lawrence, R. R., *Principles of alternating currents* (McGraw-Hill).

925. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T) (921), and Mathematics I (Engineering) (213).

The course consists of one hour of lecture and three hours of practical work a week throughout the year.

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 Universities Press); or

Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

926. Electrical Engineering Circuits.

Pre-requisite subjects: General Mathematics (201); General Physics (221).

Concurrent subjects: Applied Mathematics II (T) (942), Applied Physics IB (946).

The course comprises two hours of lectures and two hours' practical work a week.

Lectures: Systems of units; standard symbols, circuit representation; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; impedance; resonance; coupled circuits; transient phenomena; R.C. circuit; L.C. circuit.

D.C. Machines; A.C. Machines; transformers.

Pulse Techniques; digital computer elements; computer requirements; introduction to design of amplifiers, oscillators, power supplies, etc.

930. Communication Engineering I.

Pre-requisite or concurrent subjects: Electron Physics (944), Mathematics I (Engineering) (213), and Electrical Engineering II (T) (921).

The course consists of three hours of lectures, a one-hour tutorial and two hours of practical work a week throughout the year.

Lectures: Passive elements, evacuated devices, semiconductor devices; phasors

and complex numbers; basic triode and transistor amplifiers; four terminal networks; incremental models for the triode, pentode and transistor at low and high frequencies; systematic analysis of electronic networks; untuned power amplifiers; resistance—capacitance coupled amplifiers; tuned voltage amplifiers; tuned power amplifiers; Fourier analysis and applications; feedback amplifiers; oscillators; amplitude modulation and demodulation; heterodyne frequency conversion; frequency modulation and demodulation; electromagnetic fields and applications; noise.

Practical work: Laboratory exercises on the above subject matter.

Text-books:

- Seeley, S., *Electron tube circuits*, 2nd edition (McGraw-Hill, 1958).
 Ryder, J. D., *Electronic fundamentals and applications*, 2nd edition (Prentice-Hall, 1959).
 Simpson, J. H., and Richards, R. S., *Physical principles and applications of junction transistors* (O.U.P., 1962).
 Harrington, R. F., *Introduction to electromagnetic engineering* (McGraw-Hill, 1958).

Reference Books:

- Fich, S., and Potter, J. L., *Theory of a-c circuits* (Prentice-Hall, 1958).
 Angelo, E. J., *Electronic circuits* (McGraw-Hill, 1958).
 Zimmerman, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley, 1959).
 Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
 Clement, P. R., and Johnson, W. C., *Electrical engineering science* (McGraw-Hill, 1960).

931. Communication Engineering II.

Pre-requisite subjects: Communication Engineering I (930) and Mathematics I (Engineering) (213).

The course consists of two hours of lectures and four hours of practical work a week throughout the year.

Lectures: Basic network theory; wave filters; transmission lines; antennas; propagation of electro-magnetic waves; wave guides; U.H.F. generators and receivers; information transmission concepts; modulation systems.

Practical: Laboratory experiments on the above subject matter.

Text-books:

- Ryder, *Networks, lines and fields* 2nd edition (Prentice-Hall, 1955).

Reference books:

- Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).
 Jasik, H., *Antenna engineering handbook* (McGraw-Hill, 1961).
 Kraus, J. D., *Antennas* (McGraw-Hill, 1950).
 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).
 Schwartz, M., *Information transmission, modulation and noise* (McGraw-Hill, 1959).
 Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill).
 Thomson, J., *The services text-book of radio*, vol. 3 (H.M.S.O., 1955).

933. Applied Electronics.

Pre-requisite subjects: General Mathematics (201) and Electrical Engineering II (T) (921) or IIA (T) (922).

Pre-requisite or concurrent subject: Mathematics I (Engineering) (213).

The course consists of one hour of lectures and two hours of practical work a week throughout the year.

Lectures:

Fundamental concepts: electrical conduction in solids and gases; electron emission; semi-conduction; electron behaviour in electric and magnetic fields, photo-electronics.

2-terminal devices: characteristics of vacuum diode; gas diode; semi-conductor diodes.

3-terminal devices: characteristics of vacuum triode; gas triode; transistor.

Multi-terminal devices: characteristics of vacuum tetrode and pentode.

Amplification: Basic amplifier configurations; cascaded amplifiers; amplifier response.

Oscillation: Negative resistance; feedback; sinusoidal and relaxation oscillators.

Power conversion: Rectification; filtering; inversion.

Control systems: Power regulation; motor speed and torque control; welding control; induction and dielectric heating; timers; photo-electric control.

Miscellaneous devices: C.R. Tubes; P.E. cell; thermistor; vari-reactance devices; stroboscope.

Practical: Laboratory experiments on the above subject matter.

Preliminary reading:

Hill, W. R., *Electronics in engineering* (Mc-Graw-Hill, 1950).

Text-book:

Carson, R. S., *Principles of applied electronics* (McGraw-Hill, 1961).

Reference books:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Lytel, A., *Industrial electronics* (McGraw-Hill, 1962).

Kloeffler, R. G., *Industrial electronics and control* (Wiley, 1960).

Zeines, B., *Principles of applied electronics* (Wiley, 1963).

934. Applied Electronics—(Short Course).

Pre-requisite or concurrent subjects: Electrical Engineering II (T) (921) or IIA (T) (922), and Communication Engineering I (930).

The course consists of one hour of lecture and two hours of practical work a week for the second and third terms only.

Lectures:

Power Supplies: Rectification; filtering; regulation; dc/dc conversion.

Power Control: Controlled rectification; power inversion.

Electronic Instruments: Basic principles of electronic instruments.

Transient Analysis: Introduction to fundamental principles of pulse circuits.

Computing amplifiers: Simple analogue computing amplifier circuits.

Energy Conversion: Principles and applications of photo-electric and electro-mechanical transducers; magnetic recording principles.

Practical work: Laboratory work on the above material.

Reference Books:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Carson, J., *Principles of applied electronics* (McGraw-Hill, 1961).

Lytel, A., *Industrial electronics* (McGraw-Hill, 1962).

Millman, J., and Taub, H., *Pulse and digital circuits* (McGraw-Hill, 1956).

Seely, S., *Electron tube circuits*, 2nd edition (McGraw-Hill, 1958).

Clement, P. R., and Johnson, W. C., *Electrical engineering science* (McGraw-Hill, 1960).

935. Electronic Engineering Design.

Pre-requisite or concurrent subjects: Communication Engineering II (931) and Pulse Techniques (937).

The course consists of one hour of lecture and two hours of practical work a week throughout the year.

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 D.C., A.C., wide-band and frequency selective amplifiers; power supplies and electronic regulators; and switching circuits.

Layout and construction methods used in electronic assemblies.

Text-books:

As prescribed during the course.

936. Electronic Measurements.

Pre-requisite or concurrent subjects: Communication Engineering II (931) and Pulse Techniques (937).

The course consists of one hour of lecture and two hours of practical work a week throughout the year.

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).

937. Pulse Techniques.

Pre-requisite subjects: Mathematics I (Engineering) (213), Communication Engineering I (930) and Applied Electronics (Short Course) (934).

Lectures:

Linear Waveshaping: Introduction to the Laplace Transformation: waveform modification by linear circuits containing energy storage elements.

Linear Amplification: Response of cascaded RC coupled amplifiers to pulse voltage excitation.

Non-linear Waveshaping: Waveform modification using non-linear circuit elements.

Switching: Analysis of multivibrators, the blocking oscillator and negative resistance switching circuits.

Timing: Analysis of voltage and current sweep generators; behaviour of delay lines in pulse circuits.

Frequency Division: Application of relaxation devices to frequency division; counting circuits.

Gating: Linear and logical gating circuits; introduction to symbolic logic.

Digital Computer Principles: Introduction to logical design and concepts.

Television Principles: Elements of a TV system.

Practical work: Laboratory work on the above subject matter.

Text-books:

Millman, J., and Taub, H., *Pulse and digital circuits* (McGraw-Hill, 1956).

Strauss, L., *Wave generation and shaping* (McGraw-Hill, 1960).

Reference Books:

Jaeger, J. C., *An introduction to the Laplace transformation* (Methuen, 1959).

Chu, Y., *Digital computer design fundamentals* (McGraw-Hill, 1962).

Flores, I., *Computer logic* (Prentice-Hall, 1960).

Joyce, M. V., and Clarke, K. K., *Transistor circuit analysis* (Addison Wesley, 1961).

Cheng, L., *Analysis of linear circuits* (Addison Wesley, 1959).

940. Physics B (Engineering).

The course is given annually in the South Australian Institute of Technology.

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.

This course consists of two lectures a week and three hours practical per week.

There is a small amount of tutorial work by arrangement.

Mechanics: Periodic phenomena, vibrations and waves, elasticity, diffusion, temperature.

Light: Geometrical and physical optics, simple lens systems, diffraction, interference, image formation, photography.

Electricity: Fields of force, induced E.M.F. and inductance, elementary A.C. circuits, electromagnetic waves, dielectrics, magnetism.

Electronics: Motion of charged particle, conduction in metals and gases, thermionics, diode, triode, amplifiers, oscillators, power supplies.

Modern Physics: X-rays, photo-electricity, radiation, electron diffraction, semi-conductors.

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 following text- and reference books:

Text-books:

Sears, F. W., *Mechanics, wave motion and heat* (Wiley).

Bitter, F., *Currents, fields and particles* (Wiley).

Reference books:

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

French, A. P., *Principles of modern physics* (Wiley).

941. 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; centroids; moments of inertia.

Text-book:

Merriam, J. L., *Mechanics: part I Statics, part II Dynamics*, 2nd, combined edition (Wiley).

Reference book:

Beer, F. P., and Johnston, E. R., *Mechanics for engineers* (Mc-Graw-Hill).

942. Applied Mathematics II (T).

Pre-requisite subject: General Mathematics (201).

The course comprises three lectures and two tutorials a week.

Subjects of examination: Differential and integral calculus, differentials, partial differentiation, multiple integrals, series, common functions of physics—differential equations, Laplace methods, vectors and vector algebra, determinants and matrices, numerical methods and statistics.

The scope and standard of knowledge required for examination is indicated by the course of lectures, supplemented by prescribed reading.

Text-book:

Unthank, E. L., *Statistics* (Hall's Book Store, Melbourne).

Reference Books:

Kreyszic, E., *Advanced engineering mathematics* (Wiley).

Sokolnikoff, I. S., and Redheffer, R. M., *Mathematics of physics and modern engineering* (McGraw-Hill).

Spiegel, M. R., *Theory and problems of advanced calculus* (Schaum).

943. Mechanics (T).

Pre-requisite subjects: General Mathematics (201); General Physics (221).

The course comprises one lecture and one tutorial a week.

Subjects of examination: Kinetics, forces and motions of particles, work and energy, Newton's Laws, harmonic motion, translational and rotational motion of rigid bodies, wave motion and statics.

Text-book:

Stephenson, R. J., *Mechanics and properties of matter*, 2nd edition (Wiley).

944. 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; electron optics; solid state; di-electrics; magnetism.

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).

Van der Ziel, A., *Solid state physical electronics* (Macmillan).

Shive, J. N., *The properties, physics and design of semi-conductors* (Van Nostrand).

Hemenway, C. L., and others, *Physical electronics* (Wiley).

945. Applied Physics IA.

Pre-requisite subjects: General Physics (221); General Mathematics (201).

Pre-requisite or concurrent subject: Applied Mathematics II (T) (942).

The course comprises three lectures and five hours practical work a week and is given annually.

Subjects of examination: Metrology, vibration and wave motion, surfaces in contact, elasticity and flow, electrical theory, magnetism, optics, heat, physical transport problems.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

Reference Books:

Halliday, D., and Resnick, R., *Physics for students of science and engineering* (Wiley).

Kronig, R., *Text-book of physics* (Pergamon).

Sears, F. W., *Mechanics, wave motion and heat* (Addison Wesley)

Bitter, F., *Currents, fields and particles* (Wiley).

Jenkins, F. A., and White, H. E., *Fundamentals of optics* (McGraw-Hill).

Curry, C., *Wave Optics* (Arnold).

Cowling, T. G., *Molecules in motion* (Harper).

Newman, F. H., and Searle, V. H. L., *General properties of matter* (Arnold).

946. Applied Physics IB.

Pre-requisite subjects: General Mathematics (201); General Physics (221).

Pre-requisite or concurrent subject: Applied Mathematics II (T) (942).

The course comprises two lectures, one tutorial and four hours practical a week.

Subjects of examination: The physics of the electron in (1) vacuum with magnetic and electric fields; (2) gases; (3) power supplies, amplifiers, oscillators, detection and measuring devices.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

Text-books:

- Millan, J., *Vacuum tube and semi conductor electronics* (McGraw-Hill).
 Hemenway, C. L., and others, *Physical electronics* (Wiley).
 Evans, W. H., *Experiments in electronics* (Prentice-Hall).

947. Applied Physics IIA.

Pre-requisite subjects: Applied Physics IA (945), Applied Physics IB (946), Applied Mathematics II (T) (942), and Mechanics (T) (943).

This course comprises three lectures and five hours practical work a week.

Subjects of examination: Atomic theory, optics, electricity, radiation, thermodynamics, physical properties of solids, fundamental limitations of measurement.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

- Richtmeyer, F. K., and others, *Introduction to modern physics* (McGraw-Hill).
 Born, M., *Atomic physics* (Blackie)
 Harrison, G. R., and others, *Practical spectroscopy*.
 Candler, A. C., *Practical spectroscopy*.
 Allen and Maxwell, *A text-book of heat* (MacMillan).
 Roberts, J. K., *Heat and thermodynamics*, 5th edition, revised by A. R. Miller (Blackie, Wiley).
 Whitmer, R. M., *Electromagnetism* (Prentice-Hall).
 Kinsler, L. E., and Fray, A. R., *Fundamentals of acoustics* (Wiley).
 Richardson, E. G., *Sound* (Arnold).
 Elliott, A., and Home-Dickson, J., *Laboratory instruments* (Chapman and Hall).
 Braddick, H. J., *The physics of experimental method* (Chapman and Hall).

948. Applied Physics IIB.

Pre-requisite subjects: Applied Physics IA (945), Applied Physics IB (946), Applied Mathematics II (T) (942), Mechanics (T) (943).

The course comprises three lectures and five hours practical work a week.

Subjects of examination: Vacuum physics, electron optics, X-rays, detection of particles and radiation, simple wave mechanics, solid state, quantum electronics, microwaves, nuclear physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

Reference books:

- Spinks, H., *Vacuum technology* (Chapman and Hall).
 Harman, H., *Principles of electronic motion* (McGraw-Hill).
 Kaplan, I., *Nuclear physics* (Addison Wesley).
 Semat, H., *Atomic and nuclear physics* (Rinehart).
 Terman, F. E., *Electronic and radio engineering* (McGraw-Hill).
 Slater, J. C., *Microwave electronics* (Van Nostrand).
 Mott, N. F., *Wave mechanics* (Cambridge).
 Van der Ziel, A., *Solid state physical electronics* (Prentice-Hall).
 Kittel, C., *Elementary solid state physics* (Wiley).

950. Mechanical Engineering I (T).

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

The course consists of two hours of lectures a week throughout the year.

Laws of perfect gases; first law of thermodynamics; entropy; second law of thermodynamics; ideal engine cycles; internal combustion engines; properties of steam; steam plant; engine tests; combustion; elements of heat transfer; thermometry; elements of refrigeration.

Text-books:

- Joel, R., *Heat engines* (Longmans, 1960).
 Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition (Arnold, 1962).

Reference books:

- Kearton, W. J., *Steam turbine operation* (Pitman).
 Dossat, R. J., *Principles of refrigeration* (Wiley, 1961).
 Swift, C. D., *Steam power plants* (McGraw-Hill, 1959).

951. Mechanical Engineering II (T).

Pre-requisite subjects: General Mathematics (201), Chemistry I (231) or IA (232), General Physics (221) and Mechanical Engineering I (T) (950).

The course consists of two hours of lectures a week throughout the year and two hours of practical work a week for the first and second terms only.

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; engines; turbines; elements of refrigeration; principles of combustion; elements of heat transfer.

Laboratory work based on the above; report writing.

Text-book:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

Reference books:

Spalding, D. B., and Cole, E. H., *Engineering thermodynamics* (Arnold, 1958).

Rogers, C. F. C., and Mayhew, Y. R., *Engineering thermodynamics* (Wiley).
Keenan, J. H., *Thermodynamics* (Wiley).

952. Mechanical Engineering III (T).

Pre-requisite subjects: Mathematics I (Engineering) (213), Applied Mathematics (T) (941), Strength of Materials (T) (960) and either Mechanical Engineering II (T) (951) or Refrigeration Engineering II (954).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

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.

Practical work based on the above.

A reading guide will be supplied at the beginning of the course.

Text-book:

Prandtl, L., *Essentials of fluid dynamics*, 3rd edition (Blackie, 1957).

Reference books:

Shepherd, D. G., *Principles of turbo-machinery* (Macmillan).

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

Walshaw, A. G., *Applied thermodynamics* (Blackie, 1953).

Obert, E. F., *Internal combustion engines* (International Text Book Co.).

Taylor, C. F., *The internal combustion engine*, Vols. I and II (Wiley).

953. Refrigeration Engineering I.

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

The course consists of two hours of lectures a week throughout the year.

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:**Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1956).Dossat, R. J., *Principles of refrigeration* (Wiley, 1961).**954. Refrigeration Engineering II.**

Pre-requisite subjects: General Mathematics (201), Chemistry IA (232), General Physics (221) and Refrigeration Engineering I (953).

The course consists of two hours of lectures a week throughout the year, and two hours of practical work a week for the first and second terms.

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 Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1956).U.S.A., Bureau of Standards, Circular No. 142, *Thermodynamic properties of ammonia* (1945).**Reference books:**

As prescribed during lectures.

955. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (954), and Chemistry I (Organic) (T) (984).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

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 of meat and fish, dairy produce, labile biological products; air sterilization; water purification; thermoelectric cooling.

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:**Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 3rd edition (McGraw-Hill).American Society of Heating, Refrigeration and Air-Conditioning Engineers, Inc., *Guide and data book*, 1961.

956. Engineering Mechanics I.

Pre-requisite or concurrent subjects: General Mathematics and General Physics.

Lectures: The course consists of two hours of lectures a week throughout the year.

Principles of statics; parallelogram of forces; equilibrium of forces in a plane; moment of a force; couples; force systems in space; simple trusses; funicular polygon; cables and chains; friction; virtual displacement; centre of gravity; static moments and moments of inertia.

Elastic stress and strain; Hooke's law; normal and shear stresses; principal stresses; Mohr's circle; tension; compression and shear; bending of homogeneous beams; deflection of beams in pure bending; torsion of circular shafts; combined loading; strain energy; failure theories; fatigue stresses.

Text-books:

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Merriam, J. L., *Mechanics, Vol. I, Statics* (Wiley, 1959).

957. Machine Design.

Pre-requisite subjects: Engineering Drawing and Design II (964), Strength of Materials (T) (960), Mathematics I (Engineering) (213), and *either* Mechanical Engineering II (T) (951) or Refrigeration Engineering II (954).

The course consists of two hours of lectures a week throughout the year and three hours of practical work a week for the first and second terms only.

Lectures: General design principles; fatigue; stress concentration; impact; combined stresses; 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 (964), and in addition:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International) and

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery* (Wiley, 1957).

Reference books:

Marks, L. S., *Mechanical engineers handbook*, 6th edition (McGraw-Hill), British Standards:

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).

Spotts, M. F., *Design of machine elements*, 3rd edition (Prentice-Hall).

Bevan, T., *The theory of machines*, 3rd edition (Longmans).

958. Machine Design Project.

Pre-requisite subjects: Engineering Drawing and Design II (964), Strength of Materials (T) (960), Mathematics I (Engineering) (213), and *either* Mechanical Engineering II (T) (951) or Refrigeration Engineering II (954).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Lectures: As for Machine Design (957).

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 (957).

Reference books:

As for Machine Design (957).

960. Strength of Materials (T).

Pre-requisite or concurrent subject: Applied Mathematics (T) (941).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

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; 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 a plane of a principal axis; strain energy and its 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).

Singer, F. L., *Strength of materials*, 2nd edition (Harper and Brothers, 1962).

961. Materials and Structures.

Pre-requisite subject: General Physics (221).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

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*, 2nd edition (Pitman, 1963).

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.

963. Engineering Drawing and Design I.

Pre-requisite subjects: Leaving Mathematics I and II.

The course consists of four hours of practical work a week throughout the year. 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, involute, cycloid and helix.

Solid Geometry: Third and first angle projections of points, lines, surfaces, and solids; sectioning; dimensioning; auxiliary projection and rotation; lines of inter-penetration of intersecting surfaces; true lengths of lines and true shapes of surfaces applied to development of irregular surfaces; axonometric drawing; arrangement drawings of simple assemblies.

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*, 2nd edition (McGraw-Hill, 1958).

B.S.308: 1953, *Engineering drawing practice*.

Reference books:

French, T. E., and Vierck, C. J., *Engineering drawing*, 9th edition (McGraw-Hill, 1960).

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry*, 2nd edition (Wiley, 1961).

Luzadder, W. J., *Fundamentals of engineering drawing*, 4th edition (Prentice Hall, 1959).

Grant, H. E., *Engineering drawing; combined text-book* (McGraw-Hill, 1962).

964. Engineering Drawing and Design II.

Pre-requisite subject: Engineering Drawing and Design I (963). If *either* Structures I (T) (900) or Strength of Materials (T) (960) or Materials and Structures (961) has not been passed, it must be taken concurrently.

The course consists of one hour of lecture and three hours of practical work a week throughout the year.

Lectures: The design of simple machine elements; general principles of detail design; the influence of manufacturing processes in design; thin cylinders; riveted joints; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; ball and roller bearings; spur gears (involute geometry); flat and vee-belt drives; rope and chain drives; lifting chains and ropes; springs; brakes; curved beams; thick cylinders.

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:

Spotts, M. E., *Design of machine elements*, 3rd edition (Prentice-Hall, 1961).

B.S. 1916: Part 1: 1953, *Limits and fits for engineering*.

B.S. 1916: Part 2: 1953, *Guide to selection of limits and fits*.

B.S. 308: 1953, *Engineering drawing practice*.

Reference 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).

Merritt, H. E., *Gears*, 3rd edition (Pitman, 1958).

Zozzora, F., *Engineering drawing*, 2nd edition (McGraw-Hill, 1958).

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery* (Wiley, 1957).

S.A.A. CB1-1952, *Boiler code*.

S.A.A. Int. 351, *Structural steel in building*.

B.S. 436: 1940, *Machine cut gears*.

965. Workshop Practice IB.

A course of one lecture a week throughout the year and of three hours practical work a week for one term. The syllabus is the same as that for Workshop Practice I.

For text and reference books see syllabus for Workshop Practice I.

966. 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).

Burghardt, H. D., and others, *Machine tool operation, Part I* (McGraw-Hill).

How to run a lathe (South Bend Works).

Ekey, D. C., and Winter W. P., *An introduction to foundry technology* (McGraw-Hill).

Australian Department of Labour and National Service, *Lathe work* (McCarron Bird).

967. Workshop Practice II.

Pre-requisite subject: Workshop Practice I (966). A more advanced course in machine shop practice, consisting of lectures, practical work and demonstrations, with one hour of lecture and three hours of practical work a week throughout the year.

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; production processes.

Reference books:

Ford Trade School, *Shop theory*.

Burghardt, H. D., and others, *Machine tool operation, Part II* (McGraw-Hill).

American Society of Engineers, *Tool engineer's handbook* (McGraw-Hill).

Jefferson, T. B., *The welding encyclopedia* (McGraw-Hill).

Baty, *British standards for workshop practice* (British Standards Institution).

Hume, K. J., *Engineering metrology* (Macdonald and Co.).

Baker, H. Wright, *Modern workshop technology* (Cleaver Hume).

Steeds, W., *Involute gears* (Longmans).

Black, P. H., *Theory of metal cutting* (McGraw-Hill).

970. Analytical Chemistry.

Pre-requisite subject: Chemistry IIA (234).

Lectures: One hour a week throughout the year dealing with the electrochemical methods of analysis — polarography, potentiometry, conductometric analysis, 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, and other selected topics.

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*, 2nd edition (McGraw-Hill, 1960).

Reference books:

Vogel, A. I., *A text-book of quantitative inorganic chemistry*, 3rd edition (Longmans, 1962).

Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

Kunin, R., *Ion exchange resins* (Wiley, 1958).

Stroebel, H. A., *Instrumental analysis* (Addison-Wesley, 1960).

Morrison, G., and Frieser, H., *Solvent extraction in analytical chemistry* (Wiley, 1957).

Friedlander, G., and Kennedy, J., *Nuclear and radio chemistry* (Wiley, 1955).

971. Extractive Metallurgy I.

Pre-requisite subjects: Process Technology 1 (975) and Applied Physical Chemistry (988).

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 a 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).

Darken, L. S., and Curry, R. W., *Physical chemistry of metals* (McGraw-Hill, 1952).

Ward, R. G., *An introduction to the physical chemistry of iron and steel making* (Arnold, 1962).

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).

Kubachewski, O., and Evans, E. L., *Metallurgical thermochemistry*, 3rd edition (Pergamon, 1958).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).

Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).

972. Extractive Metallurgy IA.

Pre-requisite subject: As for Extractive Metallurgy I (971).

Lectures and Practical work: A limited treatment of Extractive Metallurgy I (971) 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 (971).

973. Industrial Instrumentation.

Pre-requisite subjects: Chemistry I (231) or IA (232) and General Physics (221), Mathematics I (Eng.) (213).

Lectures: One hour a week throughout the year providing an introduction to industrial instrumentation and automatic process control.

The lectures deal briefly with the means used for making measurements of industrial interest, the characteristics of the systems used, and the basic mechanisms and circuits used in control loops. Graphical and analytical techniques used in process control system design are discussed, and the techniques of simulation and computation are introduced.

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., *Automatic process control* (Wiley, 1958).

Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).

Hadley, W. A., and Longobards, G., *Automatic process control* (Pitman, 1963).

Reference books

Popov, E. P., *The dynamics of automatic control systems* (Pergamon 1962).

974. Industrial Instrumentation A.

Pre-requisite subjects: Chemistry I or IA, General Physics and Mathematics I (Eng.) or Applied Mathematics II (T).

This course will cover Industrial Instrumentation (973), with the additions of:

- (1) Theory of automatic control systems.
- (2) Applications to position control (servo-mechanisms).
- (3) Transducers.
- (4) Power amplifiers.
- (5) Electro-mechanical analogues.

Laboratory work—based on lectures (4 hours).

Text-books and Reference Books:

As for Industrial Instrumentation.

975. Process Technology I.

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

Lectures and demonstrations: Two lectures a week throughout the year comprising an introduction to the unit processes and operations of chemical technology and metallurgical engineering, and to selected major fields of applied chemistry 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-books:

Bailey, A. R., *Text-book of metallurgy*, 2nd edition (Macmillan, 1960).

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Reference books:

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).

Kent, J. A. (ed.), *Riegel's industrial chemistry* (Reinhold, 1962).

Kilner, E., and Samuel, D. M., *Applied organic chemistry* (McDonald and Evans, 1960).

976. Process Technology II.

Pre-requisite subjects: Applied Physical Chemistry (988), Organic Chemistry IIA (863) and Process Technology I (975), and Mathematics I (Engineering) (213).

Lectures: Two hours a week throughout the year dealing with chemical process principles including mass and energy balances, thermo-dynamics, electro-technology, phase and reaction equilibria, and reaction kinetics and including also applications in 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, and various chemical process principles.

Text-books:

- Henley, E. J., and Bieber H., *Chemical engineering calculations* (McGraw-Hill, 1959).
Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

Reference books:

- Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1950).
Hougen, O. A., and others, *Chemical process principles*, Vols. 1 and 2, 2nd edition (Wiley).
Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).
Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).
Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics*, 2nd edition (McGraw-Hill, 1959).
Evans, U. R., *Corrosion and oxidation of metals*, (Arnold, 1960).

977. Physical Metallurgy I.

Pre-requisite subjects: Engineering Materials (986) and Chemistry IIA (234).

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).
Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).

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).
Hume-Rothery and Raynor, *Electron theory of metals and alloys* (Institute of Metals).
Hollomon, J. H., and Jaffe, L. D., *Ferrous metallurgical design* (Wiley, 1947).
Zackay, V. F., and Aaronson, H. I., *Decomposition of austenite by diffusional processes* (Interscience, 1962).

978. Physical Metallurgy Project.

Pre-requisite or concurrent subject: Physical Metallurgy II (980).

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.

980. Physical Metallurgy II.

Pre-requisite or concurrent subjects: Applied Physical Chemistry (988), Physics B (Engineering) (940), Physical Metallurgy I (977), and Electrical Engineering IIA (T) (922).

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-books:

- Cottrell, A. H., *Theoretical structural metallurgy* (Arnold, 1956).
Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).

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).
May, E., *Industrial high frequency electric power* (Wiley).
Azaroff, L. B., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1963).

981. Metal Fabrication.

Pre-requisite subject: Engineering Materials (986).

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).
Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).

Reference books:

- Metals handbook*, 1948 edition and 1961 edition (American Society for Metals).
Sachs, G., *Fundamentals of the workings of metals* (Pergamon).
Baker, H. Wright, *Modern workshop technology* (Clever-Hume).

982. Foundry Practice.

Pre-requisite subject: Engineering Materials (986).

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).
Flinn, R. A., *Fundamentals of metal casting* (Addison Wesley).

Reference books:

- Metals handbook*, 1948 edition and 1961 edition (American Society for Metals).
Heine, R. W., and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill, 1956).

983. Industrial Economics.

Pre-requisite subject: Process Technology I (976).

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).

984. Chemistry I (Organic) (T).

Pre-requisite subjects: Intermediate Chemistry or Intermediate General Science I and II.

The course consists of one hour a week of lectures throughout the year and three hours of practical work a week for the first two terms.

General organic chemistry including introductions to valence theory of carbon compounds; aliphatic and aromatic organic chemistry.

Text-book:

- Finar, I. L., *Organic chemistry*, Vol. 1, 3rd edition (Longmans).

986. 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, L. H., *Elements of materials science* (Addison-Wesley, 1959).

Reference books:

- Nord, M., *Text-book of engineering materials* (Wiley, 1952).
 Rollason, E. C., *Metallurgy for engineers* (Arnold, 1949).
 Sinnott, M. J., *The solid state for engineers* (Wiley, 1958).
 Goldman, J. E. (ed.), *The science of engineering materials* (Wiley, 1957).
 Leighou, R. B., *Chemistry of engineering metals* (McGraw-Hill).
 Norton, F. H., *Refractories* (McGraw-Hill).
Metals handbook, 1948 edition and 1961 edition (American Society of Metals).
 Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).
 Azaroff, L. V., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1963).
 Tipper, C. F., *The brittle fracture story*.

987. Mineral Dressing.

Pre-requisite subjects: Geology IA (991), Applied Physical Chemistry (988), and either Process Engineering I (481) or Process Technology I (975).

LECTURES: Two hours a week for three terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity, electrostatic and magnetic separation, 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).

988. 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. H., *Theoretical structural metallurgy* (Arnold).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

Laidler, K. J., *Chemical kinetics* (McGraw-Hill).

990. Mineral Engineering I.

Pre-requisite subjects: Geology I, Engineering Drawing and Design I, Mechanical Engineering I (T), Structures IA (T).

LECTURES: Two lectures a week throughout the year comprising a general study of the field of mineral engineering referred to metallic and non-metallic deposits.

The theory of drilling, rock mechanics, ground support, fragmentation of rock and the design of underground and open cast mining methods.

The principles of exploration, development and production of minerals.

The study of environmental factors, economics and legislation in the mineral industry.

PRACTICAL WORK: One hour a week throughout the year covering the practical aspects of mineral engineering and including ventilation and related factors, rock reinforcement and support, drilling equipment and techniques, explosives, blasting and rock handling methods.

Some of this practical work will be conducted at an experimental mine or at operating mines and quarries.

Text-book:

Lewis, R. S., *Elements of mining* (Wiley).

Reference books:

Additional references will be given by the lecturer.

991. Mineral Engineering II.

Pre-requisite subjects: Hydraulics T, Mathematics I (Engineering), Applied Mathematics T.

Pre-requisite or concurrent subjects: Mineral Engineering I, Civil Engineering A (Min), Structures IIA (T), Physics B (Engineering).

LECTURES: This course consists of three hours a week throughout the year and will be advanced treatment of the subject matter dealt with in Mineral Engineering I, and will also cover the development and exploitation of oil and gas fields.

It will include: the study of rock mechanics and its relation to controlled breaking, subsidence and the support of mine openings and surface excavations; the design of structures applicable to mining; the theory of air flow and heat transfer in mine openings; the application of hydraulic principles to mining operations; the study of mine planning and design, and the application of Systems Analysis and control.

The section on oil and gas field development will involve the study of the theory and techniques of drilling, mud engineering and bore hole logging; well completion and the design construction and operation of well-head plant including off-shore rigs; production planning; natural production; secondary recovery; oil and gas storage and transportation; legislation, economics.

PRACTICAL WORK: There will be three hours practical work a week throughout the year comprising laboratory, field and design work on rock mechanics, ventilation circuits and drainage systems, and computations relating to mine economics.

In addition there will be exercises in critical path planning and on the design of mining systems and surface layouts.

Students will be required to submit a satisfactory report on an approved subject such as an aspect of the mineral or petroleum industry in Australia, or on an aspect of mineral exploration; on a mine design or quarry layout; or on an aspect of rock mechanics, drilling, ventilation, etc.

Text-books:

Peele, R., *Mining engineer's handbook*, 3rd edition (Wiley).

Staley, W., *Mine plant design* (McGraw-Hill).

Isaacson, E. de Q., *Rock pressure in mines* (Mining Publications).

Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).

Reference books:

Additional references will be given by the lecturer.

992. Mineral Treatment.

Pre-requisite subjects: Chemistry IA, General Physics, Geology I.

LECTURES: A course of two hours a week throughout the year dealing with: the physical properties of ores and minerals; the theories of comminution, sizing and sorting; the preparation of concentrates utilizing the physical and chemical properties of minerals; the principles governing metal extraction from mineral concentrates and ores.

PRACTICAL WORK: Two hours a week throughout the year on: microscopic examination of polished sections; crushing, grinding, screening, classification and concentration; flow sheets and mill design; pyrometallurgical processes.

Text-books:

Pryor, E. J., *Mineral processing*, 1960 (Mining Publications).
Bailey, A. R., *A text-book of metallurgy*, 1960 (MacMillan).

Reference books:

Taggart, A. F., *Elements of ore dressing*, 1951 (Wiley).
Taggart, A. F., *Handbook of mineral dressing*, 1956 (Wiley).
Sutherland, K. K., and Wark, I. W., *Principles of flotation* (A.I.M.M., 1955).

993. Mineral Exploration.

Pre-requisite subjects: Mathematics I (Engineering), Physics B (Engineering), Chemistry IA, Geology I, Surveying I (T).

Pre-requisite or concurrent subject: Applied Geology.

LECTURES: Two hours a week throughout the year dealing with the principles of mineral exploration and the testing and evaluation of mineral deposits. The methods of mapping and interpreting mineralised areas, and the location of ore bodies and fuels. The theory and application to mineral exploration of the physical and chemical properties of rocks. The principles guiding the testing and sampling of a mineral deposit. The economic factors and legislation governing exploration and testing.

PRACTICAL WORK: Three hours a week throughout the year on exercises relating to regional geological surveying and detailed geological mapping; geophysical and geochemical surveys; exploration drilling techniques and the interpretation of results of drilling, sampling, computation of reserves and property valuation.

Text-book:

McKinstry, H. E., *Mining geology* (Prentice-Hall).

Reference books:

Additional references will be given by the lecturer.

499. Honours Courses in Applied Science.

Candidates may choose one of Applied Chemistry, Primary Metallurgy, and Secondary 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.

SUBJECTS FOR THE DEGREE OF BACHELOR OF PHARMACY.

Note: Enrolments for the degree of Bachelor of Pharmacy will not be accepted in 1964.

FIRST YEAR.

201. General Mathematics.

221. General Physics.

231. Chemistry I.

269. Biology.

(For syllabuses see under Faculty of Science.)

SECOND YEAR.

236. Organic Chemistry II.

(For syllabuses see Faculty of Science.)

Pharmaceutical Chemistry I.

Pre-requisite subjects: Chemistry I, General Physics, General Mathematics, Biology. Candidates who have not completed Pharmaceutics I must take it concurrently with Pharmaceutical Chemistry I.

Inorganic Chemistry:

The systematic study of inorganic compounds of medicinal importance, the quantitative analysis of these substances using acid/base titrations, oxidation/reduction reactions, complexometric titrations and precipitation reactions; the detection of impurities in these substances.

Physical Chemistry:

Introduction to thermodynamics, thermochemistry, electrochemistry; reaction kinetics: — rates and orders of reactions, the influence of factors such as temperature and pH on reaction rates; catalysis: — enzymes, rate study.

Biochemistry:

Sugars, polysaccharides, lipids, proteins, purines, pyrimidines, nucleotides and nucleic acids, biological oxidations, preservation and transfer of energy, energy-yielding metabolic pathways, biosynthetic pathways.

Practical work:

Four hours a week for two terms and six hours for one term.

The quantitative analysis of selected inorganic and organic substances of the British Pharmacopoeia, the limit tests of the British Pharmacopoeia.

Pharmaceutics I.

Pre-requisite subjects: Chemistry I, General PhPhysics, General Mathematics, Biology. Candidates who have not completed Pharmaceutical Chemistry I must take it concurrently with Pharmaceutics I.

Introduction to the History of Pharmacy:

History of Pharmacy to circa 1800 A.D.

Dispensing:

Consideration of dosage forms; the preparation, stabilisation; packaging and storing of: fluid dispersions of soluble and insoluble substances, drugs in powder or granular form, preparations formed by moulding or compression, semi-solid preparations for topical application.

Pharmacy:

Solvents—polar, non-polar, semi-polar, solubility of gases in liquids, liquids in liquids and solids in liquids, determination of solubility, colligative properties, solubility of slightly soluble electrolytes, solubility of weak electrolytes and effect of pH, influence of solvents on drug solubility, distribution of solutes between immiscible solvents. Colloid state, preparation and purification of colloidal systems, properties of colloidal systems, stability of colloidal systems. Interfacial phenomena, gas/liquid, liquid/liquid, liquid/solid and gas/solid interfaces, isotherms, evaluation of adsorbents, evaluation of particle size. Surface active agents, chemical nature and physical properties, exploitation in wetting, detergency, solubilisation, foams, anti-foaming agents, emulsification—theories of emulsification. Unit operations and processes: dependent upon heat transfer-drying, evaporation, distillation; the estimation of particle size-classification and particle size evaluation; filtration, sedimentation, centrifugation.

Microbiology:

Historical introduction and the development of microbiological method, anatomy of the bacterial cell, yeast and pathogenic fungi; major group of bacteria and yeast, morphology and physiology; rickettsiae and viruses. Factors affecting the growth and death of bacteria, nutritional requirements, cultivation, isolation, sterilisation, bacteriostatic and bactericidal agents. Host-parasite relationship, infection, resistance, immunity. Hypersensitivity and allergy.

Practical:

Six hours a week for a year.

Exercises in dispensing and the preparation of selected pharmaceuticals from official formularies; experiments illustrative of the physico-chemical aspects of the pharmacy lectures; practical exercises illustrative of the microbiology course.

Pharmacognosy.

Pre-laboratory Lectures and Practical Work: 18 hours.

The macroscopy and microscopy of selected drugs and the performance of chemical and micro-chemical tests on these drugs.

THIRD YEAR.**Pharmaceutical Chemistry II.**

Pre-requisite subjects: Organic Chemistry II, Pharmaceutical Chemistry I, Pharmaceutics I.

Candidates who have not completed Pharmaceutics II must take it concurrently with Pharmaceutical Chemistry II.

Organic Chemistry:

The synthesis and/or the biogenesis of drugs within each of the following groups with particular regard to the physical and chemical properties of importance in pharmaceutical formulation and in analytical techniques. Synthetic heterocyclics; isoprenoids, terpenes and related compounds and cartenoids; steroids; auxins; alkaloids; vitamins; porphyrins and soluble plant pigments.

The relationship between physical and chemical structure and biological activity.

Pharmaceutical Analysis:

Including polarography, potentiometry, conductometric analysis, colorimetry, absorptiometry, spectrophotometry, adsorption and partition chromatography, ion-exchange, titrations in non-aqueous media, alkaloidal assay, gravimetric procedures.

Practical:

Six hours a week for two terms and nine hours a week for one term.

The qualitative and quantitative analysis of pharmaceutical substances and preparations illustrative of lecture material. Joint practical exercises with Pharmaceutics II dealing with formulation problems such as drug stability and drug release.

Pharmaceutics II.

Pre-requisite subjects: Organic Chemistry II, Pharmaceutical Chemistry I, Pharmaceutics I.

Candidates who have not completed Pharmaceutical Chemistry II must take it concurrently with Pharmaceutics II.

Viscosity, anomalous viscosity, the rheology of emulsions, suspensions and semi-solid dispersions. Complexation—metallic complexes, molecular organic complexes, protein binding; complexation and drug action. Kinetics of drug stability; kinetics of drug absorption and the principles underlying sustained release formulation. Radioactivity—the measurement and application of radio-active tracer methods.

The principles underlying the extraction of the active constituents of crude drugs, animal tissues and body fluids. Enzymes of pharmaceutical importance.

Sterilisation methods, the preparation of parenterals, ophthalmic solutions, irrigations, the sterilisation of surgical dressings, ligatures, sutures, instruments. Aseptic methods of compounding and distribution. Sterility tests. The evaluation of bacteriostatics and bactericides—the dynamics of disinfection. Industrial fermentation processes of pharmaceutical interest with particular reference to the production of antibiotics. Micro-organisms in biological assay. The preparation of immunological and diagnostic agents, criteria and methods of assay. The modes of action of certain groups of antimicrobial agents; synergism and drug resistance.

Practical:

Nine hours a week for one year.

Exercises in dispensing and pharmaceutical formulation; experiments with systems exhibiting anomalous viscosity, emulsifying systems and their evaluation, the determination of particle size, diffusion from topical applications, the preparation of compressed tablets and their evaluation.

The production of sterile preparations for parenteral and ophthalmic use, involving the autoclave, chemical agents, filtration through a bacteria-proof filter, aseptic compounding and distribution, sterility tests. Evaluation of bacteriostatics and bactericides. Joint practical exercises detailed in Pharmaceutical Chemistry II.

Physiology and Pharmacology.

Pre-requisite subjects: Pharmaceutical Chemistry I.

Fifty-four lectures; practical three hours a week for two terms. The course will comprise approximately half physiology and half pharmacology.

Physiology will comprise the function of the principal mammalian tissues together with the hormonal and neural integration of the organism. The practical is based on mammalian material and illustrates basic physiological principles.

In pharmacology, emphasis will be placed on the following topics: biological variation in response to drugs and principles of biological assay; physico-chemical factors in drug action; mechanisms of actions of drugs in common clinical use. Practical work will illustrate aspects of these topics.

Forensic Pharmacy and Pharmaceutical Practice.

Forensic Pharmacy; National Health Act; pharmaceutical practice; commercial pharmacy and book-keeping; veterinary pharmacy; public health; International, British and Australian pharmacy.

MEMORANDUM FOR THE RECORD
SUBJECT: TIME TABLES FOR 1964

**TIME TABLES
FOR 1964**

Line	Station	Time	Station	Time	Station	Time
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

TIME-TABLES
TIME-TABLES FOR 1964.
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
0	Elementary Greek	≠	≠	≠	≠	≠
1	Greek I	—	9	—	9	—
3	Greek II	11*	10	—	10, 11*	—
6	Greek III	—	10	—	10	—
11	Latin I	Day Night	11† —	11† —	— 5.15-7.15	11 —
13	Latin II	—	11**	12	—	11**, 12
16	Latin III	—	11***, 12**	12	12**	11***, 12
2	Ancient History	—	11	—	11	—
7	Comparative Philology	5.15	—	—	5.15	—
21	English I	Day Night	— 12	— 5.15	— —	— 5.15
23	English II	Odd Years Even Years	— 11	— —	— —	5.15 11
26	English III	Odd Years Even Years	— 5.15	11 5.15	— —	11 5.15
25, 28	Old and Middle English I and II ..	≠	≠	≠	≠	≠
31	French I	Day Night	— 6.15	10 6.15	10 —	10 6.15
33	French II	10	—	—	10	—
36	French III	—	9	—	—	9
35, 38	Old and Middle French I and II ..	≠	≠	≠	≠	≠
42	German IA	2	9	9	9	9
41	German I	12, 2	—	10	—	—
43	German II	Day Evening	— 6.15-8.15	10 —	11 6.15	— —
46	German III	9	—	9	9	—
45	German IIB	12	—	—	—	10
48	German IIIB	11	—	10	12	—
40	Science German	—	9	—	9	—
50	History IA	12†, 4.15†	—	—	12†, 4.15†	—
51	History IB	9	—	9	—	—
52	History IC	3	—	—	3	—
53	History IIA	—	—	12	—	12, 3.15*
54	History IIB	6.15	—	—	6.15	—
56	History IIIA	5.15	—	—	5.15	—
57	History IIIB	4.15	—	—	4.15	—
61	Politics I	Odd Years Even Years	— 6.15	9 —	— —	9 6.15
63	Politics IIA	Odd Years Even Years	6.15 9	— —	6.15 —	— —
64	Politics IIB	Odd Years Even Years	9 6.15	— —	9 6.15	— —
66	Politics IIIA	Odd Years Even Years	10 5.15	— —	10 5.15	— —
67	Politics IIIB	Odd Years Even Years	— 10	5.15 —	— —	5.15 10
71	Philosophy I	Day Night	11 —	— 5.15	— —	11 5.15
73	Philosophy II	5.15	5.15	—	—	5.15
76	Philosophy IIIA	6.15	6.15	6.15	—	—
77	Philosophy IIIB	≠	≠	≠	≠	≠
82	Psychology IA	10†, 5.15†	—	—	10†, 5.15†	—
81	Psychology I	10†, 5.15†	—	—	10†, 5.15†	—
	Laboratory	≠	≠	≠	≠	≠

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.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
83	Psychology IIA—Lectures	4.15	—	5.15	—	—
	Odd Years	11	2	—	—	—
	Even Years	—	—	—	—	4.15
	Psychometrics	—	—	—	—	—
	Laboratory—Odd Years	—	—	—	4.15-7.45†‡	—
	Even Years	—	—	—	9-12	—
84	Psychology IIB—Lectures	11	2	—	—	—
	Odd Years	4.15	—	5.15	—	—
	Even Years	—	—	—	—	4.15
	Psychometrics	—	—	—	—	—
	Laboratory—Odd Years	—	—	—	9-12	—
	Even Years	—	—	—	4.15-7.45†‡	—
86	Psychology IMA—Lectures	—	3.15	2	—	—
	Odd Years	5.15	—	4.15	—	—
	Even Years	—	—	—	—	4.15
	Psychometrics	—	—	—	—	—
	Laboratory—Odd Years	—	—	10-12	2.15-4.15	—
	Even Years	—	4.15-6.15	—	4.15-6.15	—
87	Psychology IIIB—Lectures	5.15	—	4.15	—	—
	Odd Years	—	3.15	2	—	—
	Even Years	—	—	—	—	4.15
	Psychometrics	—	—	—	—	—
	Laboratory—Odd Years	—	4.15-6.15	—	4.15-6.15	—
	Even Years	—	—	10-12	2.15-4.15	—
91	Geography I —Lectures	—	11	—	11	—
	Day	5.15	—	5.15	—	—
	Night	—	—	—	—	—
	Practical (one hour)	≠	≠	≠	≠	≠
	Geography II—Lectures	4.15	—	4.15	—	4.15
	Even Years	10	—	10	—	10
	Practical*	—	—	—	—	Sat. 9-11
	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical*	—	—	4.15-6.15	—	—
92	Economic Geography	—	9	—	9	—
	Even Years	—	—	5.15	—	5.15
101	Education	—	2	—	—	—
	Day	—	5	—	—	—
102	Night	—	—	—	—	—
	Educational Psychology IA	≠	≠	≠	≠	≠
105	Hygiene	9†	—	—	—	6.15†
106, 107	Principles of Pre-Primary Education	—	—	—	—	—
108	I, II, and III	≠	≠	≠	≠	≠
109, 110	Principles of Primary Education I, II,	—	—	—	—	—
111	and III	≠	≠	≠	≠	≠
112, 113	Principles of Secondary Education I,	—	—	—	—	—
114	II, and III	≠	≠	≠	≠	≠
116	Educational Psychology I	≠	≠	≠	≠	≠
117	Educational Psychology II	—	—	4.30	—	—
121	Theory of Education I—	—	—	—	—	—
	(Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 9.30
	History of Education I	—	—	—	—	—
	(Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 10.45
123	Sociology of Education I	≠	≠	≠	≠	≠
124	Educational Psychology I (New)	≠	≠	≠	≠	≠
131	Theory of Education II	4.45	—	—	—	—
132	History of Education II	4.45	—	—	—	—
133	Sociology of Education II	—	—	—	—	4.45
134	Educational Psychology II (New)	—	—	—	—	4.45
135	Comparative Education	4.45	—	—	—	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.
 † First and Second Terms only.
 ‡ Alternatives.
 ≠ Times to be arranged.
 † Includes † hour meal break.

FACULTY OF ECONOMICS

EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
170	Social Economics	5.15	—	—	5.15	—
171	Economics I	5.15	—	—	5.15	—
173	Economics II	—	—	10	—	10
176	Economics III—	—	—	5.15	—	5.15
	Part A	—	—	—	—	—
	Part B (Public Finance)	5.15	—	—	—	—
	Part C (Economics of Labour)	—	5.15	—	—	—
	Part D (Agricultural Economics)	≠	≠	≠	≠	≠
184	Economic Development I	—	—	6.15	6.15	—
187	Economic Development II	—	11	—	—	11
180	Agricultural Economics	—	—	9	9	—
178	Economic Theory	—	2.15	—	2.15	—
179	Honours Economics	≠	≠	≠	≠	≠
181	Mathematics (Economics)	—	9	—	9	—
183	Economic Statistics I	—	—	12	—	12
186	Economic Statistics II	≠	≠	≠	≠	≠
404	Economics (Engineering)	—	—	11	11	—
174	Public Finance	5.15	—	—	—	—
191	Elements of Accounting	—	12	—	12	—
193	Management Accounting	—	5.15	—	5.15	—
194	Financial Accounting	12	—	—	12	—
196	Accounting (Business Management)	—	10	—	10	—
192	Commercial Law A	—	—	5.15	—	5.15
195	Commercial Law B	—	5.15	—	5.15	—
92	Economic Geography	—	9	—	9	—

ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
170	Social Economics	—	—	12	—	12
171	Economics I	—	—	12	—	12
173	Economics II	—	—	5.15	—	5.15
176	Economics III—	—	—	10	—	10
	Part A	—	—	—	9	—
	Part B (Public Finance)	—	10	—	—	—
	Part C (Economics of Labour)	—	—	—	—	—
	Part D (Agricultural Economics)	10	—	—	10	—
184	Economic Development I	—	10	—	—	—
187	Economic Development II	5.15	—	5.15	—	—
180	Agricultural Economics	—	—	9	9	—
178	Economic Theory	—	2.15	—	2.15	—
179	Honours Economics	≠	≠	≠	≠	≠
181	Mathematics (Economics)	—	—	5.15	—	5.15
183	Economic Statistics I	5.15	—	—	5.15	—
186	Economic Statistics II	≠	≠	≠	≠	≠
404	Economics (Engineering)	—	—	11	11	—
174	Public Finance	—	—	—	9	—
191	Elements of Accounting	—	5.15	—	5.15	—
193	Management Accounting	—	12	—	12	—
194	Financial Accounting	—	5.15	—	5.15	—
196	Accounting (Business Management)	—	10	—	10	—
192	Commercial Law A	8.45 a.m.	—	8.45 a.m.	—	—
195	Commercial Law B	—	—	5.15	—	5.15
92	Economic Geography	—	7.15	—	—	7.15

Times for tutorial classes will be arranged at commencement of lectures.
 ≠ Times to be arranged. (A) and (B) are alternatives.

TIME-TABLES FOR 1964.
FACULTIES OF ARTS, SCIENCE AND ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
11	Latin I	5.15-6.15	—	—	5.15-7.15	—
7	Comparative Philology	5.15	—	—	5.15	—
21	English I	—	5.15	—	—	5.15
26	English III	—	5.15	5.15	—	5.15
31	French I	—	6.15	6.15	—	6.15
43	German II	6.15-8.15	—	6.15	—	—
50	History IA	4.15	—	—	4.15	—
54	History IIB	6.15	—	—	6.15	—
56	History IIIA	5.15	—	—	5.15	—
57	History IIIB	4.15	—	—	4.15	—
61	Politics I	—	6.15	—	—	6.15
64	Politics IIB	6.15	—	—	6.15	—
66	Politics IIIA	5.15	—	—	5.15	—
71	Philosophy I	—	5.15	—	—	5.15
73	Philosophy II	5.15	5.15	—	—	—
76	Philosophy IIIA	6.15	6.15	6.15	—	—
82	Psychology IA	5.15	—	—	5.15	—
81	Psychology I	5.15	—	—	5.15	—
	Laboratory	—	≠	—	—	≠
84	Psychology IIB—Lectures	4.15	—	5.15	—	—
	Psychometrics	—	—	—	—	4.15
	Laboratory	—	—	—	4.15-7.15 ¶†	—
86	Psychology IIIA—Lectures	5.15	—	4.15	—	—
	Psychometrics	—	—	—	—	4.15
	Laboratory	—	4.15-6.15	—	4.15-6.15	—
91	Geography I—Lectures	5.15	—	5.15	—	—
	Practical (one hour)	—	≠	—	≠	—
93	Geography II—Lectures	4.15	—	4.15	—	4.15
	Practical††	—	—	—	—	Sat. 9-11
96	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical††	—	—	4.15-6.15	—	—
101	Education	—	5	—	—	—
105	Hygiene	—	—	—	—	6.15
117	Educational Psychology II	—	—	4.30	—	—
131	Theory of Education II	4.45	—	—	—	—
132	History of Education II	4.45	—	—	—	—
133	Sociology of Education II	—	—	—	—	4.45
134	Educational Psychology II (New)	—	—	—	—	4.45
135	Comparative Education	4.45	—	—	—	—
170	Social Economics	5.15	—	—	5.15	—
171	Economics I	5.15	—	—	5.15	—
174	Public Finance	5.15	—	—	—	—
176	Economics III	—	—	—	—	—
	Part A	—	—	5.15	—	5.15
	Part B (Public Finance)	5.15	—	—	—	—
	Part C (Economics of Labour)	—	5.15	—	—	—
	Part D (Agricultural Economics)	≠	—	≠	≠	≠
184	Economic Development I	—	—	6.15	6.15	—
192	Commercial Law A	—	—	5.15	—	5.15
193	Management Accounting	—	5.15	—	5.15	—
195	Commercial Law B	—	5.15	—	5.15	—
201††	General Mathematics—(Evening Class)	—	—	—	—	—
221	General Physics <i>and</i>	—	—	—	—	—
222	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	—	6.15-8.15†	—	6.15-8.15†	—
270	Biology—Lectures	—	6.15	—	6.15	—
	Practical	—	7.30-10	—	7.30-10	—

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 the work in Organic Chemistry.

††Other hours to be arranged.

‡Includes 30 minute meal break.

‡‡Evening Lectures in General Mathematics are not provided by the University. Students wishing to attend evening classes at the S.A. Institute of Technology must enrol at the Institute.

†Alternatives.

≠Times to be arranged.

¶ First and Second terms only.

FACULTY OF SCIENCE

N.B. The Heads of Departments concerned will allocate students to appropriate classes for which more than one session is provided.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS						
201†	General Mathematics and					
202	Mathematics I—Lectures	10(A)	—	10(A)	—	10(A)
		2(B)	—	2(B)	—	2(B)
	Tutorial (2 hours)	11-1	—	11-1	—	11-1
		3-5	—	3-5	—	3-5
221	General Physics and					
222	Physics I—Lectures	9(A)	—	9(A)	—	9(A)
		5.15(B)	—	5.15(B)	—	5.15(B)
	Tutorial (1 hour)	—	—	11, 3	—	—
	Practical (3 hours)	10-1	10-1	—	2-5	10-1
231	Chemistry I—Lectures	9(A)	—	9(A)	—	9(A)
		5.15(B)	—	5.15(B)	—	5.15(B)
	Practical	10-1(A)	10-1(B)	—	10-1(B)	10-1(A)
		2-5(D)	2-5(C)	—	2-5(C)	2-5(D)
251	Geology I—Lectures	—	9(A)	—	9(A)	—
		—	5.15(B)	—	5.15(B)	—
	*Tutorial (1 hour)	—	—	12, 2, 3, 4	10	—
	Practical (3 hours)	—	10-1, 2-5	—	10-1	10-1
261	Botany I—Lectures	—	9	—	9	—
	Practical	—	10-1	—	10-1	—
	*Tutorial (1hr. a fortnight)	10 (A)	—	10 (B)	—	10(C)
270	Biology—Lectures	—	9(A)	—	9(A)	—
		—	6.15(B)	—	6.15(B)	—
	Practical	10-1(A)	—	—	—	10-1(A)
		2-5(B)	7.30-10(C)	—	7.30-10(C)	2-5(B)
271	Zoology I—Lectures	—	5.15	—	5.15	—
	Practical	—	2-5	—	2-5	—
SECOND-YEAR SUBJECTS						
203	Mathematics II—Lectures	9	—	9	—	9
	Tutorial	—	9(A)	—	9(B)	—
204	Pure Mathematics II—Lectures	9	—	9	—	9
	Tutorial	—	9(A)	—	9(B)	—
205	Applied Mathematics II—Lectures	12	—	12	—	12
	Tutorial	—	10(A)	—	10(B)	—
214	Mathematical Statistics I—Lectures	11	—	11	—	11
	Tutorial (1 hour)	≠	≠	≠	≠	≠
223	Physics II—Lectures	10	—	10	—	10
	Practical	2-5(A)	10-1(A)	—	10-1(B)	2-5(B)
233	Physical and Inorganic Chemistry II					
	Lectures	12	—	12	—	12
	Practical	—	10-5(A)	—	10-5(B)	—
	Tutorial	—	—	4	—	—
244	Chemistry II—Lectures	12	—	12	—	12
	Practical	—	—	9-12, 2-5	—	—
243	Organic Chemistry II—Lectures	11	—	11	—	11
	Practical	—	10-5(A)	—	10-5(B)	—
253	Geology II —Lectures	11	—	11	—	11
	Practical	2-4	—	2-4	—	2-4
263	Botany II—Lectures	11	—	—	—	10**, 11
	Practical	2-4(A)**	2-5	9-11(B)**	2-5	—
273	Zoology II—Lectures	—	12	—	12	10**
	Practical	2-4(A)**	9-12	9-11(B)**	9-12	—
284	Cell Physiology—Lectures	9	—	9	—	9
	Practical	2-5	—	—	—	2-5
333	Physiology I—Lectures	10	—	10	—	—
	Practical	—	—	2-5	2-5	—
293	Genetics I—Part A Lectures	10	—	—	—	—
	Practical	—	—	2-4(A)	—	2-4(B)
	Part B Lectures	—	—	—	—	10
	Practical	2-4(A)	—	9-11(B)	—	—
313	Psychology I (S)					
	¶Lectures	4.15	≠	5.15	≠	≠
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Laboratory (5 hours)	≠	≠	≠	≠	≠

(A), (B), (C) and (D) are alternatives.

*Other tutorial times will be arranged as required.

**First term only of Quantitative Biology, Part B of Genetics I. ≠ Times to be arranged

† Evening lectures in General Mathematics are not provided by the University. Students who wish to attend the evening classes at the S.A. Institute of Technology must enrol at the Institute of Technology.

¶One additional lecture will be held each week at a time to be arranged.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
THIRD-YEAR SUBJECTS						
206	Pure Mathematics III—Lectures ..	9, 10	—	9, 10	—	—
	Tutorial ..	—	—	—	—	10
207	Applied Mathematics III—Lectures ..	—	9, 10	—	9, 10	—
	Tutorial ..	—	—	—	—	9
216	Mathematical Statistics II—Lectures ..	11	—	11	11	11
	Tutorial (1 hour) ..	—	11	—	—	—
226, 228	Physics III and Physics IIIH—Lectures ..	4	12	—	12	4
	Practical (9 hours) ..	all day	—	all day	all day	—
217	Mathematical Physics A—Lectures ..	9	9, 10	9	9, 10	—
	Tutorial ..	—	—	—	—	9
218	Mathematical Physics B—Lectures ..	9, 4	12	9	12	4
	Practical ..	—	—	—	all day	—
237	Physical and Inorganic Chemistry III—Lectures ..	—	9	—	9	12
	Practical (12 hours) ..	all day(A)	all day(A)	—	all day(B)	all day(B)
246	Organic Chemistry III—Lectures ..	9	—	9	—	9
	Practical (12 hours) ..	all day(A)	all day(A)	—	all day(B)	all day(B)
256	Geology III—Lectures*	9	10	9	10	9
	Practical (12 hours) ..	≠	≠	≠	≠	≠
257	Palaentology—Lectures ..	≠	≠	≠	≠	≠
	Practical ..	≠	≠	≠	≠	≠
266	‡Botany III—Lectures ..	10	—	10	—	10
	Practical (12 hours) ..	—	all day†	—	all day	—
276	Zoology III—Lectures ..	9	—	9	—	9
	Practical ..	2-5	3-5**	—	—	all day
286	Biochemistry—Lectures ..	12	—	12	—	12
	Tutorial (1 hour) ..	≠	≠	≠	≠	≠
	Practical (10 hours) ..	9-12, 2-5	—	9-12, 2-5	—	—
336	Physiology II—Lectures ..	11	—	11	—	11
	Practical ..	—	2-5	—	all day	—
306	Microbiology—Lectures ..	—	9	—	9	—
	Tutorial ..	≠	≠	≠	≠	≠
	Practical (10 hours) ..	—	9-1, 2-5	—	9-1, 2-5	—
296	Genetics II—Lectures ..	9	—	9	—	9
	Practical (9 hours) ..	≠	≠	≠	≠	≠
316	Psychology II (S) ..	≠	≠	≠	≠	≠
326	Histology—Lectures ..	—	9	—	9	12
	Practical (10 hours) ..	—	All day	All day	—	—
FOR HONOURS AND POSTGRADUATE STUDENTS						
40	Science German ..	≠	9	≠	9	≠

(A) and (B) are alternatives.

≠Times to be arranged.

*One of these periods will be a tutorial class.

**Genetics and Evolution—Second term only.

†Includes the course in Genetics and Evolution 2-5 p.m. in Second term only.

‡Includes Mycology (given at Waite Institute).

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	— — —	— 2-5 —	— — 9	— 2-5 —	— — 9
232	Chemistry IA—Lectures Practical	— —	— 9	— —	— 9	— —
471	Graphics—Lectures Practical (3 hrs.)	— —	— 11	— —	— 2-5	— —
420	General Engineering—Lectures	—	—	—	—	—
966	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						
406	Mechanics—Lectures Tutorial (1 hr.)	— —	9 —	— —	9 11	— 9
213	Mathematics I (Engineering)— Lectures Tutorial (2 hr.)	— 12 —	— — —	— 12 —	— — 11-1	— 12 9-11
411	Physics A (Engineering)— Lectures Practical (3 hrs.)	— — —	— 2-5 —	— — —	— 2-5 —	— — —
234	Chemistry IIA—Lectures Practical	— 2-5	— 10	— 9	— —	— 2-5
471	Graphics—Lectures Practical (3 hrs.)	— —	— 11	— —	— 2-5	— 2-5
420	General Engineering—Lectures	—	—	—	—	—
966	Workshop Practice—Lectures Practical	— 1.30-4.30	— 1.30-4.30	— —	— 1.30-4.30	— 1.30-4.30
986	Engineering Materials—Lectures Practical	— 9	— —	— 10 2-4	— — —	— — —
THIRD YEAR COURSES						
251	Geology I (B.Sc.)—Lectures Practical (3 hrs.) Tutorial (1 hr.)	— 10-1 —	9 2-5 —	— — 10, 2, 4	9 — —	— — —
406	Mechanics—Lectures Tutorial	— —	9 —	— —	9 11	— —
407	Mathematics II (Engineering)— Lectures Tutorial (1 hr.)	— 12 —	— — 12	— — 12	— — 12	— 12 —
412	Chemistry IIB—Lectures	—	—	—	—	—
414	Geology I (Engineering)— Lectures Practical Tutorial	— — — —	9 — — —	— — 10-12 9	9 — — —	— — — —
432	Strength of Materials—Lectures Practical (3 hrs.)	— —	— 10	— —	— 10	— 2-5
433	Surveying A—Lectures Practical	— 2-5	— —	— —	— —	— 9
441	Electrical Engineering I—Lectures Practical Tutorial	— 11 —	— 9 2-5 11	— — 9-12 —	— 9 — 11	— 11 — —
440	Electrical Engineering S— Lectures Practical (3 hrs.)	— — —	— 11 —	— — 2-5	— 11 2-5	— — —
481	Process Engineering I—Lectures	—	—	—	—	9

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
472	Engineering Drawing and Design— Lectures	—	—	—	—	10
	Practical (3 hrs.)	9-12	—	—	—	2-5
475	Production Technology—Lectures ..	—	—	9	—	—
	Practical	—	2-5	—	—	—
986	Engineering Materials—Lectures ..	9	—	10	—	—
	Practical	—	—	2-4	—	—
FOURTH YEAR COURSES						
Economics (Engineering)—						
404	Lectures	—	—	11	11	—
	Tutorial (1 hr.)	≠	≠	≠	≠	≠
408	Mathematics III (Engineering)— Lectures	—	—	9	—	9
	Tutorial	—	—	—	—	12
415	Geology IIA†—Lectures	9	—	9	—	9
	Practical	—	—	—	9-1	—
416	Mining Geology***—Lectures ..	—	—	9	—	9
	Practical	—	—	—	9-1	—
421	Civil Engineering I—Lectures ..	—	9	10	—	—
	Practical	2-5	—	—	2-5	—
422	Civil Engineering S—Lectures ..	—	11	—	—	11
	Practical	—	—	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	—	9, 12	10	9	—
	Practical	9-1, 2-5	—	—	—	—
	Tutorial	—	—	12	—	—
440	Electrical Engineering S—Lectures	—	11	—	11	—
	Practical	—	—	2-5	—	—
446	Electronics—Lectures	—	9	—	—	—
	Practical	—	—	—	—	2-5††
461	Mechanical Engineering IA— Lectures	—	10	12	9†	—
	Practical	10-1	2-5*	—	—	—
462	Mechanical Engineering IB— Lectures	9*	12††	10	—	—
	Practical	2-5	—	—	—	—
466	Mechanical Engineering II S (C) Lectures	—	10	—	—	10
	Practical	—	2-5	—	—	—
467	Mechanical Engineering II S (E) Lectures	—	—	—	10†	10††
	Practical	—	2-5††	—	—	—
468	Mechanical Engineering S (Ch)— Lectures	—	10	—	—	10*
	Practical	—	2-5†	—	—	—
483	Process Engineering IIA—Lectures	12	—	—	12	—
	Practical	2-5	—	—	—	—
	Tutorial	—	—	—	—	11-1
484	Process Engineering IIB—Lectures ..	—	—	—	10	—
	Practical	—	—	—	—	2-5
485	Process Engineering IIC—Lectures	11	—	9	—	—
	Practical	9	—	—	—	—
	Tutorial	—	—	10-1	—	—
486	Process Engineering IID—Lectures	10	—	—	—	—
	Practical	≠	≠	≠	≠	≠
	Tutorial	—	—	—	2-5	—
450	Mining Engineering I—Lectures ..	11	12	—	—	—
	Practical	—	—	10-1	—	—
FIFTH YEAR COURSES						
477	Engineering Management—Lectures	—	10	—	10	12
	Tutorial	—	—	—	11	—

Timetable for other subjects 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
General Physics
Botany
Zoology

} See Faculty of Science

SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I—Lecture	—	—	—	11	—
	Practical	—	—	—	12	—
283	Chemistry II—Lectures	12	—	12	—	12
	Practical	—	—	9-12, 2-5	—	—
367	Botany IIB—Lectures	9	—	—	—	9
	Practical	—	2-5	—	2-5	—
251	Geology I—Lectures	—	9	—	9	—
	Practical	—	10-1	—	—	—
	Tutorial	—	—	—	10	—
393	Genetics IA—Lecture	10	—	—	—	—
	Practical	—	—	—	—	2-4

THIRD YEAR

(All subjects are taken at the Waite Institute except on Wednesdays.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
362	Agriculture II	—	—	—	—	9-1
351	Agricultural Biochemistry I	—	—	—	9-1	—
354	Soil Science I	—	9-1	—	—	—
390	Biometry (2nd Term)	12	—	—	2-4	—
360	Agricultural Botany (2nd and 3rd Terms)	9-12	—	—	—	—
380	Agricultural Microbiology (1st term)	—	2-5	—	—	2-5
374	Entomology I (2nd and 3rd terms)	—	2-5	—	—	—
381	Plant Pathology I (2nd and 3rd terms)	2-5	—	—	—	—
365	Animal Husbandry I	—	—	—	—	—
391	Farm Engineering	—	—	—	—	—
	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.

The time-table for fourth-year subjects will be drawn up when students' options have been determined. Students are advised to consult the Heads of Departments in which subjects they wish to specialise.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
180	Agricultural Economics					
363	Agriculture III—Lectures					
	Practical					
364	Agronomy					
394	Horticulture					
296	Genetics II—Lectures					
	Practical					
353	Agricultural Biochemistry II					
368	Plant Breeding					
376	Entomology II					
366	Animal Husbandry II					
382	Plant Pathology II					
356	Soil Science II					

DIPLOMA IN PHYSIOTHERAPY

FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy I	Anatomy I (Histology)*		Anatomy I (Histology)*	Anatomy I**
10	Psychology IA			Psychology IA	Anatomy I* (Histology Practical) (10-12)
11	Anatomy I (Embryology)**	Anatomy I (Histology)		Anatomy I (Histology)	
12					Anatomy I (Embryology)*
1			Movement I††		
2	Physics	Anatomy I (Histology)* (Neurology) (Practical)†† (2-4)	Physiology ††	Anatomy I (Histology) (Practical)* (2-4)	Treatment I† (Practical) (half the Class)
3				Movement I	Treatment I† (Practical) (half the Class)
4	Treatment I (Theory)	Physiology*		Physiology *	

*First and Second Terms.

**First Term only.

†Second and Third Terms.

††Third Term only.

SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hospital Work I**	Practice of Hospital Work I**	Practice of Hospital Work I**	Practice of Hospital Work I**	Pathology
10		Anatomy II (Neurology) (1½ Terms)		Anatomy II (Neurology) (1½ Terms)	
11		Treatment II (Theory)		Treatment II (Theory)	
12	Anatomy II				Anatomy II
1	Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)	Movement II† (Theory)	Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)		Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)
2				Electrotherapy I (Theory)	
3		Treatment II (Practical)		Electrotherapy I (Practical)	
4		Movement II† (Practical)		Movement II (Theory)	

† First Term

**Second or Third Term.

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)
2		Movement III (Neuro-muscular re-education)		Movement III (Neuro-muscular re-education)	
3		Treatment III		Treatment III	
4				Electrotherapy II	
4.30		Treatment III			

NOTE: Practical work at the Hospitals begins on February 1. Students are divided into three groups. They work at the R.A.H. for 16 weeks, at the A.C.H. for 8 weeks and at the Q.E.H. for 8 weeks.

FACULTY OF MEDICINE

FIRST-YEAR COURSE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
270	Biology—Lectures	—	9	—	9	—
	Practical (5 hours)	—	—	9-12, 3-5	—	—
511	Physics—Lectures	12	—	12	—	12
	Tutorial	—	10	—	—	—
	Practical (3 hours)	—	—	—	10-1	—
512	Chemistry—Lectures	—	2	2	—	2
	Practical (3 hrs.)	—	—	—	—	9-12
514	Medicine and the Humanities—					
	Lectures	3*	12***	—	—	3
	Tutorials	≠	≠	≠	≠	≠

* 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	
140	Social Work II (Old)	5.15-7.15* (A)	5.15-7.15* (B)	—	—	—	
		—	12**	—	12**	—	
141	Social Work III (Old)—Lectures	2-4	2-4	—	2-4	—	
	Field Work	9-1	9-1	9-1	9-1	9-1	
142	Social Organisation (Old)	4.15	—	5.15	—	—	
144	Sociology	—	—	2-15	—	2.15	
321	Human Biology	—	4	—	4	—	
145	Social Work I (New)	—	12	—	12	—	
147	Social Work II (New)—Lectures ..	2-4	2-4	—	2-4	2-4	
	Field Work	9-1	9-1	9-1	9-1	9-1	
146	Social Organisation (New)	4-15	—	2.15, 5.15	—	—	
143	Field Work (A)— Second Year	8 continuous weeks after annual examinations					—
	Third Year	12 continuous weeks after annual examinations					—
148	Field Work (B)— Graduates	26 continuous weeks after annual examinations					—

(A) and (B) are alternatives. *First Term only. **Second and third Terms
For subjects in the Faculties of Arts, Economics and Science see Faculty time tables.

FACULTY OF DENTISTRY

FIRST-YEAR COURSE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
511	Physics—Lectures	12	—	12	—	12
	Tutorial	—	10	—	—	—
	Practical (3 hours)	2-5	—	—	—	—
512	Chemistry—Lectures	—	2	2	—	2
	Practical (3 hours)	—	—	—	—	9-12
270	Biology—Lectures	—	9	—	9	—
	Practical	—	—	9-12	—	—
	(5 hours)	—	—	3-5	—	—

DIPLOMA IN PHARMACY

FIRST YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
661	Inorganic Chemistry—	1	12	—	—	10	—
	Lectures	2, 3	—	—	—	10	—
	Practical	All	9-12	—	—	—	—
662	Theoretical Inorganic	1	—	—	—	9	—
	Chemistry B.P. Salts ..	2, 3	12	—	—	—	—
		All	4	—	—	—	—
663	Elementary Pharmacy—	All	2	—	—	11	—
	Lectures	All	—	—	—	1-5 (A)	9-1 (B)
	Practical	All	—	—	—	—	2
664	History of Pharmacy	All	—	—	—	—	—
665	Surgical Dressings and	1	4	—	—	—	—
	Appliances	2, 3	5.30 (A)	—	—	—	5.30 (B)
	First Aid						

SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
671	Organic Chemistry—	All	3	—	3	—	—
	Lectures	All	9 (A)	—	9 (B)	—	—
	Practical						
672	Practical Pharmacy, Vol.	1, 2	4	—	4	—	—
	Analysis and Drug Assay I—	1, 2	9 (B)	—	9 (A)	—	—
	Lectures	All	—	6.15	—	6.15	—
270	Biology—Lectures	All	—	7.15-9.15	—	7.15-9.15	—
	Practical						

THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
681	Botany and Pharmacognosy..	All	10.30	—	—	—	—
			1.30	—	—	—	—
682	Commercial Pharmacy	All	8.45	—	—	—	—
683	Practical Pharmacy, Vol. Ana-	All	9.30	—	—	—	—
	lysis and Drug Assay II—		11.30	—	—	—	—
	Lectures	All	2.30-5.30	—	—	—	—
	Practical						

FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
691	Practical Pharmacy and Dis-	All	—	2	9, 12	—	—
	persing—Lectures	All	—	9-1	—	—	—
	Practical						
692	Forensic Pharmacy	2, 3	—	—	—	3	—
693	Pharmacy Organisation	1, 2	—	—	4	—	—
		2, 3	—	—	—	9	—
		All	—	4	—	4	—
694	Pure Pharmacology	All	—	—	—	9-12	—
695	Bacteriology	1 and part	—	—	—	12	—
		of 2	—	—	—	—	—
696	Nutrition	2, 3	—	—	—	10	—
697	Organic Medicinals	All	—	—	10	—	—
		part of 2	—	—	—	10	—
		and 3	—	—	—	—	—

(A) Group A.

(B) Group B.

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday			
740	Chief Prac. Study I								
743	Second Prac. Study I								
741	Chief Prac. Study II								
744	Second Prac. Study II								
742	Chief Prac. Study III								
745	Second Prac. Study III								
767	Speech Training I								
768	Speech Training II								
784	Concerto						Times to be arranged		
773	The Scope of School Music I ..								
774	The Scope of School Music II ..								
775	The Scope of School Music III ..								
770	Principles of Class Music Teaching I								
771	Principles of Class Music Teaching II								
772	Principles of Class Music Teaching III								
760	Modern Languages I	5.30 (Italian)	—	—	—	—			
761	Modern Languages II	—	5.30 (French)	—	—	—			
762	Modern Languages III	—	—	5.30 (German)	—	—			
776	Ensemble Playing I								
777	Ensemble Playing II								
746	Drama I						Times to be arranged		
747	Drama II								
748	Drama III								
751	Harmony I	3	—	1	—	—			
752	Harmony II	2	—	—	2	—			
753	Harmony III	9	—	9	—	—			
754	Harmony IV	—	9	—	—	—			
785	Counterpoint I	—	—	—	3	—			
786	Counterpoint II	10	—	—	—	—			
787	Counterpoint III	—	10	—	—	—			
783	Canon and Fugue	—	11	—	—	—			
755	History of Music I	4	—	4	—	—			
756	History of Music II	—	3	—	4	—			
757	History of Music III	—	—	4	—	3			
758	History of Music IV	—	—	10	—	—			
792	Literature of Music	☞	☞	☞	☞	☞			

☞ Times to be arranged

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
750	Form	5	—	—	—	—
796	Orchestration I	—	—	10	—	—
797	Orchestration II	—	11	—	—	—
795	Musical Criticism and Aesthetics	—	4	—	—	—
790	Essay I	11	—	—	—	—
791	Essay II	11	—	—	—	—
763	Practical Tests I	—	—	2	—	2
764	Practical Tests II	—	2	—	—	—
765	Practical Tests III	—	—	—	11	—
766	Practical Tests IV	—	—	11	—	—
781	Acoustics (1st Term only)	≠	≠	≠	≠	≠
780	Accompanying	—	—	—	12	—
794	Methods of Teaching	≠	≠	≠	≠	≠

≠ Times to be arranged.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
DEGREE OF BACHELOR OF ARCHITECTURE						
FIRST YEAR SUBJECTS:						
811	Building Construction I	9	—	—	—	—
	Mathematics—Lectures	10	—	10	—	10
	Tutorials (2 hours)	—	—	11-1	—	—
813	Building Science I—Lectures	—	—	—	10	—
	Laboratory	—	—	—	11-1	—
814	History of Architecture I	—	—	—	—	9
815	Architectural Design & Planning I	11	—	—	—	—
816	Architectural and Free Drawing	12	—	—	—	—
817	Studio Work I ††	—	—	—	—	—
SECOND YEAR SUBJECTS:						
821	Building Construction II	—	10	—	—	—
822	Structures I Lectures	—	—	11	—	—
	Tutorial	9	—	—	—	—
823	Building Science II—Lectures	10	—	—	—	—
	Laboratory	11-1	—	12†	—	—
823*	Building Science II (Sanitary Science)	—	—	12†*	—	—
824	History of Architecture II	—	12	—	—	—
825	Architectural Design & Planning II	—	11	—	—	—
826	Architectural Surveying—Lectures	—	—	9	—	—
	Practical	—	—	2-4	—	—
827	Studio Work II ††	—	—	—	—	—
THIRD YEAR SUBJECTS:						
831	Building Construction III	—	—	10	—	—
832	Structures II—Lecture	—	—	—	12	—
	Laboratory	—	11-1‡	—	—	—
833	Building Science III—Lectures	—	—	—	—	10
	Laboratory	—	—	—	—	11-1
834	Professional Practice I	—	—	12	—	—
	(Building Act)*	—	—	9*	—	—
835	Architectural Design & Planning III	—	—	11	—	—
837	Studio Work III ††	—	—	—	—	—
FOURTH YEAR SUBJECTS:						
841	Building Construction IV	—	—	—	9‡	—
842	Structures III—Lectures	—	—	—	—	10‡
	Laboratory	—	—	10-12‡	—	—
843	Building Science IV—Lectures	—	10‡	—	—	—
	Laboratory	—	11-1‡	—	—	—
844	Professional Practice II	—	—	—	—	11‡
	(Organization and Management)	—	—	—	—	12‡
846	Town and Regional Planning and Civic Design I	—	—	—	—	—
845	Architectural Design & Planning IV	—	—	—	12‡	—
847	Studio Work IV ††	—	—	—	11‡	—
859	Honours Seminars	—	9†‡	9†‡	—	—
FIFTH YEAR SUBJECTS:						
851	Building Construction V	—	—	—	—	10‡
852	Structures IV—Lectures	—	—	—	—	11
	Laboratory	—	—	—	11-1	—
853	Building Science V—Lectures	—	—	10‡	—	—
	Laboratory	—	—	11-1‡	—	—
854	Professional Practice III	—	—	—	—	12

*Lectures held at Institute of Technology.

‡ One term only.

†Alternative times.

‡ Two terms only.

††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.

FACULTY OF ARCHITECTURE AND TOWN PLANNING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
854*	Professional Practice III (Building Act)	—	—	9*	—	—
856	Town and Regional Planning and Civic Design II	—	9‡	—	—	—
857	Studio Work V ††	—	—	—	—	—
859	Honours Seminars	—	—	—	9†‡	9†‡
DEGREE OF MASTER OF TOWN PLANNING						
800	Theory and Practice of Town Planning I	—	2-4	—	—	—
801	Theory and Practice of Town Planning II	—	—	2-4	—	—
802	Theory and Practice of Town Planning III	—	—	—	2-4	—
803	History of Town Planning	—	4-5	—	—	—
804	Environmental Design	—	5-6	—	—	—
805	Elements of Statistics	—	—	—	5-6¶	—
806	Social and Economic Aspects of Planning	—	—	4-5	—	—
807	Law in Relation to Planning	—	—	—	5-6‡	—
808	Physical Basis of Planning	—	—	5-6‡	—	—
809	Engineering Aspects of Planning	—	—	5-6¶	4-5	—

¶One term only.

*Lectures held at Institute of Technology.

‡Two terms only.

†Alternative times.

††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.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

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), — —	9(A), 10(B), 5.15-7.15(C) 7.15-9.15(D)	— — 11
	Tutorial (1 hr.)	11, 6.15, 7.15	10, 11, 12	—	11, 6.15, 7.15	—
221	General Physics— Lectures (Day)	9(A), 10(B) 5.45-7.30	—	9(A), 10(B) 5.45, 7.30**	—	9(A), 10(B)
	Lectures (Night)	—	10-1‡, 2-5‡	—	2-5‡	—
	Practical (Day)	—	—	7.40-9.10	—	—
	Practical (Night)	7.40-9.10	—	11‡, 12‡	—	—
	Tutorial (Day)	—	—	—	—	—
232	Chemistry IA¶ (at Univ.)— Lectures	—	9	—	9	—
	Practical	—	—	2-5	—	—
	(at S.A.I.T.) Lectures (Day)	12	—	—	—	12
	Lectures (Night)	5	—	—	—	5
	Practical (Day)	2-5(A)	—	—	2-5 (B)	—
	Practical (Night)	—	—	—	—	7-10
906	Surveying I (T)—Lectures ..	—	11§	—	9	—
	Practical	—	—	—	—	2-5
870	Building Science I (T) Lecture	—	—	—	—	12
	Practical	12	—	—	—	—
873	Building Construction and Drawing I—Lectures	—	—	—	—	4
	Practical	—	2-5	—	2-5†	2-4
880	Architectural Drawing I (T)	—	—	—	—	—
881	Free Drawing I (T)	4-6	—	—	—	—
885	Quantity Surveying I	—	—	7.30-9.30	—	—
860	Bookkeeping and Accounts ..	11	—	11	—	—
920	General Electrical Engineering Lectures	—	11	—	—	—
	Practical	—	10-11‡ 12-1‡	—	—	—
946	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
953	Refrigeration Engineering I..	—	7-9	—	—	—
956	Engineering Mechanics I— Lectures	≠	≠	≠	≠	≠
	Practical	≠	≠	≠	≠	≠
963	Engineering Drawing and Design I—Day	2-4(A)	—	2-6(B)	11-1(A) 1-5(C)	9-1(D)
	Night	5.15-7.15(E) 7.15-9.15(F) 5.15-7.15(H)	7.15-9.15(G)	7.15-9.15(G)	5.15-7.15(E) 7.15-9.15(F)	— — 5.15-7.15(H)
966	Workshop Practice I— Lectures	—	10*(A)	11(B), 5.15(C)	—	—
	Practical (3 hrs.)	1.30-4.30*	1.30-4.30*, 6-9	1.30-4.30	1.30-4.30, 6-9	9-12, 1.30-4.30*
SECOND-YEAR COURSES:						
213	Mathematics I (Engineering)— Day: Lectures	11(A)	3-5(B)	11(A)	11(A)	3(B)
	Tutorial 1	9‡, 10‡	—	—	—	2‡
	Tutorial 2	—	—	10‡	10‡, 12‡	4‡
	Night: Lectures	6.15	—	—	6.15-8.15	—
	Tutorial 1	5.15	—	—	—	—
	Tutorial 2	—	—	—	5.15	—
940	Physics B (Engineering)— Lectures	12	—	—	9	—
	Practical (3 hrs.)	—	2-5	—	—	—
942	Applied Mathematics II (T)— Lectures	—	9, 11	—	—	9
	Tutorial	—	10	—	—	10
943	Mechanics (T)—Lecture	—	—	5	—	—
	Tutorial	—	—	6	—	—
234	Chemistry IIA (at University)— Lectures	—	10	9‡, 5‡	10	—
	Practical	2-5	—	—	—	2-5

* For B.E. Students only.

‡ Alternatives.

§ Second term only.

** Includes Tutorial.

¶ B.App.Sc. and B.Tech. (Chemical Technology) attend at University; all others at S.A.I.T.

(A), (B), (C), etc., are alternatives.

† First term only.

‡‡ First and Second terms only.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
863	Organic Chemistry IIA (at University)—Lectures ..	—	—	10	—	10
	Practical ..	—	9-1(A) 2-5(A)	—	9-1(B) 2-5(B)	—
861	Geology IA—					
	Day:					
	Lectures ..	—	9	—	9	—
	Practical (3 hrs.) ..	—	2-5(B)	—	—	—
	Tutorial (1 hr.) ..	10-1(A)	—	10†, 12†, 2†, 4†	—	10-1(C)
	Night:					
	Lectures ..	—	5	—	5	—
	Practical and Tutorial ..	—	6-8	—	6-8	—
270	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.) ..	—	7.30-10	—	7.30-10	—
287	Human Nutrition (at University) ..	12(A)	12(B)	—	—	—
900	Structures I (T)—Lectures ..	2	10	2	—	—
	Tutorial ..	3-5	—	3-5	—	—
	Practical ..	—	—	—	2-5	—
891	Town Planning Practice I ..	—	—	5.30	—	—
906	Surveying I (T)—Lectures ..	—	11††	—	9	—
	Practical ..	—	—	—	—	2-5
908	Surveying Computations ..	—	—	—	—	9-12
910	Surveying II—Lectures ..	—	9-11	—	—	—
	Practical ..	2-5	—	—	—	—
915	Astronomy—Lectures ..	—	—	—	9-11	—
	Practical (3 hrs.) ..	—	2-5‡	6.30-9.30||	—	—
893	Applied Geology and Economic Geography ..	—	5.30	—	—	—
871	Building Science II (T)—					
	Lecture ..	—	9	12†	—	—
	Practical ..	—	10	—	—	—
874	Building Construction and Drawing IA—Lectures ..	5.15	—	—	—	—
	Practical ..	—	—	—	—	6-8
875	Building Construction and Drawing II—Lectures ..	—	4	—	—	—
	Practical ..	—	2-4	—	—	—
877	Building Administration I ..	6	—	10††	—	—
883	History of Building ..	10-12	—	—	—	—
885	Quantity Surveying I ..	—	—	7.30-9.30	—	—
886	Quantity Surveying II ..	7.30-9.30	—	—	—	—
865	Supervision—Human Relations Lectures (1½ hrs.) ..	5.45-7.15 (A) 6.40-8.10 (B) 7.35-9.05 (C)	—	—	9-10.30 (D)	—
921	Electrical Engineering II (T)—					
	Lectures ..	5.15	5.15	—	—	—
	Practical (2 hrs.) ..	—	11-1 (A) 3-5 (B) 6.15-8.15 (C)	—	—	—
922	Electrical Engineering IIA (T)—					
	Lectures ..	—	—	12	—	12
	Practical (2 hrs.) ..	—	—	10-12 (A) 2-4 (B)	—	—
926	Electrical Engineering Circuits—					
	Lectures ..	≠	≠	≠	≠	≠
	Practical ..	≠	≠	≠	≠	≠
930	Communication Engineering I					
	Lectures ..	2	—	4-6	—	—
	Practical (2 hours) ..	3-5 (A)	—	11-1(B)	—	—
	Tutorial (1 hour) ..	12(A)	—	3(B)	—	—
933	Applied Electronics—					
	Lecture ..	—	9	—	—	—
	Practical (2 hrs.) ..	—	10-12 (A)	—	9-11 (5)	—
934	Applied Electronics (Short Course)—					
	Practical (2 hrs.) ..	—	—	—	9-11||, 2|| 3-5||	—

* B. Tech. Students only. ††† Third Term only.
 † First and Second Terms only. (A), (B), (C), etc., are alternatives.
 †† Second Term only. ‡ Alternatives.
 ‡ First Term only. || Second and Third Terms only.
 ** Arrangements will be made for full-time Mechanical Students who cannot attend at this time.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
941	Applied Mathematics (T)— Day:					
	Lectures	12	—	9	—	12
	Tutorial	—	—	10(A), 12(B)	—	11(C)
	Night:					
	Lectures	—	6.15	—	5.15-7.15	—
	Tutorial (1 hr.)	—	5.15(A)	—	7.15(B)	—
942	Applied Mathematics II (T)					
	Lecture	—	9, 11	—	—	9
	Tutorial	—	10	—	—	10
945	Applied Physics I (A)—					
	Lecture	5	—	—	5, 6.30	—
	Practical (5 hrs.)	6.30-9.30(A)	2-5(B)	—	7.30-9.30	—
946	Applied Physics I B—					
	Lecture	9	—	9	—	—
	Tutorial	10	—	—	—	—
	Practical	11-1	—	10	—	—
944	Electron Physics—					
	Lectures	—	—	—	—	9
	Practical (2 hrs.)	—	11-1(A)	—	—	11-1(B)
	Tutorial (1 hr.)	—	10(A)	—	—	10(B)
950	Mechanical Engineering I (T)	11(A)	—	—	11(A)	—
951	Mechanical Engineering II (T)					
	Lectures	—	—	12	—	10
	Practical	2-4†	—	—	—	—
954	Refrigeration Engineering II—					
	Lectures	—	—	—	4-6	—
	Practical	—	—	—	2-4†	—
960	Strength of Materials (T)—					
	Lecture	—	11-1	—	—	—
	Practical	—	—	—	—	2-5
961	Materials and Structures—					
	Lectures (Day)	—	—	—	2-4	—
	Lectures (Night)	—	5.15-7.15	—	—	—
	Practical (Day)	—	—	—	4-6	—
	Practical (Night)	—	—	5.15-7.15	—	—
917	Hydraulics (T)—Lectures	—	—	—	—	9
	Practical	—	—	—	2-5 †††	—
963	Engineering Drawing and Design I—Day	2-4(A)	—	2-6(B)	11-1(A) 1-5(C)	9-1(D)
	Night	5-15-7.15(E) 7.15-9.15(F) 5.15-7.15(H)	7.15-9.15(G)	7.15-9.15(G)	5.15-7.15(E) 7.15-9.15(F) —	— — 5.15-7.15(H)
964	Engineering Drawing and Design II—Lecture	—	9(A), 5(B)	2(C)	5(D)	—
	Practical	—	2-5(A) 6.30-9.30(B)	3.15-6.15(C)	6.30-9.30(D)	—
975	Process Technology I (at Univ.)	9	—	—	—	9
977	Physical Metallurgy I—					
	Lecture	12	—	—	—	—
	Practical	—	2-5	—	—	—
984	Chemistry I (Organic) (T)—					
	Lectures	—	—	5	—	—
	Practical	—	—	7-10†	—	—
986	Engineering Materials—					
	Lectures (Day)	9	—	10	—	—
	Lectures (Night)	5	5	—	—	—
	Practical (Day)	—	—	2-4	—	—
	Practical (Night)	—	6-8	—	—	—
866	Industrial Microbiology I— Lectures and Practical	≠	≠	≠	≠	≠
THIRD-YEAR COURSES						
863	Organic Chemistry IIA (at Univ.)—Lectures	—	—	10	—	10
	Practical	—	9-1(A), 2-5(A)	—	9-1(B), 2-5(B)	—

* First Term only.

** Second Term only.

*** Second and Third Terms only.

† First and Second Terms only.

††† Third Term only.

≠ Times to be arranged.

(A), (B), (C), etc., are alternatives.

‡ Alternatives.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
861	Geology IA (at University)— Day: Lectures Practical (3 hrs.) Tutorial (1 hr.)	— ≠ ≠	9 ≠ ≠	— ≠ ≠	9 ≠ ≠	— ≠ ≠
	Night: Lectures Practical and Tutorial ..	— ≠	5-15 ≠	— ≠	5-15 ≠	— ≠
987	Mineral Dressing— Lectures Practical Tutorial	— — —	— 2-5† 2-4†††	— — —	9 — —	11 — —
988	Applied Physical Chemistry Lectures (at Univ. or S.A.I.T.) Practical (at S.A.I.T.) ..	10 —	— —	9 2-5	— —	— —
287	Human Nutrition (at Univ.)	12(A)	12(B)	—	—	—
901	Civil Engineering A—Lecture Practical	10 11-1	11 —	— —	9 10-1	— —
902	Civil Engineering B— Lectures Practical	9 —	5.15 —	9 —	5-15 —	— 1.30-4.30
903	Structures II (T)—Lectures Practical	— 4-6	— 2-5	— —	— —	9 10-12
904	Methods of Construction and Management	—	9	—	—	—
905	Soils Investigations—Lectures Practical	— —	5.15 —	9** —	— —	— 1.30-4.30
906	Surveying I (T)—Lectures .. Practical ..	— —	11††† —	— —	9-10 —	— 2-5
911	Land Surveying Design and Drafting	—	2-5	—	—	—
912	Mine Surveying—Lecture ..	—	11**	—	—	—
913	Photogrammetry—Lectures Practical..	2-5 9-11	9-10.30 12	2-3.30 10-1	— 9-12	— 4.30-6.30
914	Geodesy	9-11	12	10-1	—	—
916	Surveying Law	—	—	—	—	4.30-6.30
892	Law in Relation to Planning	6.30	—	—	—	—
862	Land Valuation, Principles and Practice	—	6-7.30 (A)	—	6-7.30 (B)	—
872	Building Science III (T)— Lectures Practical	— — —	— — —	5 —	5.30 2-5†††	— —
876	Building Construction and Drawing III Lecture Practical	— — —	— — —	10 11-1	— 10-1	— —
878	Building Administration II— Lectures Practical	— 5, (A) 2-5 (A) 6.30-9.30 (B)	— — —	— 9 (B) —	— — —	— — —
879	Building Administration III	—	—	3-4.30	—	—
886	Quantity Surveying II ..	7.30-9.30	—	—	—	—
887	Quantity Surveying III ..	—	—	6.30-8.30	—	—
888	Estimating and Costing ..	—	6.15-8.15	—	—	—
890	Design of Structures (A) Lecture Tutorial	— — —	— — —	— — —	— — —	9 10-1
922	Electrical Engineering IIA (T) Lectures Practical	— — —	— — —	12 10-12 (A) 2-4 (B)	— — —	12 — —
923	Electrical Engineering III (T) Lecture Practical	12 —	— —	— —	9 10-12(A) 2-4(B)	— —
925	Automatic Control— Lectures Practical	— 2-5 (A)	— —	— —	— —	1.30 2.30-5.30(B)
931	Communication Engineering II Lectures Practical	— —	9 10-12	— —	— —	9 10-12
933	Applied Electronics— Lecture Practical	— —	9 10-12** (A)	— —	— 9-11** (B)	— —

(A), (B), (C), etc., are alternatives. ††† Third Term Only.
 ** Second Term only. † Alternatives.
 † First and Second Terms only. †† Arrangements made for Full-time Mechanical Students unable to attend at this time.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
935	Electronic Engineering Design Lecture	—	—	9	—	—
	Practical	—	—	10-12	—	—
936	Electronic Measurements— Lectures	9	—	—	—	—
	Practical	10-12	—	—	—	—
937	Pulse Techniques— Lectures	—	—	12, 2	—	—
	Practical	—	3-5	—	—	—
	Tutorial	—	2 (A)	3 (B)	—	—
D	Applied Physics IIA— Lectures	—	4	4	4	—
	Practical	11-1 (A)	—	5.30-7.30 (B)	9-12 (A) 5.30-8.30 (B)	—
E	Applied Physics IIB— Lectures	10	9	—	—	9
	Practical	10-1	7-9 (B)	—	—	10-12
950	Mechanical Engineering I (T)	11 (A)	—	—	11 (A)	—
952	Mechanical Engineering III (T) Lectures	—	11	—	12	—
	Practical	—	—	—	2-5	—
953	Refrigeration Engineering I ..	—	7-9	—	—	—
955	Refrigeration Engineering III— Lectures	—	12	—	—	11
	Practical	—	—	—	—	2-5
957	Machine Design—Lecture ..	—	—	9-11	—	—
	Practical	9-12†	—	—	—	—
958	Machine Design Project— Lecture	—	—	9-11	—	—
	Practical	9-12	—	—	—	—
961	Materials and Structures— Lecture (Day)	—	—	—	2-4	—
	Lecture (Night)	—	5.15-7.15	—	—	—
	Practical (Day)	—	—	—	4-6	—
	Practical (Night)	—	—	5.15-7.15	—	—
917	Hydraulics (T)—Lecture ..	—	—	—	—	9
	Practical	—	—	—	2-5†††	—
964	Engineering Drawing and Design II—Lectures ..	—	9(A), 5(B)	2(C)	5(D)	—
	Practical	—	2-5(A) 6.30-9.30 (B)	3.15-6.15 (C)	6.30-9.30 (D)	—
967	Workshop Practice II— Lecture	—	—	—	11	—
	Practical (3 hours) ..	1.30-4.30 (A)	1.30-4.30 (B)	—	1.30-4.30 (C)	1.30-4.30 (D) 9-12 (E)
864	Principles of Business and Industry— Lectures ..	—	5.30	—	5.30	—
970	Analytical Chemistry— Lecture	12-1	—	—	—	—
	Practical	2-5	—	—	—	—
971	Extractive Metallurgy I— Lectures	9	—	—	10	—
	Practical	—	—	—	—	2-5
	Tutorial	11	—	—	—	—
972	Extractive Metallurgy IA— Lecture	9	—	—	—	—
	Practical	—	—	—	—	2-5
973	Industrial Instrumentation— Lecture	2	—	—	—	—
	Practical (3 hrs.) ..	3-6	—	—	—	—
974	Industrial Instrumentation A— Lectures	2	3	—	—	—
	Practical	3-6	4-5	—	—	—
975	Process Technology I ..	9	—	—	—	9
976	Process Technology II— Lectures	—	—	9	12	—
	Practical	—	9-1, 2-5	—	—	—
868	Unit Operations — Lecture	—	—	—	—	11
	Practical (at Univ.) ..	—	—	—	—	2-5
977	Physical Metallurgy I— Lecture	12	—	—	—	—
	Practical	—	2-5	—	—	—

† First and Second Terms only.

(A), (B), (C), etc., are alternatives.

††† Third Term only.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
980	Physical Metallurgy II— Lecture Practical	— — —	— — —	— — —	9 — —	— 9-12 —
981	Metal Fabrication—Lecture Practical	— —	5.15 7-10†††	— —	— —	— —
982	Foundry Practice—Lecture Practical	— —	— 7-10† (A)	— —	— —	5.15 7-10† (B)
983	Industrial Economics..	10†	—	—	—	—
986	Engineering Materials— Lectures (Day) Lectures (Night) Practical (Day) Practical (Night)	9 5 — —	— 5 — 6-8	10 — 2-4 —	— — — —	— — — —
866	Industrial Microbiology I— Lectures and Practical	≠	≠	≠	≠	≠
867	Industrial Microbiology II (at Univ.)	≠	≠	≠	≠	≠
FOURTH YEAR COURSES						
987	Mineral Dressing— Lectures Practical Tutorial	— — —	— 2-5† 2-4†††	— — —	9 — —	11 — —
450	Mining Engineering I (at Univ.)—Lecture Practical	— —	— —	10-12 —	— 2-5	— —
922	Electrical Engineering IIA(T)— Lectures Practical	— — —	— — —	12 10-12 (A) 2-4 (B)	— — —	12 — —
953	Refrigeration Engineering I..	—	7-9	—	—	—
961	Materials and Structures— Lectures (Day) Lectures (Night) Practical (Day) Practical (Night)	— — — —	— 5.15-7.15 —	— — 5.15-7.15	2-4 — 4-6	— — —
964	Engineering Drawing and Design II—Lecture Practical	— —	9(A), 5(B) 2-5(A) 6.30-9.30(B)	2(C) 3.15-6.15(C)	5(D) 6.30-9.30(D)	— —
970	Analytical Chemistry— Lectures Practical	12-1 2-5	— —	— —	— —	— —
971	Extractive Metallurgy I— Lectures Practical Tutorial (1 hour)	9 11	— — —	— — —	10 — —	— 2-5 —
972	Extractive Metallurgy IA — Lectures Practical	9 —	— —	— —	— —	— 2-5
973	Industrial Instrumentation— Lectures Practical (3 hours)	2 3-6	— —	— —	— —	— —
976	Process Technology II— Lectures Practical	— —	— 9-1, 2-5	9 —	12 —	— —
868	Unit Operations (at Univ.)— Lectures Practical (at Univ.)	— — —	— — —	— — —	— — 10-1, 2-5	11 2-5 —
978	Physical Metallurgy Project	—	—	—	10-1, 2-5	—
980	Physical Metallurgy— Lectures Practical	— — —	— — —	— — —	9 — —	— 9-12 —
981	Metal Fabrication—Lectures Practical	— —	5.15 7-10†††	— —	— —	— —
982	Foundry Practice—Lectures Practical	— —	— 7-10† (A)	— —	— —	5.15 7-10† (B)
983	Industrial Economics (at Univ.)	10†	—	—	—	—
867	Industrial Microbiology II (at Univ.)	≠	≠	≠	≠	≠

††† Third Term only.

† First and Second Terms only.

*First term only.

≠ Times to be arranged.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1964

PART VI

GRADUATES AND ASSOCIATES OF THE UNIVERSITY

Graduates —

Past and present graduates - - - - -	1103
Graduates who have taken Honours Degrees - - -	1159
Associates of the University - - - - -	1164

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	†Allan, Peter Thomas, LL.B. - - - - -	1962
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941)	1945	Allard, James Thomas, B.E. - - - - -	1956
†Abbie, Elizabeth Mary, B.A. - - - - -	1962	Allardice, John Graham, B.E. - - - - -	1950
Abbott, Clifford Alexander, B.Sc. - - - - -	1952	Allden, William George, M.A. (Cambridge, 1958) - - - - -	1959
Abbott, Charles Anthony Lempriere, LL.B.	1947	M.Ag.Sc. - - - - -	1961
Abbott, Derek Athol Lempriere, LL.B. - - - - -	1950	Allen, David William, B.E. - - - - -	1954
Abbott, Geoffrey Joseph, B.E. - - - - -	1921	Allen, Dulce Dawa, B.A. - - - - -	1945
Abbott, Howard Lockyer, B.A. - - - - -	1952	Allen, Edgar, M.A. (B.A., 1909) - - - - -	1913
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1943	Allen, Gordon Lewis, B.E. - - - - -	1951
Abbott, Nigel Basil Gresley, M.B., B.S. - - - - -	1916	Allen, Gordon Vivian, B.E. - - - - -	1936
Abbott, Nigel Drury Gresley, M.B., B.S. - - - - -	1944	Allen, Gweneth Dawn, B.Sc. - - - - -	1947
†Abbott, Warwick Donald Francis, B.Sc. - - - - -	1960	Allen, Henry Joshua, M.A. (B.A., 1927) - - - - -	1929
Abdul Majeed, Siti Khalsom Ruby, M.B., B.S.	1959	Allen, James Lawrence, B.A. - - - - -	1935
†Abdullah, Solmi Binti, B.D.S. - - - - -	1963	Allen, John Bernard, B.A. - - - - -	1942
Abele, Charles, Ph.D. (B.Sc., 1957) - - - - -	1962	Allen, John Howard, B.Sc. - - - - -	1916
Abotomey, Olive Wanda, B.A. - - - - -	1930	†Allen, Kenneth Craig, B.Ec. - - - - -	1961
Abraham, Samuel Clifford Ethermanasingham, M.B., B.S. - - - - -	1959	Allen, Kevin Reginald, B.D.S. - - - - -	1952
†Ackland, Anthony William, B.Sc. - - - - -	1963	Allen, Leonard Nicholls, M.A. (B.A., 1926) - - - - -	1933
†Acott, Brenton, B.Sc. - - - - -	1963	Allen, Lois Waveney, B.A. - - - - -	1913
†Adam, Campbell Paterson, B.E. - - - - -	1961	Allen (nee Mann), Margaret Noble, B.A. - - - - -	1927
Adam, Elizabeth Anderson, B.A. - - - - -	1949	Allen, Maxwell George, B.Sc. - - - - -	1949
Adams, Anthony Charles Irvine, M.B., B.S.	1960	†Allen, Mervyn Richmond, M.B., B.S. - - - - -	1963
Adams, Arthur John Sorby, B.Sc. - - - - -	1926	Allen, Murray William, B.E. - - - - -	1950
Adams, Colin Francis, B.E. - - - - -	1934	Allen, Philip Wesley, M.B., B.S. - - - - -	1960
Adams, Dorothy Sorby, M.B., B.S. - - - - -	1922	†Allen, Robert John, B.Sc. - - - - -	1962
Adams, Douglas Charles, B.Tech. - - - - -	1959	Allen, Roy, M.B., B.S. - - - - -	1951
Adams, Edward James Stanley, B.E. - - - - -	1941	Allen, Shirley Hope, B.Sc. - - - - -	1943
Adams, Graeme Sorby, M.B., B.S. - - - - -	1956	Allen, Thomas Howard, M.B., B.S. - - - - -	1953
†Adams, Jeremy Sorby, B.E. - - - - -	1963	Allen, William Douglas, B.Sc. - - - - -	1934
Adams, John Clifford, B.Ec. - - - - -	1955	Allert, Margaret Elizabeth, B.A. - - - - -	1950
Adams, John Clyde, B.E. - - - - -	1941	Allison, John Kenneth, B.A. - - - - -	1939
Adams, Reginald Keith Sorby, M.A. (B.A., 1922) - - - - -	1926	Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947
†Adamson, Robert MacFarlane, B.Sc. - - - - -	1963	Almond, William Wesley, B.Sc. (Eng.) - - - - -	1945
Addison, Michael, M.B., B.S. (M.B., B.Ch. Witswatersrand, 1951) - - - - -	1963	Alpers, John Henry, M.B., B.S. - - - - -	1960
Addison, Stanley Simpson, B.Sc. - - - - -	1908	Alpers, Michael Philip, B.Sc. - - - - -	1956
Adey, Colin Richard, B.Sc. (Eng.) - - - - -	1942	M.B., B.S. - - - - -	1961
Adey, William Ross, M.D., (M.B., B.S., 1943) - - - - -	1949	Altman, Olive Stella, B.A. - - - - -	1948
Adlam, Kenneth Charles, B.E. - - - - -	1952	Altmann, Arthur Richard, B.E. - - - - -	1920
Adlam, Robert Delbridge, B.A. - - - - -	1957	Altmann, Frank William, M.B., B.S. - - - - -	1959
†Ah Toy, Laurence Cheong, B.Ec. - - - - -	1961	Altmann, Herbert Franz, M.B., B.S. - - - - -	1922
Ahern, Kevin Barry, LL.B. - - - - -	1951	Alwyn, John Edward Stacey, M.B., B.S. - - - - -	1958
Ahrens, Elsie Gladys, B.A. - - - - -	1955	Ambastha, Harendra Narayan Sinha, M.Ag.Sc. - - - - -	1954
Ahrens, Richard Walter, B.Sc. - - - - -	1960	Ambrose, Betty Rosslyn, M.B., B.S. - - - - -	1936
Aistrophe, Stanley Thomas, B.A. - - - - -	1954	Ambrose, John Rosslyn, M.B., B.S. - - - - -	1943
Aitchison, Erica Nancy, B.A. - - - - -	1931	Amey, Douglas John, B.E. - - - - -	1956
Aitchison, Gordon Douglas, M.E. (B.E., 1938) - - - - -	1952	Amey, Ian Frank, B.E. - - - - -	1959
Aitchison, Gordon James, Ph.D. (B.Sc., 1939; M.Sc., 1945) - - - - -	1957	Amey, Lloyd Ronald, B.Ec. - - - - -	1951
Aitchison, Gordon John, B.E. - - - - -	1927	Amos, George Lewis, M.Sc. (B.Sc., 1936) - - - - -	1939
†Aitken, Ellen Raelene, B.Sc. - - - - -	1963	Amos, Kenneth Albert, B.Sc. - - - - -	1960
Aitken, Gilbert William Elliot, M.B., B.S. - - - - -	1943	Anastas, George, M.B., B.S. - - - - -	1959
Akkermans, Charles Henry, M.B., B.S. - - - - -	1959	Ancell, Brian Edward John, M.B., B.S. - - - - -	1957
Alcock, Dudley Horold, B.A. - - - - -	1943	Andary, Dean, B.D.S. - - - - -	1956
†Alcock, John Francis, B.Sc. - - - - -	1962	Anders, Douglas John, B.Sc. - - - - -	1936
Alderman, Arthur Richard, D.Sc. (B.Sc., 1924; M.Sc., 1928) - - - - -	1943	Anders, Ralph Charles, B.E. - - - - -	1934
Alderman, Colin Graham, M.B., B.S. - - - - -	1943	†Andersen, Graham John, M.B., B.S. - - - - -	1961
Aldersey, Algernon Lumley Haydon, B.Sc. - - - - -	1950	Andersen, Kerstin Lillemor, B.A. - - - - -	1934
Aldersey, Richard Baker, B.Sc. - - - - -	1923	†Andersen, Neville Paul, LL.B. - - - - -	1963
Aldor, Thomas Arthur Menachem, M.B., B.S.	1960	Andersen, Adrian Akhurst, B.E. - - - - -	1925
Aleksandrovics, Pavils, B.Tech. - - - - -	1958	Anderson, Alan Bruce, B.Sc. - - - - -	1922
Alexander, Donald John, B.E. - - - - -	1951	Anderson, Albert Raymond, M.B., B.S. - - - - -	1951
Alexander, Rosemary Margery Blanche, LL.B. - - - - -	1935	Anderson, Alex Gordon, B.Sc. - - - - -	1953
Alexander, William Colin, B.E. - - - - -	1928	Anderson, Alison Margaret, B.A. - - - - -	1937
Alexandrovicius, Vera, B.D.S. - - - - -	1954	Anderson, Aubrey James Clifton, B.A. - - - - -	1947
Alksnis, Ivars Janis, M.A. (B.A., 1959) - - - - -	1961	†Anderson, Barry Charles, B.Sc. - - - - -	1962
Allan, John Brooker, M.B., B.S. - - - - -	1958	Anderson, Claude Leonard, M.B., B.S. - - - - -	1933
		Anderson, Colin Charles, B.Sc. (Eng.) - - - - -	1944
		Anderson, Donald Robert Ross, M.B., B.S. - - - - -	1947
		Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - - -	1942
		Anderson, Douglas Bruce, B.E. - - - - -	1952
		Anderson, Geoffrey Fraser, LL.B. - - - - -	1943
		Anderson, Gordon Athol, Mus.Bac. - - - - -	1958
		B.A. - - - - -	1959
		Anderson, Graham Lancelot George, B.Sc. - - - - -	1960
		Anderson, Gwendoline Mary, B.A. - - - - -	1933

† Not yet Members of the Senate.

Baker, Rosemary Anne, B.Sc.	1952
Baker, Walter Ross, B.E.	1931
Baker, Warwick John, B.E.	1957
Bal, Kirpal Singh, B.E.	1958
Bald, Robert Cecil, LL.B.	1930
M.A. (Ph.D., Cambridge, 1929)	1930
D.Litt.	1946
Bald, William Charles, B.A.	1957
Baldacchino, Charles Francis, M.B., B.S.	1952
Baldock, Desmond John, B.Sc.	1960
†Baldock, Lyle Talbot, B.E.	1963
†Baldock, Robert Neil, B.Sc.	1963
†Baldwin, Grantley Barrington, B.Sc.	1963
†Ball, John Minchin, B.E.	1961
Ball, Karl George, M.B., B.S.	1946
Ball (nee Humphry), Lulu Eileen, B.Sc.	1935
Ballai, Nandor, M.B., B.S.	1956
Ballantyne, Elsie Ray, M.A. (B.A., 1928)	1931
Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932)	1933
M.Ag.Sc.	1933
Balmer, Jean Jacques, B.A.	1953
†Bamford, Robert Leslie, B.E.	1961
Bampton, Colin Charles, B.Sc. (Eng.)	1942
Bampton, John Charles, M.B., B.S.	1954
Banks, Alan, B.E.	1948
Banks, Alan Walker, M.Sc.	1958
Bannigan, John Thornton, B.Sc.	1949
Bannister, Lloyd Benjamin, B.E.	1951
Banos, Poppy Kalliope, B.Sc.	1954
Banyer, Robert John, B.Sc.	1959
Barber, Howard Frank, B.A.	1939
Barber, Kenneth, B.Sc.	1944
Barbour, John Russell, M.S. (M.B., B.S., 1934)	1944
*Barbour, Robert, B.A.	1916
Barbour, Robert Angus, M.D. (M.B., B.S., 1955)	1962
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930)	1930
†Barclay, Colin William, B.Tech.	1963
Barden, Ronald George, B.E. (B.Sc. (Eng.), London, 1947)	1954
Ph.D.	1957
Barker, Alwyn Bowman, B.E.	1923
B.Sc.	1931
†Barker, Anthony Alfred, B.Sc.	1961
Barker, Denis, M.B., B.S.	1956
Barker, Edgar James, B.E.	1936
Barker, Shirley Bowman, M.B., B.S.	1954
Barlow, Douglas Arthur, B.Sc.	1942
Barlow, Douglas John, M.B., B.S.	1959
Barlow, Grace Barbara, B.A.	1951
Barlow, Marguerite Mora, M.B., B.S.	1947
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
†Barlow, Peter Francis, B.E.	1962
Barnard, Howard Lucas, B.E.	1924
Barnard, Marguerita Mira, B.A.	1911
†Barnden, Frederick Wayne, B.Ag.Sc.	1962
Barnden, Vina Melba, Mus.Bac.	1935
Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951
Barnes, David Thomas, M.B., B.S.	1951
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959
Barnes, Frederick Lynne, B.Sc.	1938
Barnes, Marjorie Joyce, LL.B.	1937
Barnes, Robert, M.B., B.S.	1948
Barnes, Ronald David, B.E.	1955
Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950
†Barnett, Michael Powell, M.B., B.S.	1963
†Barnett, Roger Ernest, B.Sc.	1963
Barnett, Samuel Powell, M.B., B.S.	1927
Barnfield, George Thomson, LL.B.	1937
Barr, Alan Marshall, M.B., B.S.	1957
Barr, Helen Elizabeth, B.Sc.	1947
Barrett, Arthur Jeremy, B.E.	1959
Barrett, Beverley Noelle, B.A.	1960
Barrett, Harold John, B.A.	1956
Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949
Barrett, William Vernon, B.A.	1949
Barrett-Lennard, Lancelot, M.B., B.S.	1947
Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938
Barvien, John, B.E.	1948
Barritt, Lola Marjory, B.A.	1955
†Barrow, Christopher Graham, M.B., B.S.	1963
†Barrow, Kevin David, B.Sc.	1963
†Barrow, Natalia, M.B., B.S.	1963
Barrow, Peter McKee, B.Ag.Sc.	1949
Barry, Brian Robert, B.E.	1950
†Barter, Brian Fenton, LL.B.	1963
†Barter, Colin Edwin, M.B., B.S.	1962
Barter, Francis Charles, LL.B.	1931
†Barter, Ian Walter, M.B., B.S.	1962
†Barter, Janet Elizabeth, B.A.	1963
Barter, Kenneth Edwin, B.A.	1931
Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953
Barter, Ruth Estelle, B.A.	1931
Bartholomaeus, Clifford Geoffrey, B.E.	1930
Bartholomaeus, Edmund Stanley, B.A.	1914
Bartholomaeus, Richard Voules, B.D.S.	1955
Bartleet, Nancy Irene, B.A.	1939
Bartlett, Brian Mervyn, B.Sc.	1949
Bartlett, William John, M.A. (B.A., 1912)	1914
†Bartley, Helen Louise, B.A.	1962
†Barton, Alan Reginald, B.Sc.	1962
Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960
Barton, David Charles, M.B., B.S.	1956
Barton, Felix Kingston, B.A.	1911
Bartsch, Kenneth Murray, B.E.	1958
†Bartusek, Karel, B.Sc.	1963
Barwell, Mary Gilbert, B.A.	1926
Basedow, Bernhard Frederick, B.Ec.	1954
Basedow, Karl Johannes, M.B., B.S.	1938
Basheer, Keith Cameel, M.B., B.S.	1953
Basheer, Max Rafeek, LL.B.	1952
†Basheer, Ray, B.E.	1962
Bassett, Maxwell Auger, B.Ec.	1951
Basson, Alfred Graham, B.Ag.Sc.	1960
Basten, Henry Bolton, M.A. (Oxford, 1954)	1954
Bastian, Elwin Scott, B.A.	1956
Basto, Antonio Alberto, B.Ec.	1957
Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931
Batchelor, John, B.E.	1956
Bateman, Gretel Mary, B.Sc.	1956
Bateman, Peter Patrick, M.B., B.S.	1950
Bateman, Wilfrid, B.Sc.	1941
Bateman, Winston Trevor, B.E.	1956
Bates, Brian Lewis, B.Sc.	1947
†Bates, Robert Thomas James, M.B., B.S.	1962
Bates, William George James, B.E.	1935
Bateup, John Fraser, B.E.	1960
†Battersby, Robert Hilton, B.Arch.	1961
Bath, Donald James, B.E.	1950
Battye, Gavin Ross, B.E.	1949
Baudinet, Walter Hooper, M.B., B.S.	1935
Bauer, Franz, M.B., B.S.	1942
†Bauer, Noel Westley, B.Sc.	1962
Baum, Murray Richard, B.A.	1955
Bawden, Albert Victor, B.A.	1930
Bawden, Maxwell George, M.B., B.S.	1954
Bawden, Thomas Edward, B.Sc.	1956
Baxter, Reginald Robert, B.Sc.	1912
Baxter, Robert Crawford, B.Ag.Sc.	1959
B.Ec.	1961
Bayliss, Colin Evan, M.B., B.S.	1951
Bayly, Elizabeth Jean, B.A.	1960
†Bayly, Michael Wykeham, B.Tech.	1963
†Baynes, William Hendrie, B.A.	1961
Bazeley, Austin Joseph, B.D.S.	1955
Bazeley, Francis, B.E.	1950
†Beacham, Kenneth William, B.E.	1961
Beames, Lloyd Arthur, B.Tech.	1959
Bean, Sir Edgar Layton, B.A.	1913
LL.B.	1922
Bean, Edgar Stewart, M.B., B.S.	1947
Bean, Malcolm James Layton, B.D.S.	1954
Beaney, Harold Leigh, M.E. (B.E., 1932)	1959
Beard, Donald Douglas, M.B., B.S.	1947
Beard, Jack Roland Stanley Crose, M.B., B.S.	1914
Beard, Roland Maurice Charles Georges, M.B., B.S.	1946
†Beare, Adrienne Ruth, B.Sc.	1963
Beare, Hedley, B.A.	1954
Beare, James Hudson, M.B., B.S.	1953
Beare, John Alan, B.Ag.Sc.	1937
Beare, Lynden Day, B.A.	1960
Beare, Thomas Hudson, M.B., B.S.	1952
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1951
Bearman, Imelda, B.A.	1952
Beasley, Victor John, B.A.	1957
Beaton, Doris Jean, LL.B.	1940
Beauchamp, Edward Benjamin, LL.B.	1927
Beaumont, Gordon Dean, M.B., B.S.	1959

* Deceased.

† Not yet Members of the Senate.

Beaumont, Olive Sowter, B.A.	1939	†Berryman, Donald Wilson, B.Tech	1962
Beaumont, Paul Charles, B.A.	1921	Berryman, Maurice James, B.E.	1956
Beck, Alan Beavis, M.Sc. (B.Sc., 1930)	1932	Bert, Ernest Julius, B.E.	1921
Beck, Kevin Charles, B.Sc.	1957	Bessant, Dorothy Elizabeth, B.A.	1952
Beck, Merlin Benjamin, B.Ag.Sc.	1949	Best, Effie Deland, B.Sc.	1953
Beck, Robert George, B.Ag.Sc.	1941	Best (nee Deland), Effie Wyllie, M.Sc., (B.Sc., 1926)	1930
Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956)	1959	†Best, Michael Robert, B.A.	1961
Beckwith, Ralph Symonds, B.Sc.	1944	Best, Rupert Faraday, B.Tech.	1960
Beckwith, Shirley Katie, B.A.	1939	Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	1948
Bednall, Brian Herbert, B.Sc.	1925	Bested, Gordon John, B.A.	1942
Bednall, David Maurice, LL.B.	1953	†Betcher, Kelvin Bernard, M.B., B.S.	1961
Bednall, Ian William Gordon, B.E.	1958	Betheras, Frank Rex, M.B., B.S.	1957
Bednall, Maurice William, LL.B.	1924	†Bettison, Irvine James, B.A.	1961
Beech, Ernest Robert, M.B., B.S.	1932	Bettison, Margaret Selina, B.A.	1949
Beech, Margaret Doris, B.Sc.	1952	Betts, Beatrice Berenice, B.A.	1933
Beecham, Anthony Frank, B.Sc.	1950	Betts, William James, M.B., B.S.	1941
Beer, Barbara Helen, M.B., B.S.	1956	Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	1960
†Beer, Donald Robert, B.A.	1961	Bevan, Medhurst Llewellyn Willett, LL.B.	1931
Begg, Barbara Rosemary, B.Sc.	1947	Bevan, Rosalind Mary Willett, LL.B.	1959
Begg, Betty Shannon, M.B., B.S.	1949	†Bevan, Raymond Harold, B.Sc.	1962
Begg, Malcolm William, M.B., B.S.	1956	Beverley, David William Ernest, B.E.	1951
Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932	Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
D.D.Sc.	1935	Bevis, Archibald Charles Kidman, B.A.	1943
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918	Bhavilaj, Rawi, M.Sc.	1952
Behrens, Dietrich Wilhelm Frido, B.A.	1960	Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	1944
Behndt, Arthur Clive, M.B., B.S.	1948	*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920
Beilby, Bruce Parnell, B.E.	1952	†Bickerton, Ian James, B.A.	1961
Beilby, Jack Canavan, M.B., B.S.	1956	Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935
Bell, Donald George, B.A.	1941	Biddle, Enid Barbara, B.A.	1948
Bell, Franklyn Gilbert, M.B., B.S.	1949	Biddle, Gordon Crawford, B.Sc.	1950
Bell, Thomas Norman, Ph.D. (Durham, 1957)	1959	Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958
†Bellchamber, Kenneth Charles, B.Ec.	1963	Biele, Keith William, B.Ec.	1952
Beltrame, Cino Ernest, B.E.	1957	Bienert, Center Horst, B.Sc.	1960
Bender, Jill Margaret, B.A.	1954	†Bieske, Elaine Alison, B.Sc.	1962
†Beniulis, Julius, B.E.	1963	†Biezaitis, Laima Asja, B.Sc.	1963
Benjaminson, Albert, B.E.	1951	Biggins, George Edward, B.E.	1960
Bennett (nee Berriman), Annie Stevens, B.A.	1919	†Biggam, Donald Alexander, B.Sc.	1963
†Bennett, Brian Thomas, B.Sc.	1963	†Billing, Robert Heaton, B.Ec.	1960
Bennett, Charles Gordon, B.A.	1922	Billinghurst, Harry, B.E.	1954
Bennett, David John, B.Sc.	1932	Billinghurst, Onslow Chestle, B.E. (B.Ec., 1943)	1963
Bennett, Donald Collier, M.B., B.S.	1946	Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	1952
Bennett, Donald John, B.E.	1954	Bills, Allan Mavnard, B.A.	1931
Bennett, Floyd Chester, B.A.	1951	Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Bennett, Frederick Norman, B.A.	1905	Bills, David Charles, B.Sc.	1950
Bennett, Graham Leslie, M.B., B.S.	1935	Bills, Lawrence McAusland, LL.B.	1937
†Bennett, Gregory William, B.Sc.	1961	Bills, Malcolm Bruce, B.D.S.	1947
Bennett, Henry Trevor, LL.B.	1950	†Bilney, Gordon Neil, B.D.S.	1962
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	1958	Bilney, Neil Joseph, B.A.	1938
Bennett, John Barkly, M.B., B.S.	1947	Bilton, Anthony Herbert, M.B., B.S.	1958
Bennett, John Henry, Ph.D. (Cambridge, 1952)	1957	†Binks, Jennifer Anne, B.A.	1962
Bennett, John Nelson, LL.B.	1944	Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937
Bennett, Keith McQuarrie, B.E.	1925	Birch, John Bright, M.B., B.S.	1915
Bennett, Malcolm Gordon, B.A.	1958	Birch, Louis Charles, D.Sc. (M.Sc., 1941)	1949
Bennett, Mary Gilmour, B.Sc.	1951	Birchall, Nicholas John Wardlaw, LL.B.	1956
Bennett, Richard Barkly, M.B., B.S.	1948	Bird, Alan Francis, M.Sc.	1955
Bennett, Richard Clayton, M.B., B.S.	1954	Bird, Peter Allan, B.A.	1958
Bennett, Thomas Southall, B.A.	1933	Birdseye, Sydney Alick, M.B., B.S.	1951
Bennett, William Barkly, M.B., B.S.	1956	Birks, Peter Macintyre, M.B., B.S.	1934
Bennier, Donald John, B.E.	1951	Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	1960
Benskin, Frederick George, M.A. (Oxford, 1900)	1923	Birks, Walter Gordon, M.B., B.S.	1937
Benson, Colin John, M.B., B.S.	1953	Birks, Walter Richard, B.Sc.	1910
Benson, Maurice Bernard, B.A. (London)	1950	Birrell, Archibald Novar, B.E.	1957
Benson, Richard Neville, M.B., B.S.	1953	†Bishop, Anthony Ralph, LL.B.	1961
Benson, William Herbert, M.B., B.S.	1951	Bishop, John Neil, B.Ec.	1958
Bentley, Alan, M.B., B.S.	1953	Bishop, Michael Marriott, B.E.	1960
Bentley, John Donald, B.A.	1951	†Bishop, Peter Joseph, B.E.	1962
Bentley, William James, B.A.	1935	†Bishop, Robert Raymond, B.Sc.	1963
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949	Biswas, Samarendra Nath, Ph.D.	1958
Beretka, Julius Gvula, M.Sc.	1962	Bitmead, Francis Vincent, B.A. (Western Australia, 1949)	1960
Berndt, Kenneth Lewis, B.Sc.	1937	Rittner, Anita, B.A.	1956
B.A.	1943	†Black, Andrew Barham, B.Med.Sc.	1963
†Berndt, Margaret Burgoyne, B.A.	1962	Black, Edward William, Mus.Bac.	1925
Berriman, Ian Palmer, B.E.	1955	Black, Eustace Couper, M.B., B.S.	1910
Berriman, Peter Souter, B.Sc.	1954	B.A.	1957
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered)	1919	Black, James Foster Barham, B.E.	1955
†Berry, Christine, B.A.	1963		
Berry, Frances Winifred, M.A. (B.A., 1915)	1919		
†Berry, Leslie Thomas McCloud, B.Sc.	1962		
Berry, Patricia Dean, B.Sc.	1952		
Berry, Philip Alan, M.Sc. (B.Sc., 1919)	1934		
Berry, Thomas Bruce, B.D.S.	1953		

* Deceased.

† Not yet Members of the Senate.

GRADUATES OF THE UNIVERSITY

1107

Black, Nancy Helen Barham, M.B., B.S.	1951	Boord, Frederick Hughes, B.A.	1956
† Black, Robert Barham, M.B., B.S.	1963	Boord, Leslie, B.E.	1953
Blackburn, Sir Charles Bickerton, B.A.	1893	Booth, Edward Stirling, B.Sc.	1932
Blackburn, Harold Stewart, M.B., B.S.	1942	Booth, Jean Marie, Mus.Bac.	1944
Blackburn, John Stewart, B.A.	1914	† Borchardt, Mary Pauline, B.A.	1961
Blackburn, Margaret Alison, B.A.	1951	Borick, Kevin Vincent, LL.B.	1959
Blackburn, Richard Arthur, B.A.	1939	Borland, Francis Thomas, M.A. (Melbourne)	1952
Blackburn, Robert Stewart, B.D.S.	1941	Boros, Peter George, B.E.	1959
Blackburn, Suzanne Burton, M.B., B.S.	1948	Borrow, Keith Travers, LL.B.	1939
Blacket, Alison Flora, B.A.	1954	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947
Blacket (nee Dickinson), Edith Grace, B.A.	1926	Bosher, Peter Abel, B.E.	1950
Blacket, Margaret Edith Wilmot, B.A.	1960	Bosher, Victor James Marcel, M.Sc. (B.Sc., London)	1949
Blackman, Betty Grace, B.Sc.	1963	Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931)	1938
Blackmore, Lynette Nancy, B.A.	1960	Both, Ross Andrew, B.Sc.	1960
Blackwell, Gerda, B.A.	1958	Botham, John Robert, B.Ag.Sc.	1950
Blades, James Frederick, B.A.	1954	Botten, Robert Gray, M.B., B.S.	1949
Blaess, Frederick John Henry, M.A. (B.A., 1938)	1947	† Bottrill, Dean Edward, B.Ag.Sc.	1961
Blaess, Ronald Frederick, B.A.	1943	Boucaut, James Fenn, LL.B.	1939
Blair, David Scott, B.E.	1949	Boucaut, William Ray Penn, B.Sc.	1958
Blair, Joan Scott, B.A.	1949	Boundy, Clive Alfred Paul, B.E.	1935
Blair, Ruth Margaret, B.A.	1951	Boundy, Rex, B.E.	1923
† Blake, Alastair Joseph, B.Sc.	1962	Boundy, William Stevenson, B.Sc.	1950
Blake, Milton Audley, B.Sc.	1923	Bourke, Elma Marie, B.A.	1933
Blakeway, Lionel Norman, B.A.	1948	Bourke, Herbert Merwin, M.B., B.S.	1922
Blanch, Beverley Ruth, B.Sc.	1956	Bourne, Malcolm Cornelius, B.Sc.	1949
† Blanden, Robert Vincent, B.D.S.	1961	Bowden, John Gilmore, B.Sc.	1954
† Blandy, Charles William Douglas, B.E.	1963	Bowden, Kevin Benjamin, B.E.	1951
† Blandy, Richard John, B.E.C.	1961	Bowden, Wallace Auckland, M.B., B.S.	1953
Blankely, John William, B.Sc.	1961	Bowen, Maurice Emanuel, LL.B.	1956
Blasckett, Alan Charles, B.Sc.	1950	Bower, Cathy Hilary, B.A.	1952
Blasckett, Donald Reginald, B.E.	1940	Howering, Beryl, M.B., B.S.	1933
Blasckett, Kenneth Selway, B.E.	1931	Bowering, Douglas Charles, M.B., B.S.	1954
Blasckett, Malcolm John, B.E.	1959	Bowes, Colin Robert, B.Sc.	1945
Blasckett, Sydney Norman, B.E.	1928	Bowes, Donald Ralph, M.Sc. (B.Sc., 1945)	1948
† Bleby, David John, LL.B.	1963	Bowey, Keith Russell, M.A. (B.A., 1955)	1958
Bleby, Dorothy Aileen, B.A.	1930	Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Bleby, Gordon Edward Henry, LL.B.	1931	Bowey, Ross Richard, M.B., B.S.	1948
Bleby, John Raymond, B.A.	1933	† Bowler, John Kirkpatrick, M.B., B.S.	1937
Bleby, Thelma Evelyn, LL.B.	1923	Bowless, John Raymond, B.Sc.	1961
† Blessing, Neville Victor, B.Sc.	1962	Bowness, Alexander, B.Ec.	1947
Blessing, Rae Flora, B.A.	1947	Bowyer, Donald Albert, B.E.	1957
Blight, John Malcolm, B.Sc.	1950	† Boyce, David Richard, B.Tech.	1962
Blight, Thomas David, B.Sc.	1951	Boyce, Althea Enid, B.A.	1930
Bloomfield, Allan John, B.D.S.	1939	Boyce, Malcolm Herbert, B.Tech.	1960
Bloomfield, Denis Alexander, M.B., B.S.	1956	Boyce, Peter James, B.Tech.	1960
Bloomfield, Jack Lee, B.E.C.	1943	Boyce, Robert William, B.E.	1954
Blown, William Baker, B.E.	1930	Boyce, Sidney Herbert, B.E.	1928
Blum, John, B.D.S.	1955	Boyd, Ashley James, B.Sc.	1960
Boas, Isaac Herbert, B.Sc.	1899	Boylan, Francis Eugene, LL.B.	1953
Bockman, David, M.B., B.S.	1959	Boyle, Kevin William, B.E.	1940
Bodmer, Noel Frederick John, M.B., B.S.	1953	Brabham, Lester Robert, M.D.S. (B.D.S., 1943)	1947
Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949)	1953	Bracken, Roy Andrew, B.E.	1956
Boehm, Jack, LL.B.	1952	Bradbury, Maurice John, B.A.	1947
Boehm, Rolfe Vernon, B.E.	1935	Braddock, James Samuel, B.Tech.	1960
Boehm, Walter Gottlieb, B.A.	1942	Braden, Lyall Arthur, B.Ec.	1944
Boer, Edward Douglas, M.B., B.S.	1959	Bradford, Allan Walter Horace, B.Sc.	1947
† Boettcher, Barry, B.Sc.	1962	Bradley, James, B.Tech.	1959
Bogner, Robert Eugene, M.E. (B.E., 1956)	1948	Bradley, Michael Charles, M.A. (B.A., 1955)	1960
Bolin, Beverley Louise, B.E.	1951	Bragg, Sir Walter John, M.B., B.S.	1960
Bollen, Derek Willoughby, LL.B.	1918	Brahm, Henry William Lawrence, B.A.	1908
Bollen, Kenneth Willoughby, M.B., B.S.	1963	Brain, Patricia Ethel, M.B., B.S.	1957
† Bollen, Michael Dean, M.B., B.S.	1957	Brame, Alan John Fisher, B.E.	1951
Bollen, Peter Willoughby, B.Sc.	1961	Bramwell, Myra Gladys, B.A.	1940
† Bolt, Janet, B.A.	1950	Brand, Ian Allen George, M.B., B.S.	1957
Bond, Leonard Gordon, B.A.	1957	Brandstater, Bernard John, M.B., B.S.	1951
Bond, Roy Douglas, B.Tech.	1924	Brandstater, Rhona, B.Sc.	1949
Bone, Maxwell Harold, B.A.	1938	Bransford, John Andrew, B.Tech.	1960
Bonig, Alois Otto, B.A. (Melbourne, 1959)	1961	Branson, Neil Leslie, B.Ec.	1959
Bonner, Brian Christopher, B.Sc.	1950	Branson, Colin William, B.Ec.	1953
M.B., B.S.	1957	Branson, Dean Martin, M.B., B.S.	1955
Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	1955	† Branson, Harrold Randolph, M.B., B.S.	1921
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947	Branson, Kenneth George, B.Ec.	1961
Bonnin, Lansell, M.B., B.S.	1941	Brasch, Leonard William, B.Sc.	1950
Bonnin, Murray Frew, LL.B.	1936	Brauer, Arne, B.Ec.	1960
Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944	Brauer, Edwin Harold, B.A.	1947
Bonython, Charles Warren, B.Sc.	1928	Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	1905
Bonython, John Langdon, B.A. (Cambridge)	1928	Brauer, Thomas, B.Tech.	1959
Bonython, Richard Martin, B.Ag.Sc.	1957	Braunthal, Norman Frank, B.Ec.	1947
Booker, Robert Franklin, M.A. (B.A., 1927)	1933	Brawn, May, M.A. (B.A., 1922)	1924
Boomer, Robert Garth, B.A.	1962		
Boomsma, Clifford David, M.Sc. (B.Sc., 1946)	1949		
Boon, Kwong Kah, B.E.	1959		

† Not yet Members of the Senate.

Bray, Andrew Mackie, M.E. (B.E., 1950)	1960	Brooks, James Alfred, B.Sc.	1952
Bray, Elva Mildred, B.A.	1941	†Brooks, Jennifer Ann, B.Sc.	1963
Bray, Gildart Harvey, M.A., (Aberdeen, 1890)	1891	Brooks, Joyce Dardanella, B.A.	1945
Bray, Isabel Mary, B.Sc.	1951	Brooks, Merle Olive, B.A.	1947
Bray, John Jefferson, LL.D. (LL.B., 1932)	1937	Brooks, Merlyn Leslie, B.Sc.	1948
Bray, John Marmion, B.Sc.	1942	Brooks, Richard Rodney, B.E.	1935
Bray, Kenneth William Arthur, M.A.	1962	Broomhead, Edwin Norman, M.A. (B.A., 1938)	1940
Bray, Robert Stow, B.Sc.	1942	Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931
Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928)	1930	Brougham, John Harvey, B.E.	1960
Bray, William Harry, LL.B.	1951	Broughton, Rodney Whitfield-Smith, B.E.	1953
Brazel, James Francis, LL.B.	1926	Brous, Michel, M.B., B.S.	1945
Brazier, John Richard, B.A.	1948	Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926
Breakley, Angus James, B.E.	1953	Brown, Cyril Maitland Ash, B.A.	1932
Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939	Brown, Denis Hackett, B.Sc.	1960
Brealey, Keith Lisle, B.Sc.	1951	Brown, Donald Edgar, B.A.	1954
Brearley, Maurice Norman, Ph.D.	1958	Brown, Donald Hamilton, B.E.	1948
Brecher, Charles Ross, LL.B.	1954	Brown, Enid Norma, B.A.	1939
Brebnor, Donald Malcolm, LL.B.	1951	Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914
Bree, Ellen Ruth, B.A.	1942	Brown, Frederick George, B.A. (London, 1898)	1906
Bree, Joan Alison, B.Sc.	1953	B.Sc.	1910
Brentnall, George Rex, M.B., B.S.	1957	†Brown, Garth Raymond, B.Ag.Sc.	1952
Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1956	Brown, Graham Barrett, B.E.	1961
Brett, Peter Robin, B.Sc.	1956	Brown, Geoffrey Frank, B.Sc.	1961
Breynard, Keith Beaumont, B.E.	1954	Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946)	1949
Brice, Annette, B.A.	1937	Brown, Geraldine Whittle, B.Sc.	1924
Brice, Emilie Una, B.A.	1953	Brown, Henry, M.A. (B.A., 1920)	1936
Brice, Helen Elizabeth, B.Sc.	1951	B.Ec.	1938
Brice, John Marshall, B.Sc.	1943	Brown, Howard Arthur, B.E.	1940
Bridson, Hedley Cyril, B.A.	1959	Brown, Ian, B.Sc.	1944
Bridge, Kennedy James, B.A.	1959	Brown, James Howard, M.B., B.S.	1957
†Bridgewater, Franklin Herbert Griffin, M.B., B.S.	1963	Brown, Jennifer May, M.B., B.S.	1954
Bridgland, Milton Deane, B.Sc.	1942	Brown, Joan, B.Sc.	1951
Bridgland, Reginald James, M.E. (B.E., 1930)	1935	Brown, John Arthur Stacy, B.Sc.	1961
Bridland, James Bristock, B.A. (Oxford, 1920)	1926	Brown, Judith Eileen, M.Sc. (B.Sc., 1954)	1950
†Bridgen, Basil Hugh, Ph.D. (Cambridge, 1952)	1963	Brown, Kenneth Aylesbury, B.D.S.	1942
Bright, Charles Hart, B.A.	1934	Brown, Kenneth Barnden, M.B., B.S.	1958
LL.B.	1949	Brown, Laurence Binet, Ph.D. (London, 1954)	1948
Brindal, Rosemary Barbara, M.B., B.S.	1956	Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1956
Brindal, William Harley, B.D.S.	1950	Brown, Margaret, M.B., B.S.	1902
Brisbout, John Augustus Roger, M.B., B.S.	1963	Brown, Mary Home, B.Sc.	1954
Brisenden, Alan Theo, Ph.D. (London, 1962)	1917	Brown, Maurice William, M.B., B.S.	1952
Broadbent, Eric Elihu, M.B., B.S.	1952	Brown, Norman, B.A.	1959
Broadbent, Henry Neil Gribble, B.E.	1954	Brown, Raymond George, Ph.D. (Birmingham, 1956)	1960
Broadbent, Ian Nicholas, M.B., B.S.	1963	Brown, Raymond George, B.Sc.	1945
†Broadbridge, Leonard William, B.Sc.	1954	Brown, Reginald Dutton, B.Ec.	1954
Broadfoot, Kenneth Davidson, B.E.	1961	Brown, Richard Archibald, B.E.	1936
†Brook, Brian James, B.Sc.	1955	Brown, Robert Foster, LL.B.	1959
Brook, Eriand Jeffrey, B.A.	1949	Brown, Roger Norman, Ph.D. (B.Sc., 1952)	1951
Brook, Rex Richard Ashby, M.B., B.S.	1955	Brown, Ross Alvarez, M.B., B.S.	1963
Brook, Robert John, B.E.	1956	Brown, Tasman, M.D.S. (B.D.S., 1950)	1962
Brockhoff, John Ashleigh, B.Sc.	1959	†Brown, Trevor Anthony, B.Tech.	1944
Brockhurst, Peter John, B.Tech.	1934	Brown, Warwick Day, B.Sc.	1960
Brocksopp, John Ernest, LL.B.	1921	Browne, Francis Geoffrey, B.Tech.	1953
Brockway, George Ernest Emerson, B.Sc.	1962	Browne, Noel John, M.B., B.S.	1963
†Broinowski, Helen Mary, M.B., B.S.	1962	†Browne, Patrick Anthony, LL.B.	1928
†Broinowski, Richard Philip, LL.B.	1950	Browne, Philip, M.A. (B.A., 1920)	1959
Brokensha, Peter, B.E.	1962	Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951)	1951
†Brokenshire, Alan Richard, B.Sc.	1946	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	1949
Brookfield, Donald Hamilton, M.B., B.S.	1926	Bruce, Clifford Roy, B.A.	1960
Bronner, Rudolph, M.A. (B.A., 1912)	1949	Bruce, Robert Lake, B.Tech.	1960
Brook, Donald Leslie, B.E.	1962	Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, LL.D. (Cambridge, 1923)	1926
†Brook, John Oliver, B.Sc.	1958	Bruer, Michael Jeffrey Gartrell, B.A.	1960
Brook, Richard John, B.Sc.	1962	Brummit, Donald William, M.B., B.S.	1938
†Brook, Robert Renk, B.Sc.	1939	Brummit, Peter Elliott, M.B., B.S.	1957
Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935)	1925	Brummit, Robert, M.B., B.S.	1955
Brooke, Malcolm Archibald, B.E.	1958	Brunt, Maureen Doris, B.Ec. (B.Com., Melbourne, 1951)	1960
†Brooke, Peter Michael, B.E.	1931	Bryan, Claude John Dennis, M.B., B.S.	1950
Brooke, William Charles Robert, B.E.	1963	Bryan, Peter Kaye, M.B., B.S.	1954
†Brooker, John Owen, B.Sc.	1957	Bryant, Kenneth Hyett, M.B., B.S.	1955
Brooker, Murray Ian Hill, B.Ag.Sc.	1944	†Bryant, Kevin Harry John, B.Sc.	1962
Brookman, Benjamin Edward, M.B., B.S.	1963	†Bryce, Eric Albert, Mus.Bac	1948
†Brookman, Beverley Paquita, B.Sc.	1949	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1963
Brookman, Graham George, B.E.	1937	†Bryson, Helen Anne, B.A.	1961
Brookman, John Gordon, B.E.	1925	†Buhela, Bohdan, B.Sc.	1962
Brookman, John Ragless, M.E. (B.E., 1913)	1951	†Bubner, Kenneth Max, B.A.	1955
Brooks, Brian John, B.E.	1960	Buchan, Howard James, B.Sc. (Sydney, 1950)	1955
Brooks, Bruce Allen, B.E.	1959		
Brooks, Colin Charles, B.Sc.	1963		
†Brooks, David Gordon, B.Tech.	1953		
Brooks, David Stirling, M.E. (B.E., 1955)	1948		
Brooks, David Herbert, B.Sc. (Eng.)	1943		
Brooks, George Buckland, B.Ag.Sc.	1954		
Brooks, Hector Buckland, B.Ag.Sc.	1955		
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955		

* Deceased.

† Not yet Members of the Senate.

Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	1889	Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929)	1938
Campbell, Donald, LL.B.	1911	Cashmore, George Herbert, M.B., B.S.	1927
Campbell, Florence Way, Mus.Bac.	1897	Cashmore, Gillian Frances, B.A.	1960
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Casling, Reginald Herbert, B.E.	1951
Campbell, George McClelland, B.D.S.	1956	Casson, Leslie Frank, M.A. (B.A., 1925)	1928
* Campbell, Gordon Cathcart, B.A. LL.B.	1906	Casson, Paul Bevis, B.Sc.	1935
Campbell, Ian Duncan, B.E.	1909	Castle, Edgar Woods, B.A.	1952
Campbell, Ian George, M.B., B.S.	1955	Castle, Robert Norman, M.B., B.S.	1953
Campbell, Jessie, B.A.	1953	Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957)	1959
Campbell, Jessie, B.A.	1908	Catcheside, David Guthrie, D.Sc. (London)	1952
† Campbell, John Arthur, B.Sc.	1929	Catchlove, Sydney George Leyland, M.B., B.S.	1907
Campbell, Kenneth Bruce Desmond, B.E.	1961	Catchpole, Bernard Newman, M.D. (Manchester, 1959)	1960
Campbell, Kevin Desmond, B.Tech.	1931	Catchpoole, John Roger, B.Sc.	1952
† Campbell, Robert Dean, B.Sc.	1958	Catford, Geoffrey William, B.A.	1959
Campbell, Thomas Draper, D.D.Sc., (B.D.S., 1921)	1961	Cathro, Keith James, Ph.D. (B.E., 1954)	1957
D.Sc.	1923	Cattrall, Robert Walter, B.Sc.	1957
Canaway, Geoffrey Watson, B.E.	1939	Causby, Donald James, B.E.	1950
† Cann, Melvyn Roy, Mus.Bac.	1951	Gaust, David Kennings, M.B., B.S.	1946
Cannell, Cedric James, B.Sc. B.A.	1963	Gaust, Leslie James, M.B., B.S.	1954
Cannell, John Kingerley, B.E.	1931	Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Canning, Albert Edward, B.E.	1943	Cavenett, Brian Clifford, B.Sc.	1960
† Canning, Ronald George, B.Sc.	1959	Cawdle, Robert Ferris, B.E.	1951
Canny, Kevin Francis, LL.B.	1949	Cawte, Frederick George Nelson, B.A.	1943
Canny, Nicholas Joseph, B.Sc.	1962	Cawte, John Ewart, M.D. (M.B., B.S., 1949)	1961
Cant, Alistair McKinnon, B.A.	1953	† Cawthron, Edward Robert, B.Sc.	1963
† Cant, Alistar Bevan McKinnon, M.B., B.S.	1947	Cellier, Kevyn Meylan, B.Sc.	1955
Cant, Elizabeth Laurence McKinnon, B.Sc. M.B., B.S.	1939	† Chadwick, Maxwell Clarence, B.Tech.	1963
* Cant, Harry Arundale, B.Sc.	1962	Chai, Hon-Chan, M.A. (B.A., 1959)	1961
Cant, Isobel Brown, B.A.	1959	Chalklen, Gwendoline Elizabeth, B.A.	1930
Cant, Rodney Revett, B.Ag.Sc.	1924	Chalklen, Roland John, B.A.	1956
Cantlon, Bryon Ernest Charles, B.Tech.	1954	† Chalmers, Ainsley Howard, B.Sc.	1962
Capon, Ian Nicholas, B.Sc.	1949	† Chamberlain, Dawn, B.A.	1962
Carapetis, Steve, B.Tech.	1959	Chamberlain, Reginald Roderic St. Clair, LL.B.	1922
Carasso, Alfred Samuel, B.Sc.	1957	Chambers, Gordon Manson, M.B., B.S.	1957
Carden, David, M.B., B.S.	1958	Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933
Carey, Edward John, B.Ec.	1946	Chan, Chee Wah, M.E. (B.E., 1959)	1963
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906)	1924	Chan, Kong Lam, M.B., B.S.	1956
Carey, Gerald David, B.Ec.	1958	† Chan, Man Fai, B.D.S.	1963
Carey, John Gilbert, B.Sc.	1954	Chan, Sau Kam, Mary Bernadette, M.B., B.S.	1960
Carman, Robert Douglas, M.S. (M.B., B.S., 1939)	1948	Chan, Wah Tim, Henry, B.E.	1960
Carman, Stephen Hewett, LL.B.	1936	Chandler, Arthur James, M.B., B.S.	1927
Carman, Noel Francis, B.A.	1947	† Chandler, Bruce Stanford, B.Sc.	1962
Carmichael, Donald Ross, B.A.	1950	† Chandler, Claire Elizabeth, B.A.	1962
Carmichael, Graeme Galloway, M.B., B.S. (M.B., B.Ch. Cambridge, 1954)	1963	† Chandler, Graham Stanford, B.Sc.	1961
† Carmichael, Keith Ernest, B.E.	1963	Chandran, Saravanamuthu, M.B., B.S.	1960
Carne, Alfred George, B.A.	1912	Chant, Barry Mostyn, B.A.	1960
Carne, Ian Hamilton, B.E.	1940	† Chantrill, David Ross, B.Tech.	1963
† Carney, John Malcolm, M.B., B.S.	1962	Chaplin, Denis Howard, B.Tech.	1959
Carpenter, James Alfred, Ph.D. (W.A., 1962)	1963	Chapman, Arthur Horsley, B.E.	1927
Carr, Emma Lucy, B.A.	1917	Chapman, Denise Alcon, B.A.	1960
† Carr, Robert Edward, B.Ec.	1962	Chapman, Ernest Stirling, B.D.S.	1928
Carrail, Robert Murray, B.Ag.Sc.	1953	† Chapman, Fay Horsley, B.Sc.	1961
Carrall, Mary Philomena, B.A.	1933	Chapman, Frank Hewett, LL.B.	1930
† Carruthers, Alfred Lloyd Harvey, B.Ec.	1957	Chapman, Gilbert Wesley, M.B., B.S.	1955
† Carruthers, Stewart Ross, B.Tech.	1961	Chapman, John Marsden, B.A.	1934
Carter, Alan Norval, M.Sc.	1954	Chapman, John Pearce, Mus.Bac.	1960
Carter, Alexander John, B.Sc.	1957	Chapman, Peter Noel, B.D.S.	1952
Carter, Charles Robert, B.Sc.	1947	† Chapman, Phillip John, M.B., B.S.	1963
Carter, Edward Diment, B.Ag.Sc.	1949	Chapman, Stanley Bertram, B.Sc. B.E.	1931
Carter, Elijah, LL.B.	1957	Chapman, William Glanville, B.E.	1934
Carter, Elizabeth Reay, B.A.	1942	Chappel, Shirley Joan, B.A.	1959
Carter, Frank Killingbeck, B.Sc.	1922	Chappell, John Francis, B.E.	1952
† Carter, Graham Elliot, LL.B.	1961	Chappell, John Graham, B.Sc.	1950
Carter, Ian Dan, M.B., B.S.	1952	Chappell, William Thomas, M.B., B.S.	1953
Carter, Ida Jane, B.A.	1918	Chapple, Alfred, B.Sc.	1894
Carter, Maurice Vernon, M.Ag.Sc. (B.Ag.Sc., 1951)	1957	Chapple, Colin Frederic, M.B., B.S.	1936
Carter, Maxwell John, B.Sc.	1948	Chapple, Harold, B.Sc.	1900
Carter, Melville Lionel, M.B., B.S.	1953	Chapple, Phoebe, B.Sc.	1898
Carter, Rodney Frederick, M.B., B.S.	1959	M.B., B.S.	1904
Carthew, Allen Rex, B.Sc.	1949	Chard, June Myra, M.B., B.S.	1947
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Charlesworth, George Harvey, B.A.	1953
Carthew, John, B.E.	1952	Charlesworth, Thomas William, M.A., (B.A., 1925)	1932
Carthew, Lancelot, B.A.	1932	Charmock, John Stewart, Ph.D. (B.Sc., 1956)	1962
Cartledge, Jack Pickering, LL.B.	1921	Charter, Brian, B.E.	1958
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950)	1953
Casals, Joel Canonigo, B.E.	1960	Chase, Brian Collison, B.E.	1956
Cashin, Ronald James, B.Tech.	1960	Cheah, Dolly, M.Sc. (B.Sc., 1959)	1962
		Cheah, Sim Huat, M.B., B.S.	1957
		Cheek, Allison Mary, B.A.	1949
		Cheek, Bruce Mansfield, M.A. (B.A., 1947)	1949

* Deceased.

† Not yet Members of the Senate.

Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953	Clark, Annie Winifred, M.B. B.S.	1922
Cheek, Nancy Olive, M.B., B.S.	1942	Clark, Archie Septimus, B.Sc.	1900
Cheeseman, Andrew Walford, B.A.	1959	Clark, Eunice Jean, B.Sc.	1952
Cheesman, Graham Frank, M.B., B.S.	1946	Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948
Chelley, Thelma Loraine, B.Sc.	1954	Clark, Henry William, B.A.	1951
Chenell, John Gordon Peake, B.Sc.	1951	Clark, Hugh Rodney, M.E. (B.E., 1934)	1938
B.Tech.	1962	Clark, James Blyth, LL.B.	1953
Cheney, Kevin, M.B., B.S.	1956	Clark, John Francis, B.D.S.	1922
† Cheng, Chung Kwong, Peter, B.D.S.	1962	Clark, John Osborne, LL.B.	1941
† Chong, Choong Kong, B.Sc.	1963	Clark, John Symonds, B.E.	1951
Cherry, Aileen Percival, B.A.	1934	Clark, Lesley Helen, B.Sc.	1955
M.B., B.S.	1949	Clark, Mary Patricia, B.A.	1951
Cherry, Edward Percival, M.B., B.S.	1938	† Clark, Meredith Joan, B.Sc.	1963
Cherry, Robert James, B.Tech.	1960	Clark, Pauline, B.Sc.	1948
Chesney, David Alexander, B.Sc.	1954	Clark, Robert John, LL.B.	1933
B.A.	1957	† Clark, Ronald James, B.Tech.	1962
Chester, Harry Leonard, M.B., B.S.	1925	† Clark, Sandford Delbridge, LL.B.	1962
Chester, Leonard Raymond, B.Sc.	1951	Clark, William Raymond, B.E.	1961
Chesterman, Harry Martin, B.E.	1950	† Clarke, Alfred Robert Price, B. Tech.	1952
† Cheug Hok Hoi, B.D.S.	1961	Clarke, Allan Lawrence, B.Ag.Sc.	1951
Chew, Chong Kan, M.B., B.S.	1957	Clarke, Andrew Michael Fausset, M.B., B.S.	1945
Chibnall, Helen, B.Sc.	1944	Clarke, Brian Russell, B.Sc.	1950
† Chicco, Bruno, B.Tech.	1963	Clarke, Geoffrey David, B.D.S.	1934
Chick, John Bertram, B.Sc.	1948	Clarke, Harold Vernon, B.D.S.	1942
M.B., B.S.	1955	Clarke, Miles de Courcy, M.B., B.S.	1962
Chick, Malcolm, B.Sc.	1958	† Clarke, Peter Harold, B.E.	1948
Chignell, Arthur Kent, B.A.	1900	Clarke, Phil Gregory, B.A.	1939
Child, Marie Beatrice, B.A.	1926	Clarke, Reginald Harry, B.Sc.	1942
Childs, John Tothill, B.D.S.	1952	Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956
Childs, Peter Anthony, M.B., B.S.	1953	Clarkson, Alan James, M.B., B.S.	1934
† Chin, Yoon Fook, M.B., B.S.	1947	† Clarkson, Anthony Russell, M.B., B.S.	1963
Chinner, Beryl Esther, Mus.Bac.	1961	Clarkson, Colin Lloyd, B.Sc.	1950
† Chinner, Christine Elizabeth, B.A.	1955	† Clarkson, Donald Ian, M.B., B.S.	1963
Chinner, Graham Alan, M.Sc. (B.Sc., 1953)	1955	Clarkson, Roger Philip, M.B., B.S.	1956
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925)	1938	Clarnette, David Leon, M.B., B.S.	1959
Chittleborough, Glen, B.Sc.	1956	Claxton, Lindsay Grahame, B.E.	1955
Chittleborough, Jeffrey David, B.Sc.	1951	† Clay, Roger Edgecumbe, B.Ag.Sc.	1962
Chittleborough, John Lincoln, B.E.	1956	Clayer, John Reeves, M.B., B.S.	1960
Chittleborough, Laurel Evelyn, B.A.	1947	Clayton, Arthur Ross, M.B., B.S.	1902
Chittleborough, Lyall, B.A.	1960	Clayton, John Graham, B.E.	1959
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948)	1952	Clayton, John Jesson, B.E.	1957
Chmeliauskas, Stasys, B.A. (Ph.D., Leipzig, 1944)	1954	† Clayton, Kenneth Ross, B.A.	1963
† Cho, Shue Nam, B.Sc.	1961	Clayton, Sally Jeanette, B.A.	1954
Choate, Max Paul, B.A.	1950	† Clegg, Dorothy Maureen, B.A.	1961
† Chong, Boon Koh, Michael, B.A.	1961	Clegg, Michael John, B.E.	1960
Chong, Chee Tsun, M.B., B.S.	1959	Cleggett, Edith, B.A.	1921
† Chong, Chow Pang, B.E.	1961	Cleggett, Lloyd, B.A.	1955
Chong, Peng Wah, B.Sc.	1960	Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935
† Chong, Toh Kuan, B.E.	1963	Cleland, James Lindsay, B.A.	1954
† Chong, Toh Sum, B.E.	1963	Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947
Chong, Yoon Hin, B.Sc.	1958	Cleland, Sir John Burton, M.B. (Sydney 1902)	1902
Choo, Chek Juan, B.Ec.	1956	Cleland, Michael Edward Erskine, LL.B.	1951
Choo, Soo Bin, B.D.S.	1957	Cleland, Pamela Mary, B.A.	1949
Choo, Suat Bee, B.Sc.	1959	LL.B.	1956
† Choong, Thong Cheong, B.E.	1962	Cleland, Peter Fullerton, LL.B.	1947
Chopra, Pran Nath, B.A.	1963	Cleland, William Paton, M.B., B.S.	1934
Chow, Ching Thim, M.B., B.S.	1963	† Clements, John Wreford, B.A.	1963
† Chow, Huk Wing, B.D.S.	1961	Clements, Trevor Murray, B.D.S.	1950
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953)	1958	Clendinnen, Ian Jeffrey, B.Sc.	1952
Christie, Margaret, B.A.	1945	M.B., B.S.	1959
Christie, Patrick Joseph, LL.B.	1925	Clezy, John Kenneth Albert, M.B., B.S.	1954
Christie, William, M.B., B.S.	1925	Clezy, Trevor Munro, M.B., B.S.	1958
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945)	1956	Clift, Lawrence Henry Marcus, B.A.	1951
Christophersen, Jack Vivian, B.D.S.	1927	† Clisby, Reginald Victor, B.A.	1961
Chuah, Kim Leong, B.Sc.	1959	Clisby, Robert Leonard, B.E.	1954
Chung, Sooi Kong, M.B., B.S.	1960	B.Ec.	1960
Church, Jack Raymond, B.Sc.	1949	Clode, Ailsa Marjorie, B.A.	1928
Church, John Henry, M.A. (B.A., 1932)	1934	Close, Frank William, B.Sc.	1931
Church, Keith Neville, B.E.	1951	Close, Mary Frances, B.A.	1940
Churchward, Spencer, M.A. (B.A., 1900)	1903	° Close, Maynard Davidson, B.A.	1938
Churchward, Stella Mary, B.Sc.	1904	Close, Ronald Wilkinson, B.Sc.	1929
† Chye, Toh Cheong, B.Sc.	1963	Close, Rosemary Jocelyn, M.B., B.S.	1947
Cibiras, Stasys, LL.B.	1958	† Close, Susan Elizabeth, B.A.	1962
† Cigler, James, B.Ec.	1962	Close, Walter John Westcott, M.S., (M.B., B.S., 1913)	1929
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918)	1922	Clothier, Eric Andrews, B.E.	1958
† Clague, Dennis John, B.Sc.	1962	Coaldrake, John Edward, M.Sc. (B.Sc., 1949)	1951
† Clancy, Peter Allan, B.A.	1962	Coat, Jillian Irene, B.Ec.	1958
Clapp, Cedric Norman, B.D.S.	1938	Coates, Dorothy Ravelle, M.B., B.S.	1949
Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960	Coates, John Hewlett, Ph.D.	1958
Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959	Coates, John Richard, M.B., B.S.	1944
Claridge, Philip George Brian, B.E.	1954	Coats, Claude Hampson, M.A. (B.A., 1927)	1929
		Coats, Douglas Alan, M.B., B.S.	1946
		Coats, Geraldine Dulcie, B.Sc.	1951
		† Coats, Glen Clarence, B.Tech.	1963

° Deceased.

† Not yet Members of the Senate.

Coats, Lloyd Stewart, M.B., B.S.	1957	†Colyer, Ian Geoffrey, B.Ec.	1961
Cochrane, Gordon Ross, M.A. (New Zealand, 1955)	1957	Comley, Charles Herbert, M.A. (B.A., 1906) B.Sc.	1910
Cock, Alexa Beatrice, B.A.	1921	Conant, James Bryant, D.Sc. (Sc.D., Columbia)	1951
Cock, Herbert Edward, B.D.S.	1941	Condon, Robert Francis, B.Sc.	1940
Cock, Leonard Ambrose, M.B., B.S.	1932	M.B., B.S.	1946
Cockburn, Andrew Syme, M.B., B.S.	1954	Conley, William Michael, B.Ag.Sc.	1958
†Cockburn, Ian Charles, B.E.	1963	†Connole, Patricia Ann, B.A.	1961
†Cockburn, Jeanette Minna, B.A.	1961	Connor, Brian Anthony, M.B., B.S.	1953
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934	Connor, John Leo, B.A.	1935
Cockburn, Malcolm, B.Ec.	1958	Conroy, Keith Douglas, B.E.	1952
Cockburn, Patricia, B.A.	1944	†Contos, Cecil, B.Tech.	1961
Cockburn, Robert Forbes, B.E.	1933	Conybeare, William James, B.A. (Cambridge, 1894)	1895
Cockburn, Robert Francis, B.E.	1957	Cook, Adrian Hartley, B.A.	1952
Cocks, Alan Malcolm Vavdrey, M.B., B.S.	1946	Cook, Ernest Peter, B.E.	1929
Cocks, Alec Douglas, B.D.S.	1924	Cook, Gordon James, B.Ec.	1941
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939	Cook, Hugh David, M.B., B.S.	1953
Cocks, Bruce Gordon, B.D.S.	1952	†Cook, Ian Bracewell, B.Tech.	1962
Cocks, Edward Desmond, M.B., B.S.	1942	Cook, John Reginald Hayden, B.A. (B.A. (Econ.), Manchester, 1949)	1963
Cocks, Keith Trestrail, B.Ec.	1956	Cook, Ronald Bruce, B.E.	1957
†Cocks, Philip Stanley, B.Ag.Sc.	1961	Cooke, Allan George, B.E.	1945
Cocks, Sydney Gordon, B.D.S.	1925	B.Sc.	1952
†Codd, Michael Henry, B.Ec.	1961	Cooke, Barbara Terment, B.Sc.	1936
Coffey, Dennison Dean, LL.B.	1953	Cooke, David John, B.E.	1954
Coggins, Harold Douglas, B.Sc.	1951	Cooke, Florence Emmeline, Mus.Bac.	1900
Coggins, Robert Symes, B.Sc.	1949	Cooke, Frank Edward, B.Sc.	1950
B.A.	1954	Cooke, James Alexander Elder, B.Ag.Sc.	1960
Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958	Cooke, Peter Terment, B.Sc.	1931
Coghlan, Marie Teresa Clare, B.A.	1928	Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938)	1960
Cohen, Alexander Kevin, M.B., B.S.	1950	Cooke, Theodore John Lloyd, M.B., B.S.	1956
Cohen, Brian Garland Dunstan, M.B., B.S.	1957	Cooling, Max Sylvester, M.B., B.S.	1944
Cohen, Harry, M.B., B.S.	1955	Coombe, Alec Holloway, M.A. (B.A., 1924)	1933
Cohen, Lena Sybil, B.A.	1934	Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948)	1957
†Coin, Susan Mary, B.A.	1963	Coombe, Harold Robert, B.D.S.	1923
Colby, Eunice Mary, B.Sc.	1949	Coombe, Murray Taylor, B.Sc.	1942
Cole, Anthony Haslam, B.Sc.	1953	Coombe, Reginald Joseph, LL.B.	1923
Cole, Cyril Richard, B.Sc.	1914	Coombe, Robert John, B.D.S.	1950
Cole, Joan Margaret, B.Sc.	1957	Coombe, Samuel Walter, B.A.	1919
Cole, Jonathan Haslam, B.A.	1954	Coombe, Toderick Edward, B.D.S.	1952
Cole, Reuben Herbert George, B.Sc.	1950	Coonan, Edward Raymond, B.Ec.	1955
Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Cooney, James Marcus, B.Tech.	1958
Cole, Thomas Haslam, LL.B.	1922	Cooper, Adrian Harry Campbell, B.A.	1935
Colebatch, Gordon Thomas, B.E.	1932	Cooper, Catherine Margaret, LL.B.	1954
Colebatch, Hal John Hester, M.B., B.S.	1951	Cooper, Christopher John, M.B., B.S.	1959
Colebatch, John Houghton, M.B., B.S.	1933	Cooper, Constance May, M.B., B.S.	1904
Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906	†Cooper, Dennis Neil, B.E.	1963
Coleman, Arthur Paul, B.E.	1948	†Cooper, Desmond Wishart, B.Sc.	1961
Coleman, Isobel Beryl Jean, B.A.	1939	Cooper, Donald Counter, M.B., B.S.	1921
Coleman, James Terence, LL.B.	1952	†Cooper, Elisabeth Ann, M.B., B.S.	1963
Coleman, John Patrick, B.Ec.	1960	Cooper, Kenneth Francis, M.B., B.S.	1929
Coleman, Margaret Christine, B.A.	1945	Cooper, Maxwell, B.Sc.	1950
†Coles, Gervase John Laurence, LL.B.	1961	Cooper, Peter George, B.Tech.	1960
Coles, Margaret Elizabeth, B.Sc.	1945	Cooper, Richard Edgar, B.Sc.	1960
Coles, Mignonette, B.A.	1912	Cooper, Thomas Edwards, B.E.	1922
Coles, Philip Douglas, B.A.	1936	Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered)	1913
†Collier, Alan William Gordon, B.E.	1963	Coote, George Gilbert, B.Sc.	1931
Collins, Allen Geoffrey, M.B., B.S.	1956	B.A.	1939
Collins, Charles Vincent, B.A.	1931	Cooter, Robert Benjamin, M.B., B.S.	1952
†Collins, David Anthony, B.E.	1962	Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia)	1958
Collins, Frank Miles, Ph.D. (M.Sc., 1952; B.Sc., 1950)	1962	Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Collins, Frank Sandford, B.E.	1942	Coppock, Barrie William, B.Tech.	1960
Collins, John Malcolm, M.B., B.S.	1952	†Corbett, Anthony John Sherwood, M.B., B.S.	1963
Collins, Kenneth Ernest, M.B., B.S.	1960	†Corbett, John Francis, B.Sc.	1961
Collins, Leslie William Nettell, B.E.	1931	Corbett, John Vincent, B.Sc.	1960
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918	Corbin, Clive Wilson, B.E.	1932
Collison, Bayfield Ian, LL.B.	1958	†Corbin, Elizabeth Mary, B.A.	1963
†Colliver, Anthony David, B.E.	1962	Corbin, Horace Hugh, B.Sc. (London, 1904)	1913
†Colman, Robert Malcolm, B.Sc.	1962	Corbin, John Ogilvie, M.B., B.S.	1933
Colman, William Russell Goodwin, B.E.	1922	Corbin, Katherine Anne, LL.B.	1941
Colmer, John Anthony, Ph.D. (London, 1955)	1962	Cormier, Kathleen, B.A.	1943
Colquhoun, Harold George, M.B., B.S.	1960	Cornelius, Muriel Merle, B.A.	1951
†Colquhoun, Jillian Patricia, B.Sc.	1961	†Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938
Colquhoun, Lindsay Talbot, B.D.S.	1956	Cornell, Philippa Sinclair, B.A.	1956
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933	Corney, Eric Ronald, M.A. (B.A., 1936)	1937
Colton, John Blacker, LL.B.	1941	Cornish, Alan Alfred Ernest, B.E.	1939
Colton, Robert Stirling, M.D. (M.B., B.S., 1944)	1960	Cornish, Anne Claire, B.A.	1949
Colvill, Anthony John Ernest, B.Sc.	1959	†Cornish, Brian Edmund, B.Sc.	1961
†Colvill, Marie, B.Sc.	1962	Cornish, Brian Leslie, M.B., B.S.	1947
Colville, Arthur Landseer, LL.B.	1905	Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940)	1951
Colville, John Stuart, M.Sc. (B.Sc., 1948)	1958		
B.A.	1962		

† Not yet Members of the Senate.

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, Graeme Edward Morris, B.E.	1961
† Correll, Raymond Leaty, B.Sc.	1963
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
† Cosh, Robert Clarence, B.Ec.	1962
Cottell, Dorothy Jean, B.A.	1940
Cottew, Geoffrey Selkirk, M.Sc. (B.Sc., 1949)	1962
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
† Cotton, Robert Tilney, M.B., B.S.	1961
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
Covertton, 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.	1940
Coward, Kenneth Laurence Brooke, M.B., B.S.	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, David William, M.B., B.S.	1961
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, Margaret Helen, B.A.	1962
Cox, Norman Charles, B.E.	1951
Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Cox, Ronald Ian, Ph.D. (Edinburgh, 1952)	1963
Cox, Rudolph William Arthur, B.E.	1921
Cox, William Frederick, B.Sc.	1955
† Coxell, Kenneth Roy, B.E.	1962
Crabbe, Gavin Murray, M.B., B.S.	1927
† Crafter, Kenneth Charles, M.B., B.S.	1944
† Craig, Graham Douglas, M.B., B.S.	1963
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.	1954
† Crammond, Peter Clifford, B.E.	1956
† Crammond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1961
Cramond, Margaret Mary Alyn, B.A.	1945
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923)	1952
Cran, James Alexander, B.D.S., (B.D.Sc. (Q's'd., 1936)	1926
D.D.Sc. (M.D.S., 1952)	1949
	1961
Crane, Alexander Herbert (B.Sc.)	1926
Crane, Greta Ruby, B.Ec.	1937
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
Craven, Dilys Mary, M.B., B.S. (M.B., B.Ch., Wales, 1943)	1963
Crawford, Arthur Raymond, M.Sc.	1961
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.	1958
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.D.S., 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, Peter Leonard, B.Sc.	1961
Crook, Richard Dallas, B.Sc.	1940
Crook, Walter Ralph, B.E.	1953
Cropley, Arthur John, B.A.	1957
Cropley, Frederick Waterton, B.E.	1932
† Cropley, Keith Haywood, B.Tech. (B.E., 1937)	1962
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.	1930
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Crowcroft, William Peter, Ph.D. (D.Phil. Oxford, 1954)	1963
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)	1940
Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957
Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932
Cruickshank, Donella Heather, M.Sc.	1943
Crump, Cecil Charles, LL.B.	1923
B.A.	1935
Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932
† Culley, Murdoch, B.E.	1962
Cullity, Thomas Brendan, M.B., B.S.	1947
† Culshaw, Eileen Anne, B.Sc.	1963
Culshaw, George Vincent, LL.B.	1927
Culshaw, George Vincent, B.E.	1959
† Culshaw, Thomas Anthony, B.Sc.	1961
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
Curnov (nee Gilham), Doreen, B.A.	1950
LL.B.	1958

* Deceased.

† Not yet Members of the Senate.

Curnow, Ellen Isabel, B.A. - - - - -	1959	Davis, Bruce Raymond, B.E. - - - - -	1960
†Curnow, Richard Stewart, M.B., B.S. - - - - -	1962	B.Sc. - - - - -	1963
Curry, Allan Ralph, B.E. - - - - -	1949	Davis, Christine Joyce, B.A. - - - - -	1937
Curtin, John Francis, B.Tech. - - - - -	1960	Davis, Clive, B.Sc. - - - - -	1951
Curtis, Lawrence Gordon, B.Ec. - - - - -	1959	Davis, David, B.A. - - - - -	1906
Cusack, John Charles, B.Sc. - - - - -	1954	†Davis, Douglas Marshall, B.A. - - - - -	1962
Cussen, Nan Woodforde, B.A. - - - - -	1935	Davis, Edward Bruce, B.Sc. - - - - -	1949
Custance, Harold Maxwell, B.Sc. - - - - -	1941	Davis, Frederick Harry, B.A. - - - - -	1955
Custance, John Kentish, B.E. - - - - -	1947	Davis, Harold Julian, M.B., B.S. - - - - -	1927
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc. - - - - -	1953	Davis, Henry Hargan, B.E. (Sydney, 1943) - - - - -	1947
†Cutten, Dean Robert, B.Sc. - - - - -	1963	Davis, Hubert Garth, M.B., B.S. - - - - -	1937
†Cutten, Judith Ann, B.A. - - - - -	1959	Davis, John Alexander, B.E. - - - - -	1929
†Czigler, Ernest Ivan, B.Tech. - - - - -	1963	Davis, Kingsley, B.E. - - - - -	1950
D		†Davis, Legh Hewitson, B.Ec. - - - - -	1962
Dack, Thomas, B.A. - - - - -	1936	Davis, Margaret Lily, B.A. - - - - -	1955
Daddow, Henry Howard, B.A. - - - - -	1940	Davis, Ray, B.Sc. - - - - -	1915
Daenke, Lachlan Lewis, B.D.S. - - - - -	1950	Davis, Robert Bruce, B.A. - - - - -	1948
Daily Brian, Ph.D. (B.Sc., 1952) - - - - -	1957	Davis, Robert George, B.Sc. - - - - -	1951
†Dainis, Andrew, B.Sc. - - - - -	1962	Davis, Robert Keith, B.Ec. - - - - -	1960
†Dainis, Ivars, B.Sc. - - - - -	1963	†Davis, Robert William, B.Ec. - - - - -	1963
Dainius, Vytautas Peter, M.B., B.S. - - - - -	1959	†Davis, Ronald Lindsay, B.Sc. - - - - -	1963
†Dalby, Robert, B.Arch. - - - - -	1961	Davivongs, Virapunt, M.Sc. - - - - -	1963
Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959) - - - - -	1962	Davoren, John Joseph, LL.B. - - - - -	1922
Dallwitz, Walter Berthold, B.A. - - - - -	1940	Davy, Arthur Francis, B.D.S. - - - - -	1951
M.Sc. - - - - -	1943	Daw, Arthur Baden Secombe, B.Ec. - - - - -	1957
Dally, Frederick George, M.B., B.S. - - - - -	1956	Daw, Francis Alan, B.Sc. - - - - -	1945
Dally, John Alton, B.A. - - - - -	1956	Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928) - - - - -	1959
Daltry, Kate, M.A. (B.A., 1922) - - - - -	1924	Dawes, Walter Ernest, B.A. - - - - -	1954
Daly, David James, M.B., B.S. - - - - -	1952	Dawkins, Albert Norman, B.E. - - - - -	1922
†Daly, James Dennis, B.Tech. - - - - -	1961	Dawkins, Alec Letts, M.B., B.S. - - - - -	1927
Daly, Lawrence John, B.E. - - - - -	1951	Dawkins, Alfred Ernest, B.Sc. - - - - -	1912
Daly, Lewis John, B.A. - - - - -	1953	Dawkins, Donald Campbell, M.B., B.S. - - - - -	1939
Daly, Lyndsay James, M.B., B.S. - - - - -	1954	Dawkins, Margaret Ina, B.A. - - - - -	1938
Dalziel, Francis Robert, Ph.D. (Aberdeen, 1960) - - - - -	1963	*Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899) - - - - -	1920
Dalziel, Lawrence Henry, B.A. - - - - -	1949	Dawson, Alfred Lisle, B.Sc. - - - - -	1926
Daniell, Aileen Edna, B.A. - - - - -	1950	Dawson, Anthony James, M.E. (B.E., 1959) - - - - -	1962
Daniels, Brian William, M.B., B.S. - - - - -	1957	Dawson, David Lancelot, B.A. - - - - -	1934
†Daniels, Verna Kay, B.A. - - - - -	1963	Dawson, Geoffrey Dean, B.E. - - - - -	1937
†Danielsen, Fredrick Graham, B.Sc. - - - - -	1962	Dawson, Joseph Bernard, M.D. (London, 1911) - - - - -	1920
†Danvers, Ronald Anthony, B.Arch. - - - - -	1949	Dawson, Michael Dean, M.B., B.S. - - - - -	1942
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945) - - - - -	1963	Dawson, William Inglis, M.B., B.S. - - - - -	1957
†Darling, Marlene Elsie, B.A. - - - - -	1963	Day, Alison Chapman, B.Sc. - - - - -	1947
Darr, David James, B.Sc. - - - - -	1955	Day, Allan John, M.Sc. (B.Sc., 1947) - - - - -	1950
Darragh, Peter John, B.Sc. - - - - -	1950	M.D. (M.B., B.S., 1954) - - - - -	1957
Darskus, Rolf Ludwig, B.Sc. - - - - -	1958	†Day, Basil Hedley Stanton, B.Tech. - - - - -	1961
Dart, Ralph John, B.E. - - - - -	1915	Day, Graham John, B.D.S. - - - - -	1951
Darwin, Errol Raffael Henry, B.Sc. - - - - -	1907	†Day, Jennifer Ann, B.A. - - - - -	1962
Darwin, Lisle Julius, M.A. (B.A., 1905) - - - - -	1910	Day, John Bice, B.D.S. - - - - -	1944
†Darzins, Andris Peteris, M.B., B.S. - - - - -	1961	Day, Kathleen Emily, B.Sc. - - - - -	1931
Davenport, John, M.B., B.S. - - - - -	1952	†Day, Laverne Frank, B.Ec. - - - - -	1963
*Davey, Constance Muriel, M.A. - - - - -	1918	Day, Peter Julian, B.E. - - - - -	1959
Davey, Esther Marion, B.Sc. - - - - -	1915	Day, Robert Sydney, M.B., B.S. - - - - -	1934
†Davey, Graham John, B.E. - - - - -	1961	Deam, Robert Joseph, B.Sc. - - - - -	1942
Davey, Laurence Llewellyn, M.B., B.S. - - - - -	1913	Deacon, Glen Berenger, Ph.D. (B.Sc., 1957) - - - - -	1962
Davey, Lloyd Ernest, B.E. - - - - -	1960	Dean, Harry Michael, M.B., B.S. (B.Med.Sc., 1960) - - - - -	1963
Davey, Martin Geoffrey, M.B., B.S. (Sydney, 1960) - - - - -	1963	†Dean, Margaret Emily, M.B., B.S. - - - - -	1962
†Davey, Nell Barbara, B.Sc. - - - - -	1963	Deans, Absalom, B.A. - - - - -	1912
Davey, Roy Herbert, B.Sc. - - - - -	1920	†Dearlove, Carolyn Harriet, M.B., B.S. - - - - -	1962
Davey, Victor Stanley, B.E. - - - - -	1955	Dearlove, Thomas Pearce, M.B., B.S. - - - - -	1942
David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures, 1955) - - - - -	1962	Dearman, Cyril Henry, B.E. - - - - -	1950
David, Daniel Arthur, M.A. - - - - -	1930	Debelle, Bruce Malcolm, LL.B. - - - - -	1961
David, John Fairhall, B.A. - - - - -	1952	De Boelme, Cecil Brooks, LL.B. - - - - -	1931
B.Ec. - - - - -	1955	De Ceun, Neil, B.E. - - - - -	1951
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953) - - - - -	1956	Deer, John Gregory, B.Sc. - - - - -	1948
†Davidson, Jennifer Dulcie, B.A. - - - - -	1962	Deer, William Henry, B.E. - - - - -	1950
Davidson, Robert Thomas, M.B., B.S. - - - - -	1951	de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958) - - - - -	1959
Davidson, Roy Laidlaw, B.A. - - - - -	1907	†Del Fabbro, Anthony John, B.Sc. - - - - -	1961
Davie, Robert Samuel, B.E. - - - - -	1955	Deland (nee Robjohns), Annie Joan, B.A. - - - - -	1923
Davies, David Llywelyn, M.B., B.S. - - - - -	1943	Deland, Charles Mervyn, M.B., B.S. - - - - -	1924
Davies, Donald John, B.E. - - - - -	1955	Deland, Curtis George, M.B., B.S. - - - - -	1955
Davies, Donald Laurence, B.E. - - - - -	1951	Deland, Peter Leonard, B.Sc. - - - - -	1955
Davies, Ernest Salter, M.A. (Oxford) - - - - -	1937	Deland, Raymond John, B.Sc. - - - - -	1947
†Davies, Glyn Anthony, M.B., B.S. - - - - -	1963	Deller, Donald John, M.B., B.S. (Sydney, 1954) - - - - -	1962
†Davies, Jonathon, A.U.A. (Pharmacy), M.B., B.S. - - - - -	1963	Dellow, Peter Glynn, B.D.S. - - - - -	1949
Davies, Myfyr Bryn, M.A. (Oxford, 1941) - - - - -	1953	M.B., B.S. - - - - -	1957
Davies, Norma Esther, M.B., B.S. - - - - -	1953	Delmont, William George, B.D.S. - - - - -	1932
Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947) - - - - -	1951	Delprat, Lica, M.B., B.S. - - - - -	1910
Davies, Rodney Deane, M.Sc. (B.Sc., 1950) - - - - -	1953	Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - - - -	1909
Davies, Sheila Caroline, B.A. - - - - -	1948	†Dempster, Beryl Joan, B.A. - - - - -	1963
*Davies, William Laurence, B.A. - - - - -	1914	Denby, Ernest Frank, B.Sc. - - - - -	1951
Davis, Brian, B.Ec. - - - - -	1955	Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952) - - - - -	1960

* Deceased.

† Not yet Members of the Senate.

Dening, Patricia Joan, B.A. - - - -	1958	Donald, Gordon Frederick, M.D. (M.B., B.S., Sydney, 1948) - - - -	1963
Denis, William Norman, B.Sc. - - - -	1951	Donaldson, Muriel Grace, B.A. - - - -	1934
Dennis, Alan Henry, B.A. - - - -	1936	Donaldson, Pamela Margaret, B.A. - - - -	1959
Dennis, Barbara Joan, M.Sc. (B.Sc., 1955)	1961	†Donnellan, Michael Ramsey, B.Tech. - - - -	1961
Dennis, Edwin, B.Sc. - - - -	1950	Donnellan, Teresa Marie, B.A. - - - -	1945
Dennis, William John Allenby, B.Sc. - - - -	1956	†Donnelly, Jillian Kay, B.Sc. - - - -	1962
†Densley, Mary Muriel, B.A. - - - -	1963	Donnelly, Thomas Hewson, M.B., B.S. - - - -	1937
Dent, Marjorie, B.A. - - - -	1956	Donnelly, Thomas Hugh, M.B., B.S. - - - -	1911
Dent, Nancy, B.A. - - - -	1960	Donovan, Francis Patrick, LL.B. (B.C.L., Oxford) - - - -	1952
Denton, David Ross, B.A. - - - -	1960	Donovan, Mortimer Edward, M.B., B.S. - - - -	1946
Denton, James Graham, M.B., B.S. - - - -	1954	Doolan, Ernest Joseph, B.A. - - - -	1944
Denton, Noel Fletcher, M.B., B.S. - - - -	1945	Doolette, John Barton, B.Ag.Sc. - - - -	1951
Depasquale, Paul, B.A. - - - -	1960	Dore, Frederick Arthur, B.Sc. - - - -	1951
†Dermott, Patricia Louise, M.B., B.S. - - - -	1963	Dorman, David Charles, B.Sc. - - - -	1950
de Rohan, Maurice John, B.Tech. - - - -	1960	Dorsch, Ernst Georg, B.A. - - - -	1915
Derrington, Arnold Ward, M.B., B.S. - - - -	1947	Dorsch, Magdalene Hedwig, B.A. - - - -	1926
Deutscher, Maxwell John, B.A. - - - -	1959	Dorsch, Theodor Siegfried, B.A. - - - -	1933
Devaney, Helen, LL.B. - - - -	1942	Dorsch, Wilhelm Bernhard, M.B., B.S. - - - -	1933
de Vedas, Jack, M.B., B.S. - - - -	1938	Doudy, Cecil Roy, LL.B. - - - -	1906
†Devenport, John, B.Tech. - - - -	1961	Douglas, Donald Robin, B.Sc. - - - -	1949
Dew, Ian Albert, M.Sc. (B.Sc., 1953)	1962	Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897) - - - -	1898
Dewar, Colin Chudleigh, M.B., B.S. - - - -	1949	Douglas, Frank Nugent, M.B., B.S. - - - -	1956
Dewar, Donald Gordon, B.E. - - - -	1952	Douglas, Hugh Matheson, M.B., B.S. - - - -	1947
Dewar, John, B.Sc. (Eng.) - - - -	1945	Douglas, Robert Langton, M.A. (Oxford, 1891) - - - -	1900
Diamantis, Alexander Adamantiou, Ph.D. (London, 1958) - - - -	1960	Douglas, Robert Matheson, M.B., B.S. - - - -	1960
Diamond, Arthur Ian, B.A. - - - -	1952	Douglas (nee Duguid), Rosemary Lillian, B.A. - - - -	1958
Dibden, Frederick Andrew, M.B., B.S. - - - -	1941	Douglas, Sholto John, M.B., B.S. - - - -	1930
Dibden, William Andrew, M.B., B.S. - - - -	1939	Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950)	1959
Dick, Gordon Stuart Blyth, B.Sc. - - - -	1923	Dow, Ian Baird, LL.B. - - - -	1953
†Dickinson, Peter, B.Tech. - - - -	1962	Dow, Lorna Ruth, M.B., B.S. - - - -	1954
†Dickson, Brian Henry, B.Tech. - - - -	1963	Dow, William Harold John, B.Sc. - - - -	1949
Dickson, Margaret Jill, B.A., B.S. - - - -	1960	Dowbnia, Jaroslaw, B.E. - - - -	1958
Dickson, Ronald Stanley, Ph.D. (B.Sc., 1958)	1963	Dowding, Alan Lorimer, B.Sc. - - - -	1950
Dickson, Warren, B.A. - - - -	1949	Dowdy, Norman James, B.A. - - - -	1948
Dietman, Clarence Charles, M.B., B.S. - - - -	1954	Dowie, David Lincoln, M.E. (B.E., 1933) - - - -	1935
Digance, James Roy, B.A. - - - -	1945	Dowie, Donald Alexander, M.B., B.S. - - - -	1954
Diggle, John Nelson, M.B., B.S. - - - -	1946	†Dowling, Dean Robert, B.Sc. - - - -	1962
Diena, Michael James, B.A. - - - -	1959	Dowling, Donald Augustus, M.B., B.S. - - - -	1923
Dillon, John Louis, Ph.D. (Iowa, 1959) - - - -	1961	Downer, John William, B.E. - - - -	1959
†Dillon, Natalie Anne, B.A. - - - -	1961	Downey, Donnell Raymond, LL.B. - - - -	1930
Dilworth, Nerida Margaret, M.B., B.S. - - - -	1950	Downey, Michael Seymour, M.B., B.S. - - - -	1960
Dineen, Desmond Patrick, M.B., B.S. - - - -	1952	Downing, Bruce Jacob, M.B., B.S. - - - -	1953
Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957	Downing, Jennifer Alandine, LL.B. - - - -	1959
Dingle, Ian Ridgway, B.D.S. - - - -	1957	Downing, Robert Gregory, M.B., B.S. - - - -	1952
Dingle, Margaret Jennifer, B.A. - - - -	1958	Downs, Benjamin, M.E. (Liverpool, 1947) - - - -	1949
†Dingle, Roderick Edward, B.Sc. - - - -	1963	Downs, George William, B.A. - - - -	1947
Dinham, Charles Anthony, B.E. - - - -	1952	Downs, Howard Albert, B.A. - - - -	1949
Dinning, Alfred Ernest, B.A. - - - -	1915	†Doyle, Elizabeth Margaret, B.Sc. - - - -	1963
Dinning, Rodney Alfred Brady, B.A. - - - -	1950	Doyle, Leo James, LL.B. - - - -	1931
Dinning, Trevor Alfred Ridley, M.B., B.S. - - - -	1942	†Doyle, William Albert, B.A. - - - -	1963
*Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934) - - - -	1954	Drabsch, Alfred Felix, B.A. - - - -	1941
Dix, Alfred James, B.E. - - - -	1930	Dragovich, Branko, B.Ec. - - - -	1959
Dixon, Genevieve, B.Sc. - - - -	1960	†Dragovich, Deirdre Janette, B.A. - - - -	1961
Dixon, John, B.Ec. - - - -	1957	Draper, Fred, B.Sc. - - - -	1924
†Dixon, Leslie Bruce, B.Tech. - - - -	1962	Draper, Morrell Henry, M.B., B.S. - - - -	1944
Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931	Draper, Neil, B.E. - - - -	1953
Dixon, Peter, M.A. (London, 1956)	1958	Draper, Ronald Philip, Ph.D. (Nottingham, 1953) - - - -	1956
Djajakusumah, Taty Rahmatiah, B.Ag.Sc. - - - -	1960	†Drayton, Rodney Dean, B.Sc. - - - -	1962
Djaka, Soetratna, B.E. - - - -	1960	Drever, Ian Campbell, M.B., B.S. - - - -	1951
†Dobberstein, Fred Helmut, B.A. - - - -	1963	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1947
Doble, William Devon, B.E. (Sydney, 1943)	1957	†Drew, John Francis, B.Sc. - - - -	1963
†Dobney, Philip Thomas, B.Sc. - - - -	1961	Drew, Michael John Roskilly, M.B., B.S. - - - -	1951
Dobson, Lesbia Constance Alma, B.A. - - - -	1947	†Drew, Sally Elizabeth, M.B., B.S. - - - -	1961
†Doeff, Robin Jeanine, B.A. - - - -	1962	†Drewer, Robert James, B.Sc. - - - -	1961
Dodd, Ian Hainsworth, B.E. - - - -	1960	Dridan, Julian Randal, B.E. - - - -	1922
Dodd, Leslie, B.A. - - - -	1947	Driscoll, Hilda Marion, B.A. - - - -	1908
Dodd, Lindsay Richard, B.Sc. - - - -	1960	Drummond, Euphemia Gibb, B.A. - - - -	1923
Dodd, Robert Hedley, B.A. - - - -	1931	Drury, James Edward Owen, B.Ec. - - - -	1959
†Dodd, William Alfred, B.Sc. - - - -	1962	Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - -	1947
Doddridge, Albert Keith, M.B., B.S. - - - -	1953	Ducray, Suzette Eleanor, M.B., B.S. - - - -	1949
Dodman, Robert Louis, B.Ag.Sc. - - - -	1959	Dudley, Keith, B.E. - - - -	1953
†Dodsworth, Kimball Robert Innis, B.Ec. - - - -	1962	Dudman, Roy Howard, B.Ec. - - - -	1958
Dodwell, David, B.A. - - - -	1955	Dudzinski, Miroslaw Leonard, B.Ec. - - - -	1955
*Dodwell, George Frederick, B.A. - - - -	1905	Duffield, Kenneth Churchill, LL.B. - - - -	1925
Doel, Derek Alfred, B.Ec. - - - -	1960	†Duffield, Robert Winston, B.Ec. - - - -	1961
Dohadwala, Kutubuddin s/o Fidahusen, B.Sc. - - - -	1960	Duffy, Bronte Godfrey, B.Tech. - - - -	1960
Dohnt, Brian Ray, B.Sc. - - - -	1945	Duffy, Ross Martin, LL.B. - - - -	1951
†Doley, Malcolm John, B.Arch. - - - -	1962	Duguid, Andrew Melville, B.Sc. - - - -	1954
Doley, Maurice Edward, B.E. - - - -	1939	Duguid, Charles, M.B., B.S. (Glasgow, 1909)	1920
Dolling, Charles Hoani Scott, M.Ag.Sc. (B.A.Sc., 1951) - - - -	1959	Duguid (nee Lade), Phyllis Evelyn, B.A. - - - -	1925
Dolling, Eleanor Ngaire, B.Sc. - - - -	1950	Duguid, William George, M.B., B.S. - - - -	1948
Doman, Frederick Spencer Howe, M.B., B.S. - - - -	1949		
Doman, Mary Gladys, B.A. - - - -	1959		
Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933) - - - -	1939		

* Deceased.

† Not yet Members of the Senate.

†Duldig, Max, B.Ec. - - - - -	1962	Edeson, Emily Geraldine, M.A. (Melbourne,	
Dulmanis, Ausman Biruta, B.Sc. - - - -	1958	1899) - - - - -	1902
Dumas, Sir Russell John, M.E. (B.Sc., 1909,		Edgar, Heather Mary, B.A. - - - - -	1957
surrendered for B.E., 1918) - - - - -	1931	†Edgar, John Alexander, B.Sc. - - - - -	1961
Duncan, Andrew Kenneth, B.Sc. - - - - -	1957	†Edgar, Melvin Lawson, M.B., B.S. - - - -	1961
Duncan, James Playford, M.E. (B.E., 1941)	1954	Edgar, Oscar Patrick, M.B., B.S. - - - -	1955
Duncan, Keith Sinclair, B.E. - - - - -	1922	†Edgar, Peter Lindsay, B.A. - - - - -	1962
Duncan, Robert Allan, B.Sc. - - - - -	1951	Edgar, Robert Steel, M.Sc. (B.Sc., 1942)	1945
Duncan, Robert Lawrence, B.E. - - - - -	1951	Edge, Robert Harold, B.Sc. - - - - -	1952
Duncan, Ross, M.A. (B.A., 1949) - - - -	1952	†Edge, Thomas George, B.A. - - - - -	1963
Duncan, Walter George Keith, Ph.D.		†Edgeloe, Michael John, B.Sc. - - - - -	1961
(London, 1930) - - - - -	1951	Edgeloe, Victor Allen (Clerk of the Senate),	
*Duncan-Hughes, John Grant, M.A. (Cam-		B.A. - - - - -	1932
bridge, 1910) - - - - -	1910	Edgerley, Margaret Janetta, B.A. - - - -	1927
Dungey, Kevin Leonard, B.A. - - - - -	1943	Edgerley, Mark William, B.Sc. - - - - -	1950
Dunhill, Sir Thomas Peel, M.D. (Melbourne,		Edmonds (nee Humphrey), Ruth Iris Marie,	
1906) - - - - -	1935	B.Sc. - - - - -	1955
Dunkerley, John Spencer, M.A. (Cambridge,		Edmonds, Stanley Joe, Ph.D. (B.Sc., 1929;	
1945) - - - - -	1961	M.Sc., 1947) - - - - -	1958
Dunlevie, Ellen Emily, B.A. - - - - -	1927	B.A. - - - - -	1935
Dunlop, Colin Wesley, M.Sc. (B.Sc., 1952)	1955	†Edmonds, Thomas James, B.A. - - - - -	1963
Dunlop, Peter John, Ph.D. (Wisconsin, 1955)	1959	†Edwards, David Charles, LL.B. - - - - -	1962
Dunlop, Walter James, B.A. - - - - -	1952	Edwards, David George, B.Ag.Sc. - - - -	1960
Dunn, David Eyverson, M.B., B.S. - - - -	1951	Edwards, Gordon Robert, B.Ag.Sc. - - - -	1949
Dunn, Edith Marie, B.A. - - - - -	1940	Edwards, Graham William, B.A. - - - - -	1957
Dunn, John Edgar, M.B., B.S. - - - - -	1952	Edwards, Hurtle Thomas Jack, D.D.Sc.	
Dunn, John Gilchrist, B.A. - - - - -	1960	(B.D.S., 1921) - - - - -	1923
Dunn, Melville Desmond, B.E. - - - - -	1960	†Edwards, Jennifer Mary, M.B., B.S. - - - -	1961
Dunn Peter Charles, B.E. - - - - -	1954	†Edwards, Jennifer Marjorie, B.A. - - - -	1963
Dunn, Sydney Stephen, B.A. - - - - -	1947	†Edwards, John Brian, B.Sc. - - - - -	1963
Dunn, Talbot Lewis, M.B., B.S. - - - - -	1927	Edwards, Karl Francis, M.B., B.S. - - - -	1932
†Dunne, Michael Clarence, B.Sc. - - - - -	1962	Edwards, Naomi June, B.D.S. - - - - -	1944
Dunne, Lawrence John, B.Sc. - - - - -	1947	Edwards, Pamela Julie, M.B., B.S. - - - -	1951
Dunning, John Angus, M.A. (Oxford, 1937)	1950	Edwards, Philip Glen, B.Sc. - - - - -	1959
Dunning, Robert Grant, B.A. - - - - -	1957	Edwards, Robert George, M.B., B.S. - - - -	1960
Dunstan, Bruce Henderson, B.D.S. - - - -	1951	†Edwards, Robert Murray, M.B., B.S. - - - -	1963
Dunstan, Donald Allan, LL.B. - - - - -	1949	Edwards, Shirley Blanche, B.Sc. - - - - -	1944
†Dunstan, Gretel, B.A. - - - - -	1962	Edwards, Victor Wilfred Alcorn, B.A. - - - -	1948
Dunstan, Ian Henderson, B.D.S. - - - - -	1950	Eggleton, David Grosvenor, M.Sc. (B.Sc.,	
Dunstan, Richard English, M.B., B.S. - - - -	1951	1952) - - - - -	1956
Dunstone, David Darroch, M.B., B.S. - - - -	1954	Eggleton, Felicity Janet, B.A. - - - - -	1955
Dunstone, Glen Donald, B.D.S. - - - - -	1946	Eggleton, Richard Anthony, B.Sc. - - - - -	1959
Dunstone, John Leonard, M.B., B.S. - - - -	1939	Eglington, Margi Stewart, B.Sc. - - - - -	1945
Dunstone, Max Warwick, M.B., B.S. - - - -	1948	Ehmcke, Freda Evelyn, M.B., B.S. - - - - -	1931
Dunstone, Sydney Morgan Lewis, M.B., B.S.	1939	Eichler, Hansjoerg, Ph.D. (Dr.rer.nat. (Halle-	
†Durand, Edmond Louis Ode, B.Tech	1963	Wittenberg), 1950) - - - - -	1959
Durdin, Ronald Walter, B.E. - - - - -	1951	Eimer, George Herman, B.E. - - - - -	1937
Durham, James Graham, M.B., B.S. - - - -	1951	Elder, Audrey Olive, B.A. - - - - -	1945
Durie, Robert Alan, B.A. - - - - -	1955	†Eisele, Frank James, B.A. - - - - -	1961
DuRieu, Beverley Robertson, B.Sc. - - - -	1949	†Ekers, Ronald David, B.Sc. - - - - -	1962
†Durkin, John Thomas, M.B., B.S. - - - -	1962	Eldridge, David Melbourne, M.B., B.S. - - - -	1948
Dutton, Alan Hewitt, B.E. - - - - -	1938	Eley, Agnes May, B.A. - - - - -	1944
Dutton, Alice Irene, M.B., B.S. - - - - -	1940	Eley, John Robert, B.Sc. - - - - -	1947
Dutton, Gilbert Henry, B.Sc. (Wales, 1902)	1921	Elford, Harold Stewart, B.E. - - - - -	1925
Dutton, Geoffrey Piers Henry, B.A. (Oxford,		Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953)	1958
1949) - - - - -	1953	†Elford, Raymond Frank, B.Tech. - - - - -	1961
†Dwyer, Ann Maud, B.A. - - - - -	1962	Elford, William Graham, Ph.D. (B.Sc., 1947)	1955
Dwyer, John Matthew, M.B., B.S. - - - -	1928	Elhay, Isaac Jacques, B.A. - - - - -	1956
Dyer, Allan Ronald, B.Tech. - - - - -	1958	Elix, David Llewellyn, B.E. - - - - -	1939
Dyer, Bruce Herbert, B.E. - - - - -	1951	†Elix, John Alan, B.Sc. - - - - -	1962
Dyer, James Ross, B.E. - - - - -	1951	Elix, Ralph Louis, M.B., B.S. - - - - -	1954
B.Ec. - - - - -	1961	Elix, Robert Hugo, M.B., B.S. - - - - -	1938
Dyster, Thomas, B.A. - - - - -	1953	Elix, Robin Guion, B.E. - - - - -	1957
E			
Eardley, Constance Margaret, M.Sc. (B.Sc.,		†Ellerton, Hugh David, B.Sc. - - - - -	1961
1931) - - - - -	1949	Elliott, Brian Robinson, D.Litt. (B.A., 1931)	1955
Earl, Dorothy Elizabeth, B.A. (London, 1915)	1917	Elliott, David, Ph.D. - - - - -	1961
Earl, John Alfred, M.B., B.S. - - - - -	1949	Elliott, Denis Edward, B.Ag.Sc. - - - - -	1960
Earl, John Campbell, D.Sc. (B.Sc., 1921) -	1926	Elliott, Jennifer Anne, B.A. - - - - -	1959
Earle, Ronald Frank, B.E. - - - - -	1952	Elliott, Kenneth Alexander, B.Ag.Sc. - - - -	1932
East, Vernon Roy, B.A. - - - - -	1943	Elliott, Lionel John, LL.B. - - - - -	1936
†Easton, Alan Keith, B.Sc. - - - - -	1963	†Elliott, Malcolm Stacy, B.Ec. - - - - -	1963
Easton, Frederick William Spencer, M.B.,		Elliott, Murray William, M.B., B.S. - - - -	1943
B.S. - - - - -	1956	Elliott, Ralph Warren Victor, M.A. (St.	
Eaton, Heather Campbell, B.A. - - - - -	1957	Andrews, 1949) - - - - -	1960
Eaton, Raymond George, B.Ec. - - - - -	1956	Elliott, Robert Bartlett, M.B., B.S. - - - -	1956
†Eberhard, Margaret Anne, B.Sc. - - - - -	1962	Elliott, Ronald Donovan, LL.B. - - - - -	1931
Eberhard, Sydney Thomas, B.Sc. - - - - -	1944	Ellis, Annie Rita, B.Sc. - - - - -	1905
Eblen, Colin Dominic, B.D.S. - - - - -	1951	Ellis, Arthur Benjamin, B.A. - - - - -	1911
Eckermann, Frances Marie, B.A. - - - - -	1958	Ellis, Brian David, B.Sc. - - - - -	1950
Eckersley, Arnold Broughton, B.D.S. - - - -	1938	B.A. - - - - -	1953
Eckersley, Percy Cyril Wheaton, B.A. - - - -	1921	Ellis, Bruce Walter, B.A. - - - - -	1949
Eddy, David Rendall, B.Sc. - - - - -	1949	Ellis, Charlotte, B.A. - - - - -	1950
†Eddy, Denis Ian, B.Ag.Sc. - - - - -	1961	Ellis, Frank, B.E. (B.Sc., 1907, surrendered	
Eddy, James Robert, B.Sc. (Eng.) - - - - -	1942	for B.E., 1913) - - - - -	1913
Edelman, Howard John, M.B., B.S. - - - -	1939	M.A. (B.A., 1911) - - - - -	1913
Eden, Owen Frederick, B.Sc. - - - - -	1947	Ellis, Howard John, M.B., B.S. - - - - -	1946
B.A. - - - - -	1954	Ellis, John Vickery, B.Ag.Sc. - - - - -	1957
		Ellis, Ronald Dudley, B.E. - - - - -	1947

* Deceased.

† Not yet Members of the Senate.

°Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959
Fisher, Ruben Walter Alfred, B.A.	1948
Fisher, Tryphena Ellen, B.A.	1930
Fisk, Graham Bristow, M.B., B.S.	1946
Fitch, Kenneth Duncan, M.B., B.S.	1955
Fitch, Rosemary Lamburn, B.A.	1949
†Fitch, Russell John, M.B., B.S.	1963
Fitzgerald, Anne-Marie, B.Sc.	1955
Fitzgerald, Bartholomew John, B.A.	1929
Fitzgerald, Clarence Lindsay, B.A.	1952
†Fitzgerald, Desmond Elwyn, B.Tech.	1961
Fitzgerald, Gerald, B.D.S.	1932
Fitzgerald, Hugh Lawrence, B.A.	1940
Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928
Fitzpatrick, Alan Harding, M.B., B.S.	1953
Flaherty, Anna Theresa, B.A.	1953
Flaherty, Edward John, B.A.	1924
Flaherty, Francis Ignatius, M.B., B.S.	1935
Flaherty, James Aloysius, M.B., B.S.	1952
Flaherty, Teresa Anne, B.A.	1958
Flecker, Margaret Mabel, M.B., B.S.	1932
Flecker, Patrick Oscar, M.B., B.S.	1944
Fleming, Francis John, B.E.	1938
Fleming, Hugh Douglas, B.E.	1934
†Fleming, Kenneth Howard, B.Tech.	1962
Fleutje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947
Fletcher, Alan Willoughby, B.A.	1953
Fletcher, Enid Lillian, B.A.	1959
Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936
Fletcher, Helen Weld, B.A.	1933
†Fletcher, Ian Clark, B.Ag.Sc.	1961
Fletcher, John Weld, LL.B.	1947
Fletcher, Judith Willoughby, B.Sc.	1960
Flett, John Stanley, B.Sc.	1941
M.B., B.S.	1951
Flier, Hans Eric, B.E.	1957
Flint, Harold Elsdon, M.A. (B.A., 1919)	1927
†Flint, Peter Leighton, LL.B.	1963
Flint, Richard Russell, B.E.	1942
†Floreani, Leo Trevor, B.E.	1963
Florey, Hilda Josephine, M.B., B.S.	1912
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921)	1944
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950
Flower, Clifford James McKinnon, M.B., B.S.	1953
†Flower, Ian Cameron, B.E.	1963
Flynn, Kevin John, B.A.	1938
Foale, Harold Robert, LL.B.	1933
Foale, Michael Ambrose, B.Ag.Sc.	1957
Fong, Jek Swee, B.E.	1960
†Fong, Lian Hwa, B.Sc.	1961
Fong, Thin Yiew, B.E.	1958
Fong, Yeng Soh, B.E.	1959
Foo, Chee Eng, B.E.	1960
†Foo, Seow Weng, B.Sc.	1963
Foong, Siew Muay, M.B., B.S.	1957
†Foong, Swee Kai, B.E.	1961
Foord, Peter Maxwell, B.E.	1952
†Foot, Colin John, B.E.	1962
Foot, George Buchanan, B.Sc.	1934
Footner, Bruce Albert, B.Tech.	1958
Forbes, Alexander James deBargh, B.A.	1951
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956
Forbes, David Stewart, M.B., B.S.	1955
†Forbes, Elizabeth McLean, B.A.	1962
Forbes, Ian James, M.B., B.S.	1956
Forbes, William, B.A.	1936
†Forbes, William McDougall, B.Sc.	1961
Ford, James Albert, B.A.	1919
Ford, John Robert, B.E.	1960
Ford, Raymond William, B.E.	1922
Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956
Forder, Charles Rex, B.D.S.	1928
Forder, Douglas Highmoor, B.Sc.	1932
B.A.	1938
Forder, Howard Hamlyn, B.E.	1926
Fordham, Juanita Horwood, B.A.	1927
Forgan, Anthony James, B.E.	1954
Forgan, Dorothea Wald, M.B., B.S.	1958
Forgan, Frederick Robert, LL.B.	1928
Forgan, Humphrey Crayle, B.E.	1927
Forgan, Peter John, M.B., B.S.	1959
Forgan, Sydney Bayly, M.B., B.S.	1926
Forgie, Donald Schollar, B.A.	1949
Formby, Myles Landseer, M.B., B.S.	1924
Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943
Forrest, Waidie William, B.Sc.	1948
Forster, William Edward Stanley, LL.B.	1950
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955
†Forsyth, Heather McKenzie, B.Sc.	1961
Forsyth, Robert Samuel, B.A.	1937
†Forward, Marilyn Joy, B.Sc.	1962
Forwood, Peter Strauss, B.Sc.	1956
Foster, Robert Jacob, B.E.	1955
†Fotheringham, Brian James, B.Med.Sc.	1963
Fotheringham, James David, M.B., B.S.	1937
Fotheringham, Walter Douglas, B.E.	1956
Fowler, Dorothy Colyer, B.A.	1949
Fowler, James Henry, B.E.	1952
Fowler, Kenneth Raymond, B.A.	1955
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951
Fowler, Robert Malcolm, B.Ec.	1958
Fowler, Russell Aubrey, B.Sc.	1919
†Fowler, Trevor John, B. Ec.	1962
Fox, Bruce Spafford Owen, M.B., B.S.	1958
Fox, David Michael, B.D.S.	1953
Fox, Ina Alice Owen, M.B., B.S.	1938
Fox, Robert Owen, M.B., B.S.	1925
†Fox, William Thomas, B.Tech.	1962
Frahn, Leslie John, M.Sc. (B.Sc., 1941)	1949
Francey, Joseph Logan Ayre, M.Sc.	1963
Francis, Albert Edward John, B.Sc.	1949
Francis, John Graham, M.B., B.S.	1955
†Francis, Juris, B.Sc.	1962
Francis, Robert John, B.Sc.	1959
Francis, Vera Eleanor, M.A. (B.A., 1938)	1941
Francis, Wilfred Galton, B.E.	1935
Franklin, Ian Robert, B.Sc.	1960
Franks, Mary Lorraine, B.Sc.	1959
Fraser, Dougal, B.D.S.	1958
Fraser, Duncan Lovat Radcliffe, B.Sc.	1950
Fraser, Frederick Christopher, B.D.S.	1938
Fraser, Harry Lovat, LL.B.	1932
B.A.	1933
Fraser, Hugh Barron, M.B., B.S.	1955
Frayne, Graham Arthur, B.D.S.	1933
Frayne, Harold Bruce, M.D.S. (B.D.S., 1940)	1953
Frayne, John Felix, M.B., B.S.	1936
Frayne, Max Thorley, B.D.S.	1945
Frayne, Peggy Searle, B.Sc.	1945
Frederick, Esmond Joseph, M.B., B.S.	1953
†Freeman, Barry Claude, B.E.	1961
Freeman, Jef Elliot, B.Sc.	1940
†Freeman, Robert Roger, M.B., B.S.	1962
Freestun, William David, B.E.	1949
†Freidenfelds, Maija, B.D.S.	1961
Freidenfelds, Mara, B.Sc.	1961
Freidenfelds, Regina, B.D.S.	1956
French, Alfred, M.A. (Cambridge, 1946)	1951
French, Eric Lancelot, M.Sc. (B.Sc., 1942)	1948
†French, Margaret, B.A.	1961
French, Reginald James, B.Ag.Sc.	1948
French, Martin Raphael, B.Sc.	1930
Freytag, Ian Bernard, B.Sc.	1952
†Frick, Anthony James, B.E.	1962
Frick, Majorie May, LL.B.	1924
Frick, Patricia Marian, LL.B.	1938
Frick, Ross Allen, B.Sc.	1938
†Frickauss, Valdons Elmars, B.A.	1963
Fricke, Graham Andrew, B.E.	1955
Fricke, Lyall Peterie, B.Sc.	1949
B.A.	1951
Fricke, Norman Meshach, B.E.	1933
Fricke, Richard John, B.Sc.	1955
Fricke, Vera May, M.A. (B.A., 1930)	1932
Fridman, Gerald Henry Louis, LL.M. (LL.B., 1953)	1955
Frith, Ernest Everard, B.Sc.	1949
Fritsch, Garnette Grace, B.A.	1957
Fritsch, Eunice Serena, B.A.	1947
Fritsch, Luthilde Clara, B.A.	1948
Fritsch, Mary Walda, M.B., B.S.	1955
Frost, Mary Millicent, B.A.	1927
Fry, Adelaide Elizabeth, LL.B.	1953
Fry, Dorothy Gillian, B.A.	1945
Fry, Geoffrey Alfred, B.Tech.	1960
†Fry, Jacqueline Frances Murray, B.Sc.	1961
Fry, Leslie Barry, B.E.	1954
Fry, Robert Mason, B.Sc.	1947

° Deceased.

† Not yet Members of the Senate.

†Fryer, Beverley Anne, B.A.	1963
†Fryer, Colin, B.E.	1963
Fuhlbohm, Margaret, B.A.	1944
†Fuller, Bonython Clemon, B.Tech.	1961
Fuller, Clarence Oliver, M.B., B.S.	1954
Fuller, Donald Andrew, B.E.	1955
Fuller, Geoffrey Roy, B.Sc.	1951
Fuller, George Rayner, B.Sc.	1924
B.E.	1963
†Fuller, Michael John, LL.B.	1963
Fuller, William Rayner, M.B., B.S.	1953
Fullerton, Anne McPherson, B.Sc.	1957
Fulton, Gwen Evelyn Hamilton, M.A. (B.A., 1932)	1939
Funder, Anne Cathrine, B.D.S.	1934
Funder, Brian Patrick, M.B., B.S.	1933
Funder, John Francis, B.Sc.	1935
M.B., B.S.	1938
Fung, Khayam Shen, B.E.	1957
†Furler, Graeme Walter, B.Sc.	1963
Furler, Ian King, M.B., B.S.	1948
Furness, Eric Taylor, B.Sc.	1955
Furness, Gwenda Marie, B.A.	1941
†Furniss, Dennis Reginald, M.B., B.S.	1962
Furze, Betty Joan, B.Sc.	1951
Furze, Janet Lesley, B.Sc.	1956
Fyfe, Dorothy Mary, B.A.	1926

G

†Gabb, Bronte Winston, B.Sc.	1961
B.Med.Sc.	1961
M.B., B.S.	1962
Gabb, Mary Elizabeth, M.B., B.S.	1960
Gaetjens, Gertrude Vera, B.A.	1925
Gaffney, Fay Madeline, B.Sc.	1949
Gaffney, Richard Stephen, B.Ec.	1959
Gagolski, Julian, Ph.D.	1955
Galatitlis, Antanas, B.Tech.	1960
Galbraith, Cyril, B.E.	1927
Gale, Allen Ewart, M.B., B.S.	1958
Gale, Frederick Julius, B.A.	1915
Gale, Gwendoline Fay, Ph.D.	1962
Gale, Margaret Jean, B.A.	1953
Gallagher, William Edward, M.B., B.S.	1932
Gallasch, Frank Edward, M.B., B.S.	1927
Gallasch, Malcolm George, B.E.	1955
Galliford, Robert Henry, B.Sc. (Eng.)	1947
Gallis, Hermann Peter Christian, M.Sc. (B.Sc., 1928)	1934
Galpin, Arthur Lorden, B.E.	1949
Galvin, Leola Beth, B.Sc.	1945
Galvin, Patrick John, B.A.	1956
Galvin, Selma Ruth, B.A.	1953
Galvin, Thomas Bernard, B.A.	1916
†Gamble, Graham Beaumont, B.Sc.	1963
†Gambing, David John, B.Sc.	1963
Gambing, Janice Melva, B.A.	1958
Game, David Aylward, M.B., B.S.	1949
Game, John Aylward, M.B., B.S.	1938
Game, Patricia Jean, M.B., B.S.	1949
†Gan, Tiang Hoe, B.Sc.	1962
Gan, Triang Hua, B.Sc.	1958
Gann, Eric Crump, B.A.	1950
Gann, Graham Dean, B.E.	1957
†Ganzis, Nicholas, B.A.	1963
Garbaliuskas, Leonardas Raimundas, B.E.	1954
†Garbett, Meredith Stewart, B.A.	1963
Gard, Jeanette Trush Brentnall, M.B., B.S.	1953
Gardiner, Beauchamp Lennox, B.Sc.	1902
Gardiner, Philippa Margaret, M.B., B.S.	1942
†Gardini, Alessandro, B.Sc.	1962
†Gardner, John Henry, M.B., B.S.	1961
Gare, Lloyd, B.Sc.	1932
B.A.	1950
Garran, Elisabeth Rosemary, B.A.	1954
Garrett, David Mitchell, B.E.	1956
Garrett, Dorothea Helene, B.A.	1934
Garson, Ronald Walter, B.A. (Sydney, 1956, Cambridge, 1958)	1960
†Gartelmann, Dieter, B.E.	1963
Garton, Mary May, B.A.	1923
Gartrell, Eric Frank, M.B., B.S.	1921
†Gartrell, Peter, M.B., B.S.	1963
Gaskell, Joan Mary, B.A.	1945
Caston, Walter Garfield, M.B., B.S.	1953
Gates, Malcolm John, B.E.	1959
†Gathercole, Frank John, B.Ag.Sc.	1962
Gault, Estelle Ruth, B.Sc.	1914
M.B., B.S.	1919
Gault, Freda Steele, B.A.	1931
Gault, Maisie Isabel Ogilvy, B.A.	1921
Gavelis, Antanas, B.A.	1960
†Gaylor, Kenwyn Ronald, B.Ag.Sc.	1962
†Gaylor, John Andrew, B.Sc.	1962
†Gaylor, Pamela Anne, B.A.	1961
Gazard, Geoffrey Albion, B.A.	1949
Gazard, John Anthony, B.E.	1935
†Geekie, Douglas Ian, B.Ec.	1963
Gehling, Lorenz Wilfred, B.E.	1950
Gehling, Ronda Beryl, Mus.Bac.	1943
Geisler, Frederick, M.B., B.S.	1951
Geisler, Wilfred Ross, B.Sc.	1937
B.Ec.	1954
Gelson, Henrick, B.A.	1958
Gemmell, Donald Stewart, B.Sc.	1955
Gent, Alan Franklin, B.A.	1948
Gent, Alison Grace, M.A. (B.A., 1941)	1948
Gent, John George Moyns, B.A.	1940
Georg, Victor Gerhard, B.A.	1949
George, Adalbert James, B.D.S.	1927
George, Barbara Kay, B.Sc.	1957
George, David Charles, B.Sc.	1960
George, Hilda Constance, B.A.	1928
George, Ian Gordon, LL.B.	1957
†George, Robin John, B.Sc.	1963
George, Rowland Francis, B.D.S.	1923
Gerard, Kenneth Edward, B.E.	1935
†Gerhardy, Gordon John, B.A.	1962
†Gerken, Rosemarie, B.A.	1961
Gerlach, Max Johann, B.A.	1925
Gerny, Elma Seavington, B.Sc.	1936
Gerny, John Seavington, M.E. (B.E., 1936)	1949
Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
†Gersch, Nevada Fav, B.Sc.	1933
†Gersteling, Harry, B.Sc.	1961
†Gervasi, Agostina Fausta, B.A.	1963
†Gervasi, Ila Lydia, LL.B.	1961
Geytenbeek, David Robert, B.Sc.	1952
Geytenbeek, Peter Everard, B.Ag.Sc.	1950
Giam, Choo Huat, B.E.	1960
†Gianakas, Eric Peter, B.Tech.	1963
Gibb, Kenneth Murray, B.E.	1942
Gibberd, William Obed, M.Sc. (B.Sc., 1940)	1945
Gibbes, Alfred Francis Blower, B.Tech.	1960
Gibbes, Elaine Frances Keele, M.B., B.S.	1953
†Gibbes (nee Wilson), Geraldine Margaret, B.A.	1961
†Gibbes, Glen Erskine Giles, B.Tech.	1963
Gibbison, Marie Claire, B.Sc.	1951
Gibbs, Allan George, B.E.	1933
Gibbs, Anthony Matthews, B.A. (Melbourne, 1956)	1960
Gibbs, Betty Valmai, B.A.	1949
Gibbs, Bruce Glanville, B.E.	1955
Gibbs, David Norris, Ph.D. (London, 1955)	1958
Gibbs, Glen Barker, LL.B.	1958
Gibbs, Graham Rossiter, B.Ec.	1953
Gibbs, Malcolm Henry, B.Sc.	1953
†Gibbs, Margaret Isabel, B.Sc.	1962
Gibbs, Ronald Malcolm, B.A.	1960
Gibson, Bramwell St. Clair, B.Tech.	1953
Gibson, Douglas Barr, M.B., B.S.	1945
Gibson, George Taylor, M.B., B.S.	1935
Gibson, Gladys Ruth, B.A.	1937
Gibson, Graham Coyne, B.A.	1949
†Gibson, John Keith, B.A.	1962
Gibson, Malcolm Milne, B.A.	1956
Gibson, Margaret Dawn, B.Sc.	1952
Gibson, Patricia Mary, B.A.	1960
†Giddings, Keith, B.A.	1962
Giersch, Leonard Ernst, B.A.	1940
Gifford, Alfred Silva Harril, LL.B.	1922
†Gilbert, Anthony Roland, B.Sc.	1962
†Gilbert, Joan Marion, B.A.	1961
†Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959
Gilbert, Stephen Hamilton, B.E.	1934
Gilbertson, Nannette, B.A.	1951
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959
Gilchrist, Robert James, B.A.	1950
Gild, Albert, M.B., B.S.	1934
Gild, David, M.B., B.S.	1938
Gilding, Gwendoline Fay, B.A.	1952
Gilding, Kevin Rex, B.A.	1952
Giles, Allan Leonard, Mus.Bac.	1950

† Not yet Members of the Senate.

Giles, David Lithgow, B.E.	1960
Giles, Douglas Haynes, B.E.	1954
Giles, Harold, B.A.	1911
Giles, Ireton Elliot, B.A.	1897
Giles, Jack Bernard, B.Sc.	1943
Giles, James Palmer, B.A.	1931
Giles, James Ramsay, B.A.	1959
Giles, Keith Emanuel, M.B., B.S.	1951
Giles, Mortimer, LL.B.	1911
Giles, Nigel Stuart, B.Sc.	1905
Giles, Peter Mortimer, B.E.	1953
† Gilfedder, Peter Thomas, B.A.	1961
Gilfillan, William Robert, B.E.	1948
Gill, Clarence William Cecil, B.A.	1934
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913
Gill, Raymond Harold, B.E.	1951
Gill, Richard Townshend, M.B., B.S.	1951
Gill, Robert Charles, B.Sc.	1957
† Gill, Rodney Trevor, B.Ec.	1961
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934
Gillam, Leon George, M.B., B.S.	1954
Gillen, Robert Spencer, M.B., B.S.	1953
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1933)	1943
Gillespie, Doris Pearl, B.A.	1940
Gillespie, Elsie Jean Ann, B.A.	1935
Gillespie, Frank Cecil, B.Sc.	1956
Gillespie, William Charles, LL.B.	1927
Gillett, Bernard St. Patrick, M.B., B.S.	1928
Gillett, Mervyn Clem, LL.B.	1931
Gillham, Charles Alfred, B.A.	1911
Gillham, James Edgar, B.A.	1954
† Gilligan, John Eugene, M.B., B.S.	1961
Gillon, Kenneth Lowell Oliver, Ph.D. (Australian National University, 1959)	1963
Gillman, Phyllis Constance, B.A.	1916
Gilmore, Hugh Robert, M.B., B.S.	1945
Gilmore, Jean, LL.B.	1934
† Gilmore, Vytautas, M.B., B.S.	1963
Giorgio, Antonio, M.B., B.S.	1956
Cladigau, Rita Doreen, B.Ec.	1948
Clæssner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951
Classon, Leonard William Addison, M.E. (B.E., 1955)	1958
Glastonbury, Dudley Ivan, B.Sc.	1930
B.A.	1933
Glastonbury, James Oliver Garnet, B.A. M.Sc. (B.Sc., 1928)	1932
Glastonbury, Keven, M.B., B.S.	1935
Glastonbury, Keven, M.B., B.S.	1926
† Glastonbury, Kevin Brian, M.B., B.S.	1963
Clayde, Ernest James, B.E.	1927
Cleehill, John Douglass, B.E.	1952
Cleenn, Graham Gordon, B.A.	1958
Cleenn, Margaret Joy, B.A.	1958
Glesinger, Marianne Antonie, M.B., B.S.	1953
Giddon, Alfred Bertram Keith, M.B., B.S.	1948
Giddon, William Aquilla Robert James, B.A.	1950
† Glinka, Natalie, M.B., B.S.	1962
Glonek, Jan, B.Tech.	1962
Glover, Brian, B.Sc.	1945
Glow, Peter Helmut, Ph.D. (London, 1958)	1960
Gluis, John, M.A. (B.A., 1911)	1922
Gluyas, Maxwell Allan, M.B., B.S.	1957
Gluyas, Richard John, B.D.S.	1956
Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Glynn, Brian McMahon, LL.B.	1933
Glynn, Denis McMahon, LL.B.	1929
Glynn, Robert McMahon, M.B., B.S.	1919
Gnanasamugan, Balasuntharam, B.E.	1959
Goatcher, Philip Daniel, M.B., B.S.	1945
Goble, James Roy, B.Tech.	1960
† Gobbett, Donald Lyon, B.A.	1962
† Gobbett, Estelle Margaret, B.A.	1961
Gobbett, Thelma Jean, B.A.	1950
Goddard, Peter Norman Lighton, B.Sc.	1959
Godfrey, Edward John Owen, M.B., B.S.	1945
† Godfrey, James Cecil, B.E.	1962
Godfrey, Kirke Charles, M.B., B.S.	1914
Godfrey, Robert Charles, M.B., B.S.	1944
Godlee, Margery Rebecca, B.A.	1917
Godlee, Theodore, M.B., B.S.	1932
† Godwin, Suzanne, B.A.	1962
Gold, Mervyn Roy, M.B., B.S.	1939
Gold, Ronald Geoffrey, M.B., B.S.	1952
Goldbeck, Rene Alice, M.B., B.S.	1949
Goldby, Frank, M.D. (Cambridge, 1936)	1937
Goldfinch, Arthur Leslie, B.Sc.	1951
† Goldfinch, Conway Peter, M.B., B.S.	1961
Golding, Edmond William, B.A.	1951
Golding, Phyllis May, B.A.	1951
† Goldney, David Charles, B.Sc.	1962
† Goldsmith, Robert Eric Lewis, B.Sc.	1961
Goldsworthy, Arthur Clive, B.A.	1953
Goldsworthy, David, B.A.	1949
Goldsworthy, David John, B.A.	1960
Goldsworthy, Eric Roger, B.Sc.	1950
Goldsworthy, Janice Julia, B.A.	1956
Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930
Goldsworthy, Lance Rodney, M.B., B.S.	1959
Goldsworthy, Reuben, B.Sc.	1948
B.A.	1962
Golinger, Donald, M.B., B.S.	1955
Golledge, John Gouldhawke, M.B., B.S.	1954
† Golley, Malcolm George, B.Sc.	1962
Gomez, Rodolfo Mesina, M.Sc. (B.Tech., 1959)	1963
Good, Brian Francis, B.Sc.	1955
Good, Frances Helena, B.A.	1916
Good, Richard John, B.E.	1953
Goodale, Peter Lewis, B.E.	1957
Goodchild, Robin John, B.Sc.	1955
Goode, Benjamin Ryall, M.B., B.S.	1947
Goode, Harold Ralph, B.E.	1945
Goode, Henry Arthur, M.B., B.S.	1938
Goode, John Reginald, B.Ag.Sc.	1937
Goode, Kenneth Burden, B.E.	1914
Goode, Muriel Gertrude, Mus. Bac.	1911
Goode, Philip Charles Ryall, M.B., B.S.	1939
Goode, Thomas Britten, M.B., B.S.	1952
Goode, Thomas Ryall, B.E.	1937
Gooden, Edgar Whitridge, B.Sc.	1957
Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955)	1958
Gooden, John Stanley, M.Sc. (B.Sc., 1940)	1945
Gooden, Philip Compson, M.B., B.S.	1952
Gooden, Rosalind Mary, B.Sc.	1960
Goodenough, Warwick William, B.A.	1953
Goodes, William John, B.Sc.	1958
Goodhart, Mabel Flora, LL.B.	1927
Goodhart, Richard Akhurst, M.B., B.S.	1941
Goodman, Cyril William, B.E.	1915
Goodrich, John Eric, B.Sc.	1960
Goodrich, John Stanley, B.Sc.	1953
† Goodridge, Malcolm John, B.Tech. M.Sc. (B.Sc., 1951)	1963
Goodwin, Geoffrey Leonard, B.A.	1955
Gordon, Ian Donald, B.E.	1959
Gordon, John Murray, Mus.Bac. B.A.	1953
Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949
Gordon, Leslie Kenneth, LL.B.	1953
Goscombe, Peter Watson, B.Sc.	1959
Goss, Mary Blanche, B.A.	1936
Goss, Noel Frederick, B.A.	1934
† Gotjannos, John, LL.B.	1962
Gottschall, Martin, B.E.	1960
Gough, John Lewis, B.A.	1945
Gould, Ian Morris, B.Sc.	1962
Gould, Joseph Gordon, B.Sc.	1955
Gould, Murray William, B.E.	1959
Gouldhurst, Peter Richard Stuart, M.B., B.S.	1955
Govenlock, James Coburn, Mus.Bac.	1943
Gower, Charlie James, B.A.	1954
† Gower, Robert Pierce, M.B., B.S.	1961
Grace, Muriel Jean, B.Sc.	1960
Gradussov, Alexis, B.A.	1958
Graebner, David Carl, B.E.	1953
† Graetz, Rodney Dean, B.Sc.	1962
Graham, George Finlay, B.E.	1927
Graham, Janet Scott Douglas, Ph.D. (St. Andrews, 1956)	1960
† Graham, John Raymond, M.B., B.S.	1962
Graham, Mary Theresa, M.A. (B.A., 1929)	1933
Graham, May Elisabeth, B.A.	1941
† Graham, Meredith May, B.A.	1962
Graham, Roger Dean, B.E.	1950
Grant, Allan Kerr, M.B., B.S.	1947
Grant, Colin Kerr, B.Sc.	1931
† Grant, Donald Charles, M.B., B.S.	1961
Grant, Donald Kerr, M.B., B.S.	1942
Grant, John McBain, M.Ec. (B.Ec., 1950)	1953
Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901)	1911

◊ Deceased.

† Not yet Members of the Senate.

Grant, Marjorie Ruth, B.A. - - - - -	1930	†Griffiths, Peter Royston, B.Ec. - - - - -	1962
Grant, Mary Raymond, M.Sc. (B.Sc., 1945)	1950	Griffiths, Thomas Lester, LL.B. - - - - -	1913
Grant, Richard Longford Thorold, M.B., B.S.	1918	†Griggs, Arden Michael, B.Arch. - - - - -	1961
Grasso, Rosario, M.Sc. (B.Sc., 1954) - - -	1961	Griggs, Clarence Middleton, B.Sc. - - - - -	1924
Grastins, Dagnija, B.A. - - - - -	1960	Griggs, James Middleton, B.E. - - - - -	1949
Gratton, Gordon Sydney, LL.B. - - - - -	1950	Grimes, Louisa Catherine, Mus.Bac. - - - -	1937
Gratton, Marshall Gladstone, M.B., B.S. -	1941	Grimwade, Arnold Elliott, B.Sc. - - - - -	1955
Gratton, Mephan John, B.E. - - - - -	1934	Grivell, Baden John, B.E. - - - - -	1958
*Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - - - -	1920	Grivell, Peter Desmond, M.B., B.S. - - - -	1956
Grava, Andrejs, B.D.S. - - - - -	1956	Gross, Gordon Flinders, M.Sc. (B.Sc., 1950)	1956
Grave, Keith Cyril, B.D.S. - - - - -	1956	Gross, Klem Bassett, B.E. - - - - -	1924
Gray, Alexander Frederick, B.Sc. (Eng.) - -	1942	Gross, Patricia Mary, B.A. - - - - -	1950
†Gray, Allen Bruce, B.Sc. - - - - -	1961	Grosse, John Allan, B.A. - - - - -	1958
†Gray, Diana Joan, B.A. - - - - -	1963	Grosser, Agnes Juliana Hulda, B.A. - - - -	1910
Gray, Donald Mervyn, B.Ec. - - - - -	1958	Grosvenor, Cyril, B.D.S. - - - - -	1925
Gray, Eric William, B.A. - - - - -	1931	Grosvenor, Edna Mary, M.A. (B.A., 1921)	1926
Gray, Frederic Victor, M.Sc. (B.Sc., 1935)	1948	Grote, Albert Walter, M.B., B.S. - - - - -	1926
Gray, Harvey Hamilton, B.Ec. - - - - -	1949	Grote, Fay, M.B., B.S. - - - - -	1956
B.A. - - - - -	1952	Grote, Keith Walter, B.D.S. - - - - -	1956
Gray, Keith Douglas, M.B., B.S. - - - - -	1926	Groves, Murielle Annis Clemland, B.A. - - -	1937
†Gray, Malcolm Forgan, LL.B. - - - - -	1963	Crubb, Yvonne, B.A. - - - - -	1951
Gray, Maurice Chadwick, B.Sc. - - - - -	1933	Gubbay, Sasson Stephen, M.B., B.S. - - - -	1957
Gray, Neil Boon, Ph.D. (B.E., 1958) - - -	1963	Gubbins, Heather Welch, B.A. - - - - -	1950
†Gray, Rodney Leonard, B.E. - - - - -	1962	Gudkovs, Ariss, M.B., B.S. - - - - -	1955
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered) - - - - -	1913	Guerin, Robert Langley, M.B., B.S. - - - -	1957
Cream, George Edward, Ph.D. (Cambridge, 1961) - - - - -	1962	Guerin, Ronald St. Clair, B.E. - - - - -	1953
Green, Alan Elston, B.Sc. - - - - -	1949	Guinand, Andrew Paul, B.Sc. - - - - -	1932
Green, Cynthia Joan, B.A. - - - - -	1945	Guinand, Mimi Helen, B.A. - - - - -	1938
Green, Donald Clare, B.Sc. - - - - -	1942	Gulland, David Lungair, M.B., B.S. - - - -	1955
Green, Harry Edward, B.E. - - - - -	1957	Gulland, Ian Ferris, M.B., B.S. - - - - -	1956
Green, Herbert Sydney, D.Sc. (Edinburgh)	1952	†Gulliver, Charles William, B.E. - - - - -	1963
†Green, Ian Edward Charles, B.A. - - - - -	1963	Gun, Richard Townsend, M.B., B.S. - - - -	1960
†Green, Jennifer Lois, B.A. - - - - -	1962	†Gumaratnam, Daniel, B.E. - - - - -	1962
Green, John William, B.Sc. - - - - -	1953	Gunn, Archibald Keith, B.E. - - - - -	1956
Green, Lawrence Goodwin, B.Ec. - - - - -	1951	Gunn, James Allan Baikie, B.A. - - - - -	1959
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958) - - - - -	1960	Gunn, John Alexander, M.A. (Liverpool, 1919) - - - - -	1926
B.A. - - - - -	1929	Gunning, Julienne Elizabeth Stannus, M.B., B.S. - - - - -	1958
Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951)) - - - - -	1961	Gunning, Norman Stannus, M.B., B.S. - - - -	1926
Green, Mary Patricia, B.Sc. - - - - -	1954	Gunson, John Grattan, M.B., B.S. - - - - -	1952
Green, Patricia Marie, B.A. - - - - -	1959	Gunson, John Michael Morphett, M.B., B.S.	1933
†Green, Peter Henry Jerome, LL.B. - - - -	1963	Gunton, James Donald, B.A. - - - - -	1938
Green, Ralph Noel, B.A. - - - - -	1954	Guppy, Douglas James, B.Sc. - - - - -	1944
Green, Richard Maslen, B.A. - - - - -	1937	Guppy (nee Knox), Joan Claudia, B.Sc. - - -	1943
Green, Ronald Gordon, B.Sc. - - - - -	1949	Guerner, Colin, M.B., B.S. - - - - -	1918
Green, William Allan McInnes, B.E. - - - -	1928	Guerner, Colin Marshall, M.B., B.S. - - - -	1942
Greenfield, Vivian Hutchison, B.Sc. - - - -	1951	†Guerner, Ralph William, B.Tech. - - - - -	1963
Greenhough, Arthur David, B.E. - - - - -	1942	Gurney, Harold Cyril, M.Sc. (B.Sc., 1930) -	1932
Greenland, Dennis James, Ph.D. (Oxford 1955) - - - - -	1960	Gurr, Clifford George, B.Sc. - - - - -	1947
Greenland, Patrick Cecil, M.A. (B.A., 1931)	1933	Gurr, Graham Edward, Ph.D. (B.Sc., 1956)	1962
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered) - - - - -	1913	Guster, Allan Frederick, B.E. - - - - -	1951
Greenlees, Rollo, M.B., B.S. - - - - -	1937	Guthaner, Ernst M.B., B.S. - - - - -	1942
Greenlade, Noel Walter, B.Sc. - - - - -	1960	†Guy, Robert William, B.Sc. - - - - -	1962
Greenway, Harold, B.E. (B.Sc., 1906, surren- dered) - - - - -	1913	Guymer, Arthur Howes, M.B., B.S. - - - -	1915
Greenway, Thomas Charles, B.Sc. - - - - -	1900	Guymer, Ernest Albert, M.B., B.S. - - - -	1914
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - - -	1907	Guymer, Max William, M.B., B.S. - - - - -	1947
Greer, Henry Steven, M.B., B.S. - - - - -	1952	H	
Greet, Elizabeth Bronwen, B.A. - - - - -	1958	Habib, Bernadette Dolores, M.B., B.S. - - -	1954
Greet, Frank Hamilton, B.A. - - - - -	1953	Habich, Carl Gerhard, B.A. - - - - -	1932
Greet, Norman George Frank, M.A. - - - -	1928	Habich, Carl Julius, B.E. - - - - -	1930
Greet, Raymond James, B.A. - - - - -	1957	†Hack, Gulielma, B.Sc. - - - - -	1961
Gregory, Cedric Errol, B.E. - - - - -	1931	Hackett, Cecil John, M.D. (M.B., B.S., 1927)	1935
B.A. - - - - -	1944	Hackworthy, Harold Stewart, B.Sc. - - - -	1945
Gregory, Janet Phillis, B.A. - - - - -	1934	†Haddad, Gerald Neil, B.Sc. - - - - -	1962
Grenfell, Ian Henry, B.A. - - - - -	1957	†Haddow, Dennis James, B.Sc. - - - - -	1963
Grewar, Luis Valerie, M.B., B.S. - - - - -	1952	†Haddow, Graham James, B.Tech. - - - - -	1961
Gribble, Albert Elijah, M.B., B.S. - - - -	1939	†Haddow, Inn Hamilton, B.E. - - - - -	1963
†Gribble, Cynthia May, B.A. - - - - -	1962	Haddrick, Eric Murray, LL.B. - - - - -	1954
Grierson, John James, B.E. - - - - -	1937	Haddrick, Peter Donald, B.E. - - - - -	1953
Grieve, Ian Charles, LL.B. - - - - -	1953	Haden, John Forbes, B.A. - - - - -	1953
*Griff, Bernard, LL.B. - - - - -	1925	Haeffner, Paul Clifford, Ph.D. (Leeds, 1957)	1959
†Griffin, Brian Richard, B.Ec. - - - - -	1961	Haese, Beth Theodora, B.A. - - - - -	1947
Griffin, Danielle, B.A. - - - - -	1949	Haese, David Kinnear, LL.B. - - - - -	1957
Griffin, Donald Ward, B.E. - - - - -	1951	Haese, Ernst Alfred Wilhelm, B.A. - - - -	1943
Griffin, Gerald John, B.A. - - - - -	1957	Haese, Frederick Ernest Douglas, B.A. - - -	1950
†Griffin, Kenneth Trevor, LL.B. - - - - -	1962	Hague, John Stanley, B.A. - - - - -	1956
†Griffin, Peter Thomas, B.Sc. - - - - -	1962	Hague, Ralph Meyrick, LL.B. - - - - -	1932
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Hahn, Hurtle William, B.A. - - - - -	1933
Griffiths, George Townsend, Mus.Bac. - - -	1915	Haines, Colin Edward, B.Ag.Sc. - - - - -	1941
		†Haines, David Albert, M.B., B.S. - - - - -	1962
		Haines, Murray David, B.A. - - - - -	1947
		†Haines, Paul, B.A. - - - - -	1963
		Haines, Peter David, B.E. - - - - -	1960
		Haines, Norman Lindsay, B.A. - - - - -	1947
		Hains, Ivan Colonel, M.B., B.S. - - - - -	1911
		Hains, Robert Myer, M.B., B.S. - - - - -	1940

* Deceased.

† Not yet Members of the Senate.

Hakendorf, Andrew John, M.B., B.S.	1929	Hansen, Ruth, B.Sc.	1956
Haldane, Alexander David, B.Sc.	1949	Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952
Hale, Malcolm Robert, B.E.	1962	Hanson, Bertram Speakman, M.B., B.S.	1928
Hale, Robert Palmer, B.Sc.	1954	Hanson, Thomas Anthony Speakman, M.B., B.S.	1959
Hall, Alfred Daniel, M.A. (Oxford)	1914	*Harbison, Alan Thomas, M.B., B.S.	1927
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956	Harbison, John Henry, M.B., B.S.	1949
Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922	Harbison, Peter Alan, M.B., B.S.	1953
Hall, Christopher John, M.B., B.S.	1963	Harbison, William Arthur, B.E.	1938
Hall, Donald Richard, M.B., B.S.	1959	Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956)	1959
Hall, Elizabeth Adelaide Anne, B.Sc.	1959	Harders, Clarence Waldemar, LL.B.	1944
Hall, Frederick Leonard, B.Ec.	1955	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Hall, Geoffrey Charles, B.D.S.	1958	†Harding, Philip Ernest, B.Med.Sc.	1962
Hall, Jocelyn Rosemary, B.A.	1948	Hardy, Alfred Burton, LL.B.	1898
†Hall, John McGregor, B.Sc.	1963	Hardy (nee Beckwith), Anne Caroline, M.Sc. (B.Sc., 1944)	1947
Hall, Marjorie Gertrude, Mus.Bac.	1931	Hardy, Evan Lovell, B.E.	1935
Hall, Norman Bruce, M.B., B.S.	1917	Hardy, John Evans Simpson, M.B., B.S.	1945
Hall, Robert Darwin, B.E.	1956	Hardy, John Howard, B.A.	1955
†Hall, Valerie Lois, B.Sc.	1962	Hardy, John Scott, LL.B.	1926
Hall, William Oswald James, B.Sc.	1950	Hardy, Mabel Phyllis, B.A.	1914
Hallett, Evan Charles, M.B., B.S.	1947	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
Hallett, Harold Sinclair, B.E.	1932	†Hare, Robert McKay, M.B., B.S.	1962
Hallett, Joan, B.Sc.	1960	Hargrave, John Charles, M.B., B.S.	1954
Hallett, Reginald Thomas, B.E.	1938	Hargrave, Nathaniel Charles, LL.B.	1939
Halley, Winifred, M.B., B.S.	1960	B.A.	1939
Halloran, Noel, M.B., B.S.	1953	Harkness, Robert, B.A.	1907
†Halwax, Karoly, M.B., B.S.	1959	Harley, David George, B.E.	1953
Hamann, Keith Maurice, B.Sc.	1953	Harley, James Froomes, M.B., B.S.	1951
Hambidge, Margaret Cecile, B.A.	1935	Harley, Marjory, B.A.	1925
Hambly, Francis Sutherland, B.Ec.	1957	Harley, Peter Ash, B.E.	1956
Hambly, Peter Sutherland, B.A.	1957	Harman, Lewis Clive, B.D.S.	1953
Hambly, William Frank, M.A. (Melbourne)	1952	Harman, Ray, B.Ec.	1959
Hamden, William Callil, M.B., B.S.	1953	Harms, John Eric, M.Sc. (B.Sc., 1951)	1960
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harms, Lois Philippa, M.B., B.S.	1948
Hames, Muriel Jean, B.A.	1941	†Harmstorff, Ian Arnold, B.A.	1961
Hamilton, David Wyndham, M.B., B.S.	1959	Hamman, William Ronald, LL.B.	1936
Hamilton, Frank Alexander, B.E.	1941	*Harper, Anthony, LL.B.	1926
Hamilton, Ian Ayliffe, M.B., B.S.	1924	†Harper, Brian John, B.Tech.	1961
Hamilton, Ian Michael, M.B., B.S.	1956	Harper, Judith Mary, M.B., B.S.	1957
Hamilton, Ian Scott, LL.B.	1951	†Harper, Roger Michael, B.Sc.	1963
Hamilton, Jean Anne, B.Sc.	1947	Harper, Ronald George, B.A.	1938
Hamilton, Margaret Berner, B.Sc.	1952	B.Ec.	1947
Hamilton, Reginald Hewgill, M.B., B.S.	1925	†Harriss, John Robathan, B.Sc.	1963
†Hamilton, Susan Kinley, B.A.	1962	Harrington, Colin, B.A.	1947
Hamilton, William Murray, M.B., B.S.	1944	Harrington, Enid Gretta, B.A.	1950
Hammill, Robert Duncan, M.B., B.S.	1942	Harrington, Joan Margaret, B.Sc.	1945
Hammond, Brian George, B.Sc.	1957	Harrington, Reginald Frank, B.D.S.	1943
Hammond, Henry Grant, M.B., B.S.	1944	Harrip, Brian John, B.A.	1950
Hammond, John Michael, M.Sc.	1958	Harris, Allan Cuthbert, B.Sc.	1923
Hamp, Frances Marian, M.B., B.S.	1925	Harris, Beryl Ruth, B.A.	1935
Hamra, Kameel Lawrence, M.B., B.S.	1958	Harris, Cecil George, B.A.	1951
Hancock, George Alfred, M.A. (B.A., 1901)	1909	Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924)	1959
Hancock, James Russell, B.Sc.	1941	Harris, Clare Sparkes, LL.B.	1925
Hancock, John Owen, M.B., B.S.	1952	Harris, David Hall, M.B., B.S.	1942
Hancock, Jonathan Yeatman, M.B., B.S.	1959	Harris, David John, M.B., B.S.	1952
Hancock, Keith Jackson, Ph.D. (London, 1959)	1960	†Harris, David William, B.A.	1963
Hancock, Richard Russell, B.E.	1953	Harris, Digby Ian, M.B., B.S.	1953
Hancock, William Andrew, B.Sc.	1924	Harris, Dominic Richard, B.Tech.	1959
Hancock, Sir William Keith, M.A. (Oxford, 1930)	1931	Harris, Donald Dunstan, M.A. (B.A., 1928)	1929
Handley, Donald Alfred, M.B., B.S.	1953	Harris, Donald Ernest, B.Tech.	1960
Handley, Harold Arthur, M.B., B.S.	1951	Harris, Dorothy Mary, B.A.	1919
Handley, Joan Marie, M.B., B.S.	1955	Harris, Dudley Andrew, B.A.	1938
Hankel, Barbara Joan, B.A.	1954	Harris, Frank Randall, B.Ec.	1955
†Hann, Christopher Sinclair, B.Sc.	1962	Harris, Ian Antrobus, M.B., B.S.	1949
Hanna, Marshall John Dawson, M.B., B.S.	1962	Harris, James Dunbar, M.B., B.S.	1953
Hanna, Robert Graham, B.Tech.	1960	Harris, Jack Ronald, M.Sc. (B.Sc., 1943)	1951
Hannaford, Brian Douglas, B.Sc.	1945	Harris, John, M.B., B.S.	1924
†Hannaford, Ian Geoffrey, B.Arch.	1963	†Harris, John Alfred, B.Sc.	1962
†Hannam, Alan Gordon, B.D.S.	1962	Harris, John Ernest, B.E.	1949
Hannan, Albert James, M.A. (B.A., 1909)	1914	Harris, Lorna Muriel, B.A.	1934
LL.B.	1912	†Harris, Michael Charles, LL.B.	1963
Hannan, Clare Reginald, LL.B.	1922	Harris, Robert Oxenberry, B.Ec.	1958
Hannan, Ian Ignatius, B.E.	1949	Harris, Roger Lawrence Newton, B.Sc.	1960
LL.B.	1958	Harris, Shirley Joyce, B.A.	1938
Hannan, John Spencer, LL.B.	1958	Harris, Sophie Dora, B.A.	1928
Hannan, Mignonne Elizabeth, LL.B.	1955	†Harris, Wayne Kingsley, B.Sc.	1963
Hannon, Dennis Francis, M.B., B.S.	1942	Harris, William Brocas, B.Ag.Sc.	1947
Hannon (nee Lewis), Gweneth Elizabeth, B.D.S.	1932	Harris, William Patrick, M.B., B.S.	1933
†Hannon, Pauline Mary, B.D.S.	1963	Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959
Hansberry, Gerald Maxwell, M.B., B.S.	1953	Harrison, Howard Raymond, B.Sc.	1948
Hansberry, John Pierce, B.A.	1945	B.A.	1955
Hansberry, Mary Estelle, B.Sc.	1951	Harrison, Jack, B.Ec.	1959
B.A.	1954	Harrison, Peter Linden, B.E.	1959
†Hansberry, Sara, B.A.	1962	Harrison, Walter, B.A.	1929
Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956	Harrold, Colin Morse, M.B., B.S.	1953
Hansen, Ian Victor, B.A.	1950		

* Deceased.

† Not yet Members of the Senate.

†Harry, Antony Romilly, LL.B.	1961	Hayward, Judith Marie, B.Sc.	1959
Harry, Arthur Hartley, B.A.	1901	Hayward, Lancelot Alfred, M.B., B.S.	1914
Harry, Geoffrey Courtenay, LL.B.	1925	Hayward, Norman William, B.A.	1960
Harry, Grant Varley, B.E.	1953	Hayward, Thomas Ronald, B.Ec.	1949
Harry, Irene Pearl, B.A.	1915	B.A.	1953
Harry, Romilly Carveth, LL.B.	1929	Hayward, Walter Richard, B.A.	1934
Hart, Arthur Maxwell, B.A.	1950	Haywood, Edward Francis, M.B., B.S.	1952
Hart, David Henderson, B.Sc.	1942	Head, John Graeme, B.Ec.	1954
Hart, Gavin, B.Sc.	1960	Head, Malcolm Gordon, B.Tech.	1958
†Hart, John Austin, B.E.	1961	Heading, Keith Edward George, B.Sc.	1930
Hart, Mary Margaret, B.A.	1950	B.A.	1938
Hartill, Graeme Donald, M.B., B.S.	1955	Headlam, Morley Lewis Caulfield, M.A.	
†Hartley, Douglas Glen, B.Tech.	1961	(Oxford, 1893)	1900
Hartshorne, Brian Herbert, M.B., B.S.	1952	Hearfield, Ian Venters, B.Sc.	1960
†Hartshorne, James Bruce, B.Sc.	1963	Healy, Anthony Hodgins, B.D.S.	1952
Hartwig, Ivan David, B.Tech.	1959	Healy, Peter, B.Sc.	1948
†Hartwig, Mervyn Carl, B.A.	1961	Healy, Vincent Michael, B.Sc.	1939
†Hartwig, Robert Eduard, B.Sc.	1962	Heard, Kenneth Harold, M.B., B.S.	1936
Harvey, Alison, B.A.	1938	Heard, Lyall Scott, B.Sc. (Eng.)	1944
Harvey, Bernice Enid, Mus.Bac.	1928	Heard, Malcolm Keith, B.Tech.	1960
Harvey, Christine Alice, B.A.	1955	Heard, Terrence George, B.Ag.Sc.	1959
Harvey, Dean Lawrence, B.Sc.	1947	Hearn, Anthony Clem, B.Sc.	1923
Harvey, Faith Fairbank, Mus.Bac.	1925	Heaslip (nee Shorney), Barbara Kate, B.A.	1928
B.A.	1936	*Heaslip, William Gordon, M.B., B.S.	1929
Harvey, Frederick George, M.A. (Yale, 1934)	1934	Heath, George Ross, B.Sc.	1960
†Harvey, John Whittle, B.Ec.	1963	Heath, Neil Stewart, Ph.D.	1955
Harvey, Joseph Leonard, B.Tech.	1960	Heath, Ronald Bertram, B.E.	1941
Harvey, Raymond Hynson, B.E.	1936	Heath, Trevor James Gartrell, B.A. (Cam-	
Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948	bridge, 1928)	1928
Harvey, Wilbur Henry, B.E.	1955	LL.B.	1932
Harvie, Sydney Haral, B.Sc.	1927	Heaton, Herbert, M.A. (Leeds, 1912)	1918
Harwood, Denis Arthur, B.Sc.	1960	Heaysman, Clive, M.B., B.S.	1958
Harwood, John William, M.B., B.S.	1953	Hebart, Armin William, B.Sc.	1944
Haselgrove, Harold Frederick, M.B., B.S.	1946	†Hebart, Hans Friedemann, B.A.	1961
Haselgrove, Helene Martha, B.A.	1923	Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932
Haselgrove, Janet Storrle, B.Sc.	1950	Hebart, Werner Friedrich, B.A.	1934
Haselgrove, Richard Frederick, B.Ag.Sc.	1959	Hecker, Joyce, B.A.	1955
Haselgrove, Wilfred Eric, B.E.	1937	Hecker, Olive May, B.A.	1954
Haseloff, Milton Conrad, B.A.	1956	Hecker, Robert, M.D. (M.B., B.S., 1947)	1956
Hasenohr, David, B.Sc.	1951	Heddle, Frederic French, M.B., B.S.	1935
Hasenohr, Edward, B.A.	1938	Heddle, Robert Charles, M.B., B.S.	1942
Hasenohr, Geoffrey, M.B., B.S.	1948	Heddle, Shirley, B.A.	1947
†Haskard, Donald Leith, B.E.	1962	Hedger, Dorothy Mavis, B.A.	1936
Haskard, George Henson Barrett, M.Sc.		Hedger, Joy West, B.Sc.	1959
(B.Sc., 1925)	1936	Hefford, Ronald Keith, M.Ec. (B.Ec., 1956)	1962
Haskard, John Rex, B.Sc.	1950	Heidenrich, George Bernhard Franz, B.A.	1944
Haskard, Malcolm Rosswyn, B.E.	1959	Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949
Haskard, Christopher Osborne, B.Sc.	1958	Heinemann, Mary Josephine, B.A.	1948
Haslam, Denise Allison, B.Sc.	1953	Heinemann, Mervyn Lambert, B.A.	1940
Haslam, Margaret Martha, M.B., B.S.	1935	Heinjus, David Frederick, B.Tech.	1960
Hassell, Frank Colin, B.E.	1933	Heinrich, Harold Gordon, B.Ec.	1956
Hassell, Kathleen Lilian, M.A. (B.A., 1923)	1927	Heinrich, Jeff Dean, B.Sc.	1949
Haste, Mary Joan, B.A.	1941	†Heinrich, Kevin John, B.Sc.	1962
Haste, Reginald Arthur, B.Sc.	1911	Heithersay, Geoffrey Sinclair, B.D.S.	1956
M.B., B.S.	1914	Heitmann, Dorothea Smith, M.B., B.S.	1949
Hastings, Margaret Claire, M.B., B.S.	1958	Heitmann, John Smith, M.B., B.S.	1951
†Hastwell, Colin Brooke, B.E.	1963	Hely, Arnold Stanley McMath, M.A. (New	
†Hanser, Robin, B.Arch.	1963	Zealand, 1948)	1957
Hawes, Brian Richard Albert, B.E.	1953	Hemingway, Peter Cunliffe, B.Sc.	1949
Hawke, Cynthia Joy, B.A.	1957	Henderson, Eric Malcolm, B.E.	1932
Hawke, John Burton, M.B., B.S.	1954	†Henderson, James Young, B.Ec.	1961
Hawke, John Gardner, B.Sc.	1954	Henderson, Leonard Ross, B.Ec.	1949
Hawke, Vivian Lee, M.B., B.S.	1946	Henderson, Margaret Evelyn, B.A.	1958
Hawken, Doris Marguerite, B.A.	1917	†Henderson, Murray Scott, B.Ec.	1962
Hawker, Elizabeth Julie Seymour, B.A.	1942	Henderson, Roland, LL.B.	1926
Hawker, John Seth, Ph.D. (B.Sc., 1956)	1962	Henderson, Ronald George, M.E. (B.E.,	
Hawkes, Joan Muriel, B.A.	1955	1957)	1962
Hawkes, Rose Adeline, B.A.	1928	Hendrickson, Douglas Buxton, M.B., B.S.	1941
Hawkins, Frederick James, LL.B., B.A.	1942	Henning, Frederick Rudolph, M.D.S. (B.D.S.,	
Hawkins, Henry Stuart, B.Ag.Sc.	1956	1952)	1959
†Hawryszkiewicz, Igor Titus, B.E.	1961	†Henning, Graydon Read, B.Ec.	1961
Hay, Gordon Stuart Baron, M.B., B.S.	1958	Henningsen, Marcus, B.E.	1952
Hay, Judith Alison Ruth, M.B., B.S. (Sydney,		Henschke, Lawrence Ronald, B.E.	1951
1950)	1962	†Henschke, Norman Frederick, B.Sc.	1952
Hayball, John Frederick, B.Sc.	1958	†Hensel, David John, B.E.	1962
†Haydon, Anthony Peter, B.A.	1961	Hensel, Gordon Maxwell, B.Sc.	1951
†Haydon, Donald George, B.A.	1961	Herath, Meewakkala Mudiyanselage Jinadasa	
†Haydon, Robert James, B.Tech.	1961	Willehad, B.Sc.	1955
†Hayes, Helen Margaret, B.A.	1963	Herbert, Gilbert, M.Arch. (Witwatersrand,	
Hayes, Horace Townsend, M.B., B.S.	1936	1956)	1962
Hayman, David Lindsay, Ph.D. (B.Ag.Sc.,		Herbert, Septimus Giffen Mills, B.Sc.	1949
1953)	1958	†Herbst, Kazimierz, B.Tech.	1962
Haynes, James Dalrymple, B.A.	1950	Hercus, Robert William, B.E.	1959
†Hayter, Robert John, B.Sc.	1963	†Heritage, Enid Helena, B.A.	1961
Hayward, Edward Leo, LL.B.	1925	Herman, Eugene, B.A.	1960
Hayward, John, B.E.	1953	Hermes, Clarence Lindsay, LL.B.	1951
Hayward, John Lionel, M.D. (M.B., B.S.,		†Heron, Ian Craig, B.Sc.	1962
1932)	1936	Herriot, Robert Irvine, B.Ag.Sc.	1932

* Deceased.

† Not yet Members of the Senate.

Herriot, Ronald Melbourne, B.E. - - - -	1952	†Hill, Robert Maxwell, B.Sc. - - - -	1963
Hersel, August Wilhelm, B.A. - - - -	1935	Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - - -	1920
†Hervey, Gordon Wayne, B.Sc. - - - -	1961	Hillier, Howard Armstrong, B.E. - - - -	1950
Herzog, Paul, B.A. - - - -	1953	Hills, Neville Francis, M.B., B.S. - - - -	1957
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered) - - - -	1913	†Hillwood, Eric Ronald, B.Sc. - - - -	1963
Heseltine, Samuel Richard, LL.B. - - - -	1908	Hilton, Arthur Robert, B.A. - - - -	1909
Hester, David Albert, B.A. (Cambridge, 1956) - - - -	1958	Hilton, Frank Morphett, B.Ag.Sc. - - - -	1948
Hester, Gwynn Thomas John, B.A. - - - -	1950	Hilton, Keith Denyer, LL.B. - - - -	1949
Hetherington, Robert, B.A. - - - -	1951	Hinc, Feliks-Alfons, B.E. - - - -	1957
Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944) - - - -	1949	Hinde, James Tempest, B.Sc. - - - -	1941
Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - - -	1926	Hine, Denise Charlotte, M.Sc. (B.Sc., 1949) - - - -	1952
Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948) - - - -	1952	Hine, Florence Pauline, B.A. - - - -	1947
Heuer, Powel Max, B.Sc. - - - -	1953	Hipper, John Douglas, B.Arch. (Melbourne, 1950) - - - -	1962
†Heuzenroeder, John Mathwin, B.A. - - - -	1962	†Hirst, John Bradley, B.A. - - - -	1963
Heuzenroeder, Peter Mathwin, LL.B. - - - -	1960	Hirst, Ronald Robert, M.Ec. (B.Ec., 1941) - - - -	1950
Heuzenroeder, Reginald Leo, LL.B. - - - -	1923	Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950) - - - -	1952
Hewett, Esther Jean, B.A. - - - -	1938	Hiscock, Kenneth George, B.D.S. - - - -	1952
Hewett, Peter Neil, B.Sc. - - - -	1956	Hiscock, Stephen West, B.Sc. - - - -	1949
Hewgill, Frank Richmond, Ph.D. - - - -	1955	Hisgrove, Gladys, B.A. - - - -	1936
†Hewitson, Douglas Keith, M.B., B.S. - - - -	1962	Hiskey, Thomas Alan, B.A. - - - -	1949
Hewitson, Gordon Frank, B.A. - - - -	1951	Hislop, Ian Gordon, M.B., B.S. - - - -	1958
Hewitson, Malcolm Thomas, B.A. - - - -	1951	Hitchcox, Alison Rosemary, B.A. - - - -	1955
Hewitt, Cecil Austin, LL.B. - - - -	1924	Hitchcox, Alfred Clarke, M.A. (B.A., 1924) - - - -	1932
†Hewitt, Clement Barnett, LL.B. - - - -	1961	Hitchcox, Joyce Mary, B.A. - - - -	1949
Hewton, Anthony Walter, B.Sc. - - - -	1957	Hiu Hock Leng, B.E. - - - -	1958
Heyne, Carl William, B.D.S. - - - -	1949	Ho, Shui, B.E. - - - -	1955
Heyne, Ida Marie, B.A. - - - -	1916	†Ho, Siew Yin, B.Ec. - - - -	1963
Heyne, Laura Olga Hedwig, M.A. - - - -	1917	Hoar, Barbara Charlotte, B.Sc. - - - -	1948
Heyward, Marie Louise, B.A. - - - -	1941	Hoare, Charles Gilles Lucas, M.B., B.S. - - - -	1955
Hiatt, Jack Thomas, LL.B. - - - -	1947	Hoare, Lehonde Lucas, M.B., B.S. - - - -	1949
B.Ec. - - - -	1948	†Hoare, Richard John, B.Ec. - - - -	1962
Hibbert, Kevin Malcolm, B.E. - - - -	1953	Hobbs, Alan Frank, M.B., B.S. - - - -	1922
Hickey, Kathleen Veronica, B.A. - - - -	1945	Hobbs, Brian Kenneth, M.B., B.S. - - - -	1956
Hickinbotham, Alan David, B.Sc. - - - -	1949	Hobbs, Craham Alan, M.B., B.S. - - - -	1955
†Hicks, Barry Leon, M.B., B.S. - - - -	1962	Hobbs, Ian Harold, M.B., B.S. - - - -	1948
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) - - - -	1926	Hobbs, Michael Sydney Talbot, M.B., B.S. - - - -	1956
M.D. (M.B., Ch.B., N.Z., 1923) - - - -	1936	Hobbs, William Harris, M.B., B.S. - - - -	1958
Hicks, Dene Alan, M.B., B.S. - - - -	1948	Hobden, Joan Frances, B.Sc. - - - -	1952
Hicks, Edward Paul, M.B., B.S. - - - -	1951	Hocking, Brian Dominic Windsor, B.A. - - - -	1960
Hicks, Francis Gibson, LL.B. - - - -	1915	Hocking, Colin Stanley, B.Sc. - - - -	1949
†Hicks, Harry Ernest, B.Tech. - - - -	1962	Hocking, Frank Maxwell, B.Sc. - - - -	1929
Hicks, John Buchanan, B.Sc. - - - -	1960	Hocking, Ian Winston, M.B., B.S. - - - -	1960
†Hicks, Michael D'Arcy Stanton, M.B., B.S. - - - -	1962	Hocking, Kevin, B.E. - - - -	1953
Hicks, Neil Dennis, M.D. (M.B., B.S., 1948) - - - -	1960	Hockney, Barry Herbert, B.Sc. - - - -	1955
Hicks, Peter George, B.Ag.Sc. - - - -	1961	Hodan, Miroslav, M.Ec. (B.Ec., 1953) - - - -	1956
Hicks, Ronald Pettinger, B.Ec. - - - -	1960	Hodby, Frederic Stephen, LL.B. - - - -	1925
Hicks, Warren Roseveare, B.Sc. - - - -	1944	Hodby, Kenneth Wellesley, M.B., B.S. - - - -	1936
Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E. - - - -	1956	Hodby, Lindley David, M.B., B.S. - - - -	1929
Hiern, Maurice Noel, B.Sc. - - - -	1952	Hodge, Philip Richard, M.B., B.S. - - - -	1952
Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949) - - - -	1954	Hodge, Robert Ley, M.B., B.S. - - - -	1956
Higginbottom, Edwin Corlett, B.A. - - - -	1920	†Hodge, Warren, B.Tech. - - - -	1963
Higginbottom, Edwin John, B.Ec. - - - -	1950	†Hodge, Warren David Payne, B.A. - - - -	1962
Higgins, Alan Leslie, B.E. - - - -	1953	Hodgkinson, Peter Willis, B.Ec. - - - -	1952
Higgins, Alfred James, B.A. - - - -	1930	Hodgson, Ian Harold, B.D.S. - - - -	1950
Higgins, Bruce Ashley, M.B., B.S. - - - -	1956	Hodgson, Richard Berkeley, M.B., B.S. - - - -	1959
†Higgins, Janine Margaret, B.Ec. - - - -	1963	†Hodson, Allin Charles, B.Sc. - - - -	1963
Higgins, John William, B.A. - - - -	1957	Hoepner, Robert John, B.E. - - - -	1959
Higgins, Raymond Hugh Edward, B.Ec. - - - -	1956	Hoff, Lothar Clemens, M.B., B.S. - - - -	1953
Higgs, Edward Davies, B.Ag.Sc. - - - -	1950	†Hoffman, Desmond Charles, M.B., B.S. - - - -	1962
Hilbig, Maxwell John, B.E. - - - -	1955	Hoffman, Jack, M.B., B.S. - - - -	1951
Hilbig, Paul Berthold, B.A. - - - -	1930	Hoffman, Mervyn John, M.B., B.S. - - - -	1960
Hilbrink, Janna, B.A. - - - -	1960	Hogan, Margaret Mary, B.A. - - - -	1950
Hill, Albert Charles, B.A. - - - -	1914	Hogan, Philip Cornelius, M.B., B.S. - - - -	1928
Hill, Alma Isobel, B.A. - - - -	1948	Hogarth, David Stirling, LL.B. - - - -	1931
Hill, Arthur William, D.Sc. (Cambridge, 1918) - - - -	1927	†Hogarth, Rosamond Elizabeth Goldney, B.Sc. - - - -	1963
Hill, Donald Gordon, B.E. - - - -	1959	Hogben, Roy, B.Sc. - - - -	1950
Hill, Douglas Henry, M.B., B.S. - - - -	1949	†Hoh, Kam Yong, B.Sc. - - - -	1961
Hill, Florence McCoy, B.Sc. (California, 1897) - - - -	1927	†Hoh, Kiang Hoy, B.E. - - - -	1962
†Hill, Geoffrey Noel, B.Sc. - - - -	1961	Hoile, Douglas Edward, M.B., B.S. - - - -	1951
Hill, Hilda Mary, B.A. - - - -	1908	Hoile, Edward Murray, M.B., B.S. - - - -	1953
Hill, Ivan William, B.Sc. - - - -	1956	Hokin, John Andrew Baird, M.B., B.S. - - - -	1960
Hill, John, B.Sc. - - - -	1922	Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - - -	1926
Hill, John Albert, B.Sc. - - - -	1943	Holden, Ethel, B.A. - - - -	1931
Hill, John Distin, B.Sc. - - - -	1940	Holden, Geoffrey Raymond, B.Sc. - - - -	1951
Hill, John Manners, M.B., B.S. - - - -	1958	Holden, Ralph William, B.Tech. - - - -	1958
Hill, John Seymour Thew Tregarthen, M.B., B.S. - - - -	1941	Holden, Robert William, B.E. - - - -	1950
Hill, Kenneth Arthur, B.Sc. (Eng.) - - - -	1950	Holder, Alison Joyce, Mus.Bac. - - - -	1941
Hill, Malcolm, B.E. - - - -	1951	Holder, Ethel Roby, M.A. - - - -	1901
†Hill, Malcolm Kingsley, B.Tech. - - - -	1963	Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered) - - - -	1913
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952) - - - -	1957	Holder, Sophia Ellen, B.A. - - - -	1908
†Hill, Peter, B.Tech. - - - -	1962	Holdich, John Rodger, B.A. - - - -	1960
		Holding, Barry John, B.Ec. - - - -	1959
		Holding, Sheilah Dolby, B.A. - - - -	1943

† Not yet Members of the Senate.

Holdsworth, Eric Spencer, Ph.D. (Leeds, 1950)	- - - - -	1959
Holdsworth, Leslie McLeod, B.A.	- - - - -	1934
†Holdsworth, William James, LL.B.	- - - - -	1961
Hole, Godfrey William Reynolds, B.E.	- - - - -	1960
†Hollamby, Gilbert John, B.Ag.Sc.	- - - - -	1961
†Holland, Anthony John Corin, M.B., B.S.	- - - - -	1963
Holland, Charlotte Annie, B.A.	- - - - -	1916
Holland, Gregory Dominic, M.B., B.S.	- - - - -	1960
Holland, James Williams, B.D.S.	- - - - -	1932
Holland, Joan, B.A.	- - - - -	1944
Holland, Laurence Corin, M.B., B.S.	- - - - -	1935
Hollands, Judith Helen, B.Sc.	- - - - -	1958
Holley, Maurice Frederick, B.Sc.	- - - - -	1959
Holliday, Norman Grant, B.E.	- - - - -	1952
Hollidge, Alfreda Faith, B.A.	- - - - -	1922
◦Hollidge, David Henry, M.A.	- - - - -	1889
Hollidge, Geoffrey David, LL.B.	- - - - -	1926
Hollis, William Frederick, B.D.S.	- - - - -	1955
Holloway, Beth, B.Sc.	- - - - -	1958
Holman, Lawson James, M.B., B.S.	- - - - -	1954
Holmes, Angus Spooner, B.A.	- - - - -	1955
†Holmes, Edwin Thomas, B.A.	- - - - -	1963
Holmes, Henry Bertram, M.B., B.S.	- - - - -	1940
Holmes, John Winspere, M.Sc.	- - - - -	1955
Holmes, Patricia Langley, B.A.	- - - - -	1958
Holmes, Reginald Murray, M.B., B.S.	- - - - -	1949
†Holt, Betsy Stamford, B.A.	- - - - -	1962
Holtham, Richard, B.A. (Queensland, 1916)	- - - - -	1920
Holton, Jack Arthur, B.E.	- - - - -	1952
Holywell, Keith Harold, M.Sc.	- - - - -	1959
Homburg, John, LL.B.	- - - - -	1908
Hone, Alfred Andrew, B.Sc.	- - - - -	1924
Hone, Brian William, B.A.	- - - - -	1928
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	- - - - -	1938
Hone, Frank Alexander, B.E.	- - - - -	1959
◦Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	- - - - -	1923
Hone, Garton Maxwell, M.B., B.S.	- - - - -	1924
Hone, Michael Raymond, B.Sc.	- - - - -	1950
M.B., B.S.	- - - - -	1954
Hone, Winifred Ruth Selwyn, B.A.	- - - - -	1934
†Honey, Anne Elizabeth, B.A.	- - - - -	1961
Honnor, Wilfred Weston, B.Sc.	- - - - -	1931
M.E. (B.E., 1935)	- - - - -	1945
†Hood, Donald James, B.Sc.	- - - - -	1963
Hood, Margaret Daphne, B.A.	- - - - -	1959
†Hood, Morris Samuel James, B.A.	- - - - -	1961
Hood, Vivian George, B.D.S.	- - - - -	1950
Hooker, Robert John, B.E.	- - - - -	1951
†Hooper, Andrew Wesley, B.Sc.	- - - - -	1963
Hooper, Frederick Harvey, B.Ag.Sc.	- - - - -	1936
Hooper, Jane Barker, B.A.	- - - - -	1941
Hooper, John Robert, B.A.	- - - - -	1959
†Hooper, Juan Frederick, B.Sc.	- - - - -	1963
†Hooper, Judith Claire, B.Sc.	- - - - -	1961
Hooper, Peter Laurence, B.Sc.	- - - - -	1934
Hooper, Rex Truran, M.E. (B.E., 1938)	- - - - -	1949
Hoopman, Friedrich Wilhelm, M.B., B.S.	- - - - -	1922
Hoopmann, Eric Paul, M.B., B.S.	- - - - -	1949
Hoopmann, Peter William, M.B., B.S.	- - - - -	1959
†Hopperoft, Stanley Cecil, B.Med.Sc.	- - - - -	1961
M.B., B.S.	- - - - -	1962
†Hope, Rory Moulden, B.Sc.	- - - - -	1963
†Hopgood, Melvyn Frederick, B.Sc.	- - - - -	1962
Hopkins, Brian McDonald, B.Sc.	- - - - -	1950
Hopkins, John McEwan, B.Tech.	- - - - -	1958
Hopper, Brian William, B.Sc.	- - - - -	1947
†Hopton, Oliver Barrie, B.Tech.	- - - - -	1962
Hopton, Peter Phillip Adrian, B.A.	- - - - -	1947
Horan (nee Cleland), Margaret Burton, M.B., B.S.	- - - - -	1932
†Horgan, Lillian Veronica, B.A.	- - - - -	1963
Horman, William Dinwoodie Ackland, M.B., B.S.	- - - - -	1941
Hornabrook, Reginald Denys, M.B., B.S.	- - - - -	1925
Horne, Colin James, M.A. (Oxford, 1941)	- - - - -	1958
Horner, Frances Jane, B.A.	- - - - -	1960
Horsfield, Helen Fay, M.B., B.S.	- - - - -	1959
Horton, Robert Ralph, M.B., B.S.	- - - - -	1953
Horvat, Leon, B.A.	- - - - -	1955
Horvat, Victor, M.B., B.S.	- - - - -	1955
Horvath, Laszlo, B.E.	- - - - -	1960
†Horwood, David William, B.Ag.Sc.	- - - - -	1963
Hosking, Alexa Anne, B.Sc.	- - - - -	1959
†Hosking, Anthony John, B.Sc.	- - - - -	1962
Hoskins, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - - -	1947
Hosking, Douglas William, B.A.	- - - - -	1960
Hosking, Herbert Champion, M.B., B.S.	- - - - -	1923
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, Roger John, B.Sc.	- - - - -	1961
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
Houssiadas, Lambros, Ph.D. (Leeds, 1958)	- - - - -	1961
Howard, Arthur Ewing, B.A.	- - - - -	1912
†Howard, Bruce Victor, B.E.	- - - - -	1962
Howard, Colin, Ph.D. (LL.M., London, 1956)	- - - - -	1963
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, Neville John, M.B., B.S.	- - - - -	1963
Howard, Patience Constance Joan, 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
Howarth, William Heron, M.B., B.S. (M.B., B.Ch. Witwatersrand, 1951)	- - - - -	1963
Howe, George William Osborn, D.Sc. (Durham, 1914)	- - - - -	1914
†Howe-Piening, Robert, B.E.	- - - - -	1961
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
†Howse, Robert Vincent, B.Tech.	- - - - -	1963
Hronsky, Eugenia, M.B., B.S.	- - - - -	1955
†Hsieh, Kwang Hwa, B.E.	- - - - -	1961
Huang, Su-Eng, Ph.D. (B.Sc., 1958)	- - - - -	1962
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 Cliddon, B.Sc.	- - - - -	1952
Hughes, Robert Douglas, B.D.S.	- - - - -	1938
Hughes, Robert George, B.Sc. (Eng.)	- - - - -	1942
Hughes, Samuel Edward, M.A. (Manchester, 1962)	- - - - -	1963
Hui, Weng Choon, M.B., B.S.	- - - - -	1957
†Hull, Ivan Kennett, B.Ec.	- - - - -	1962
Human, James Peter Egerton, M.Sc. (B.Sc., 1946)	- - - - -	1948
Humble, Dudley Samuel, M.B., B.S.	- - - - -	1959
†Humble, Peter Alan, M.B., B.S.	- - - - -	1962
Hume, Beryl May, B.A.	- - - - -	1959
Humphrey, Edwin Vincent, B.Tech.	- - - - -	1960
†Humphris, Ralph, B.A.	- - - - -	1961
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
Hundertmark, Bruce, B.E.	- - - - -	1959
†Hung, Yan Po, Ermimia, B.D.S.	- - - - -	1962
Hunkin, Leonard Dale, LL.B.	- - - - -	1935
Hunkin, Milton Philip, B.A.	- - - - -	1954
Hunt, Arnold Dudley, B.A.	- - - - -	1942

◦ Deceased.

† Not yet Members of the Senate.

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
Huppertz, John Lawrence, B.Sc.	1960
Hurlley, Leonard Joseph Bernard, B.A.	1914
Hurn, Pamela Junette, B.A.	1961
Hurren, Pauline Mary, B.E.	1959
Hurst, Charles Angas, 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
Hutchens, Desmond Fenton, B.Ec.	1961
Hutcheson, Carole Jean, M.Sc.	1963
Hutcheson, George Ian Dewart, B.E.	1917
Hutchesson, 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
Hutchinson, William Allan, M.B., B.S.	1963
Hutton, Alan Victor, B.A.	1961
Hutton, Deane Winston, B.Sc.	1963
Hutton, Edward Mark, D.Sc. (B.Ag.Sc., 1933; M.Sc., 1940)	1951
Hutton, John Thomas, B.Sc.	1938
Hutton, Malcolm Austin, B.A.	1963
Hutton, Tom Allan, LL.B.	1940
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	1950
Hyde, Alan Graham, B.Ec.	1951
Hyde, Geoffrey O'Halloran, M.B., B.S.	1961
Hyde, James O'Halloran, M.B., B.S.	1954
Hyde, Mirian Beatrice, Mus.Bac.	1931
Hynes, Patrick D'Arcy, B.A.	1963
Hyslop, Alexander, B.A.	1960
Hyson, Peter, B.Sc.	1960
I	
Ibbotson, Richard Neville, M.D. (M.B., B.S., 1961 (London, 1951))	1962
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
Ingleton, Christine, B.A.	1963
Inglis, Cecil Frederick, B.E.	1958
Inglis, Geoffrey Russell, B.E.	1961
Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	1957
Inglis, Norman John, B.Sc.	1961
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, Graham 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, Margaret Lynette, B.Sc.	1961
Isaachsen, Oscar Cedric, LL.B.	1932
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
Iskanto, Raden, B.E.	1962
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941
Ismar, Sjamsir, B.E.	1963
Isom, Constance Ruth, B.A.	1934
Iwanicki, Walter Rudolph, B.Tech.	1962
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
Jack, 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
Jackson, M.B., B.S.	1951
Jackson, John Flexmore, Ph.D. (M.Sc., 1960)	1963
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
Jagermann, Karl, M.B., B.S.	1961
Jago, John Geoffrey, LL.B.	1955
Jakob, Miklos Laszlo, B.Sc.	1962
Jakobsen, Hugo, B.A.	1954
James, Alan Treleven, M.Sc. (B.Sc., 1943)	1949
James, Bertha Gwendoline, B.A.	1934
James, Brian Harold, B.Sc.	1961
James, Brian Norman, B.E.	1955
James, Clarence Keith, B.E.	1932
James, Colin Thomas, M.B., B.S.	1942
James, Helen Margaret, B.A.	1941
James, Henry John, B.Ec.	1963
James, Paul Reuben, M.B., B.S.	1941
James, Richard Cecil, B.A.	1954
James, Robert Jeffrey, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
James, Robert William, B.Tech.	1959
James, Walter Bruce, B.Tech.	1963
James, Wesley Hughes, B.Sc.	1919
James, M.E. (B.E., 1921)	1932
James, William Rex, M.B., B.S.	1928
Janardhan, Narienkadu Mohanarunga, B.E.	1954
Janes, Boris Sebire, M.Sc.	1948
Jankauskas, Algis, M.B., B.S.	1959
Jankevics, Arvids, B.Sc.	1963
Jankovskis, Harry Bronislavs, B.Tech.	1962
Jansen, Geoffry Clive, B.E.	1962
Jansen, Marcus Gordon, M.B., B.S.	1943
Jansen, Peter Edgar, B.Arch.	1962
Janzow, Eric Herbert Martin, B.A.	1940
Jarrett, Frank George, Ph.D. (Iowa)	1955
Jarrett, Ivan Gentry, M.Sc. (B.Sc., 1939)	1947
Jarvis, Deane Graham, LL.B.	1963
Jarvis, Ronald Harris, M.B., B.S.	1948
Jaskewycz, Taras, B.Sc.	1956
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922
Jaunkalvis, Peteris Hermanis, B.Ec.	1961
Jay, Hubert Melville, M.B., B.S.	1908
Jay, Peter Gerald, M.B., B.S.	1941
Jeanes, Brian Hamilton, M.B., B.S.	1953
Jeanes, John Colin, B.E.	1954
Jedrzejszak, Wacław Jan, B.Tech.	1962
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1956
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1960
Jeffares, Alexander Norman, M.A. (Oxford)	1952
Jefferies, Brian Crossley, B.Ag.Sc.	1953
Jefferies, Arthur Tarlton, B.Sc.	1908
Jeffery, William George, B.Sc.	1962
Jefferson, Ian Scott, LL.B.	1962
Jeffrey, Peter Dalrymple, B.Sc.	1960

† Not yet Members of the Senate.

Jeffries, Elizabeth Shirley, B.A. - - - -	1957	†Johnstone, Margaret Catherine, M.B., B.S. -	1961
Jeffries, John Singleton, M.B., B.S. - - -	1942	Johnstone, William Watson, M.E. (B.E.,	1937)
Jeffries, Lewis Wibmer, M.B., B.S. - - -	1907	Jolly, Bertram Morris, M.B., B.S. - - - -	1937
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953	Jolly, Dennis Rawson Penfold, B.Sc. - - -	1953
Jeffries, Sir Shirley Williams, LL.B. - - -	1909	Jolly, Donald, B.Sc. - - - - - - - - -	1945
Jellett, Leon Barry, M.B., B.S. - - - - -	1960	Jolly, Erica Annette, B.A. - - - - - - -	1956
Jellinek, Hans Helmut Gunter, Ph.D. (Cam-	1951	†Jolly, Meryl Ann, B.A. - - - - - - - - -	1983
bridge, 1945) - - - - - - - - - - - - -	1951	†Jolly, Peter Lewis, B.Sc. - - - - - - - -	1982
†Jelly, Michael Thomas James, M.B., B.S. -	1963	Jolly, Wallace Wilson, M.S. (M.B., B.S.,	1930)
Jenke, Dudley Conrad, B.Sc. - - - - - - -	1950	Jolly, William Alfred Swinburne, B.E. - - -	1948
Jenkin, Alfred John Roseland, B.A. - - - -	1932	Jolly, William Richard, Norman, B.Sc. - - -	1933
Jenkin, Beth Lenore, B.A. - - - - - - - -	1940	Jona, Jacob, B.Sc. - - - - - - - - - - -	1908
Jenkin, John Grenfell, B.Sc. - - - - - - -	1960	B.A. - - - - - - - - - - - - - - - - -	1937
Jenkin, Mabel Gertrude, B.A. - - - - - - -	1928	Jona, Judah Leon, D.Sc. - - - - - - - - -	1910
Jenkin, Philip Ross, B.Ec. - - - - - - - -	1960	M.B., B.S. (Melbourne, 1911) - - - - -	1917
†Jenkin, Robert Haydon, B.A. - - - - - - -	1962	M.S. - - - - - - - - - - - - - - - - -	1919
Jenkins, Heather Gordon, B.Sc. - - - - -	1950	Jonas, Oswald, M.B., B.S. - - - - - - - -	1959
Jenkins, Rex Desmond, B.A. - - - - - - -	1941	Jones, Alan Stuart, B.Sc. - - - - - - - -	1980
Jenkinson, Herbert Gordon, M.E. (Melbourne,	1922	Jones, Alan Thomas Britten, M.B., B.S. -	1921
1916) - - - - - - - - - - - - - - - - -	1922	Jones, Albert Walter, B.Sc. - - - - - - -	1932
Jenner, Anthony Martin, B.E. - - - - - - -	1952	M.A. (B.A., 1937) - - - - - - - - - - -	1944
Jenner, Monica Marie, B.A. - - - - - - - -	1959	Jones, Beverley Lillian, B.A. - - - - - - -	1959
Jennings, Allen Charles, M.Sc. - - - - - -	1963	Jones, Brian Lewis, B.E. (Interim B.Sc.	(Eng.), 1946, surrendered)
Jennings, Bruce Arthur, B.E. - - - - - - -	1950	B.Ec. - - - - - - - - - - - - - - - - -	1949
†Jennings, Colin Bruce, B.Sc. - - - - - - -	1962	Jones, Conway Jeffrey, B.Sc. (Eng.) - - -	1945
Jennings, Robert Edward, B.Sc. - - - - -	1952	Jones, David Lewis, M.B., B.S. - - - - -	1950
Jennison, Raymond Barraclough, B.E. - - -	1950	B.Sc. - - - - - - - - - - - - - - - - -	1963
Jens, John Matthias Joseph, M.B., B.S. - - -	1934	Jones, Doris Egerton, B.A. - - - - - - -	1911
Jensen, Allan Northbrook, B.E. (Interim B.Sc.	1947	Jones, Dorothy Irene, B.A. - - - - - - -	1945
(Eng.), 1944, surrendered) - - - - - - -	1947	Jones, Dorothy Lillian May, M.A. - - - - -	1961
†Jensen, Peter Rolf, B.Arch. - - - - - - - -	1963	Jones, Geoffrey Hedley, M.B., B.S. - - - -	1947
Jensen, Richard Ian Broughton, B.A. - - - -	1951	Jones, Gwynfred, B.Sc. - - - - - - - - -	1926
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool,	1933)	Jones, Helen Patricia, B.A. - - - - - - -	1948
1933) - - - - - - - - - - - - - - - - -	1957	Jones, Herbert William, B.E. - - - - - - -	1939
Jensen, Tom Broughton, B.E. - - - - - - -	1938	Jones, Jean Murray, M.B., B.S. - - - - -	1944
Jephcott, Bruce Reginald, B.Sc. - - - - -	1950	†Jones, Jeanette Rosemary, B.A. - - - - -	1963
Jepson, Richard Pomfret, M.B., B.S. (M.B.,	1959	Jones, John Brett, Ph.D. (Wisconsin, 1958)	1960
Ch.B., Manchester, 1941) - - - - - - -	1959	Jones, Keith Gerald, B.Ec. (B.Com., Mel-	bourne, 1956) - - - - - - - - - - -
†Jericho, Arnold Mervyn, B.E. - - - - - - -	1938	Jones, Kelvin Lindsay, B.Sc. - - - - - - -	1945
†Jericho, Lois Joy, B.A. - - - - - - - - -	1961	Jones, Kenneth Thomas, M.B., B.S. - - - -	1951
Jessup, Allan Aubrey, M.B., B.S. - - - - -	1952	Jones, Evan Mander, M.A. (Oxford, 1937)	1948
†Jessup, George Aubrey, LL.B. - - - - - - -	1933	Jones, Margaret Britten, B.A. - - - - - -	1947
Jessup, Leonard Clive, M.B., B.S. - - - - -	1952	†Jones, Marie Katherine, B.A. - - - - - - -	1961
Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1947	Jones, Michael John, B.A. - - - - - - - -	1954
Jew, Ronald William, LL.B. - - - - - - - -	1937	Jones, Reginald John, B.A. - - - - - - -	1948
Jewell-Thomas, Stephen Rutter Culross, B.E.	1954	Jones, Richard Alan, Ph.D. (Cambridge,	1960)
Johinke, Albert Keith, B.E. - - - - - - - -	1952	Jones, Richard Edmund Britten, M.D. (M.B.,	B.S., 1941) - - - - - - - - - - -
John, Glen Owen, B.E. - - - - - - - - - -	1951	Jones, Robert Britten, M.B., B.S. - - - -	1952
†John, Ian David, B.A. - - - - - - - - - -	1961	Jones, Robert Howard, B.Sc. - - - - - - -	1940
John, Lloyd Vincent, B.A. - - - - - - - - -	1954	†Jones, Rosemary Frances Hackett, B.A. - - -	1962
Johncock, Leonard Percy, B.A. - - - - - - -	1926	†Jones, Trevor Robert, B.E. - - - - - - -	1961
Johns, Bennett Gilbert Langman, B.Sc. - - -	1937	Jordan, Dierdre Frances, B.A. - - - - - -	1947
Johns, Darby Richard, B.Ec. - - - - - - - -	1958	Jordan, Denis Oswald, D.Sc. (London, 1953)	1955
Johns, Malcolm Grant, B.Sc. - - - - - - - -	1960	Jorgensen, Donald Murray, M.B., B.S. - - -	1953
Johns, Robert Edwin, B.E. - - - - - - - - -	1960	Jorgensen, Francis Richard Arthur, B.E. - - -	1960
Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960	Jory, Rodney Leonard, B.Sc. - - - - - - -	1959
Johns, Rodger Norman, B.E. - - - - - - - -	1960	Jose, Cleve George, B.E. (Interim B.Sc.	(Eng.), 1947, surrendered)
Johns, Rowland Walden, B.E. - - - - - - -	1951	†Jose, David Gilbert, M.B., B.S. - - - - -	1963
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955	Jose, Edward Salisbury, B.A. (Oxford, 1904)	1905
Johnson, Bruce, Ph.D. (London, 1955)	1956	Jose, Geoffrey Alan, M.B., B.S. - - - - -	1948
Johnson, Christopher Malcolm, B.E. - - - - -	1952	Jose, John Salisbury, M.B., B.S. - - - - -	1957
Johnson, Darlene Fraser, B.A. - - - - - - -	1957	Jose, Sir Ivan Bede, M.S. (M.B., B.S., 1915)	1923
Johnson, Dorothy Mavis, B.A. - - - - - - -	1931	Joseph, George, LL.B. - - - - - - - - - -	1938
Johnson, Edwin Ralph, B.A. - - - - - - - -	1931	Joseph, Hapurachchige Don Austin Carlo,	B.Sc. - - - - - - - - - - - - - - - - -
Johnson, Eleanor Elizabeth, B.Sc. - - - - -	1957	Joseph, Kianthra Thomas, M.Ag.Sc. - - - -	1958
Johnson, Francis Henry, M.A. (Oxford, 1946)	1952	Joshi, Jagan Nath, M.B., B.S. - - - - - -	1958
Johnson, Francis James, B.E. - - - - - - -	1952	Joske, John Webster, M.B., B.S. - - - - -	1955
Johnson, Jeffery William Harwood, LL.B. - -	1951	Joyce, Rosalie Woodruff, B.A. - - - - - -	1929
Johnson, Keith Douglas, B.Sc. - - - - - - -	1950	Joyner, Malcolm Stewart, B.D.S. - - - - -	1926
Johnson, Margaret Isabel, B.A. - - - - - - -	1952	Joyner, Max Frederick, LL.B. - - - - - -	1913
†Johnson, Michael, B.Ec. - - - - - - - - - -	1963	Judd, James, B.A. - - - - - - - - - - - -	1954
Johnson, Neil Camac, B.Tech. - - - - - - -	1963	Judd, Percival Richard Henry, B.A. - - - -	1934
Johnson, Nicholas, B.Med.Sc. - - - - - - -	1962	B.Ec. - - - - - - - - - - - - - - - - -	1938
Johnson, Peter Ralph, B.Sc. - - - - - - - -	1941	Jude, Gertrude Josephine, B.Sc. - - - - -	1901
Johnson, Robert Douglas, B.E. - - - - - - -	1955	Judell, Maurice Wolff, B.Sc. - - - - - - -	1903
Johnson, Robert Vincent, Ph.D. (Manchester,	1952)	Judell, Trevor Leopold, B.Sc. - - - - - -	1947
1952) - - - - - - - - - - - - - - - - -	1959	Judell, Vivienne, LL.B. - - - - - - - - -	1933
Johnson, Ronald Lisle, LL.B. - - - - - - -	1937	Juett, Christina Margaret, M.A. (B.A., 1929)	1933
Johnson, Ross Gordon, M.B., B.S. - - - - -	1958	Juhasz, Ferenc, B.Ec. - - - - - - - - - -	1958
Johnson, William Courtenay Saunders, B.A.	1934		
Johnson, William Herbert, B.A. - - - - - - -	1911		
†Johnsson, William George, B.Tech. - - - - -	1962		
Johnston, Elizabeth, LL.B. - - - - - - - -	1948		
Johnston, Elliott Frank, LL.B. - - - - - - -	1940		
Johnston, Lance Galbraith, B.E. - - - - -	1925		
Johnston, Ross George, B.D.S. - - - - - - -	1936		

* Deceased.

† Not yet Members of the Senate.

Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909)	1914	† Kelly, Kieran Carmichael, LL.B.	1963
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1926)	1949	Kelly, Michael, M.D. (M.B., B.S., 1928)	1945
Jungfer, Lorenz Wilfred, B.D.S.	1933	Kelly, Michael Lawrence, LL.B.	1928
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907)	1914	Kelly, Patrick Joseph, LL.B.	1924
Juttner, Prudence Anne, B.Sc.	1952	Kelly, Peter Maurice St. Leger, LL.B.	1959
		Kelly, Robert John, B.E.	1959
		Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949
		Kelman, Hilda, M.B., B.S.	1948
		B.A. (W. Aust., 1943)	1949
		Kelsall, George Robert Henry, M.B., B.S.	1958
		Kelsey, Oswald Mortimer, B.E.	1938
		† Kemp, Deane Clayton, B.Tech.	1963
		Kemp, Henry Kenneth, B.Ag.Sc.	1933
		Kempster, Charles John Edgar, Ph.D. (Cam- bridge, 1958)	1960
		Kendrew, George Harry, M.B., B.S.	1917
		Kenihan, Raphael Leo, M.B., B.S.	1915
		Kenihan, Robert Austin, M.B., B.S.	1946
		Kennare, Hugh Daly, B.D.S.	1950
		† Kennare, Mary Anne, B.Sc.	1962
		Kennedy, Alan Duncan, B.A.	1952
		Kennedy, Alexander Lorimer, B.E.	1915
		† Kennedy, Barbara Anne, M.B., B.S.	1962
		Kennedy, Desmond Anthony, M.B., B.S.	1955
		Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957
		Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958
		Kennedy, Gillian Ruth, Ph.D.	1963
		Kennedy, John Graham, B.E.	1952
		Kennedy, Josephine Margaret, M.B., B.S.	1939
		Kennedy, Karin Isobel, B.Sc.	1955
		† Kennedy, Kevin John, B.Ec.	1962
		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
		† Kennett, Maureen Patricia, B.A.	1963
		† Kenny, Edward James, B.Tech.	1962
		Kenny, Daniel Thomas, B.E.	1951
		† Kenny, Martin Bill, B.Arch.	1963
		Kenny, Martin Lance, B.A.	1940
		Kenny, Patricia Mary, B.A.	1954
		Kent, George Lynden, B.A.	1952
		Kent, Heinz Sigfrid Koplowitz, Ph.D., (Cam- bridge, 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
		† Kernode, Merovynn May, B.A.	1962
		† Kermick, Colin Geoffrey, M.B., B.S.	1963
		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, John Elder, M.B., B.S.	1963
		Kerr, Sydney Challen, M.B., B.S.	1942
		† Kerrison, John James, M.B., B.S.	1963
		† 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.	1936
		Ketteridge, Ian Bruce, M.E. (B.E., 1951)	1963
		† Keynes, Donald Maynard, B.Tech.	1962
		Keynes, Doris Ruth, B.Sc.	1950
		Keynes, Nanette Joan, B.A.	1943
		† Keynes, Walter John, B.Tech.	1961
		Kho, Chin Heng, B.Sc.	1960
		† Khoo, Phon Sai, B.Sc.	1963
		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
		† Kieselbach, Patricia, B.A.	1961
Kaasoi, Prachuap, B.E.	1956		
Kaewbaidhoon, Sa-ngob, B.Sc.	1952		
Kahan, Raoul Robellaz, B.Sc.	1911		
Kaines, Macklin, B.A.	1927		
Kaines, Raymond Hannay, M.B., B.S.	1926		
Kakulas, Byron Arthur, M.B., B.S.	1956		
Kalinovsky, Galina, M.B., B.S.	1953		
Kalinovsky, Peter Victor, M.B., B.S.	1953		
Kalins, Andrejs, B.Sc.	1960		
Kambala, Jazeps, B.Tech.	1958		
† Kammer, Monica Vivienne, B.Sc.	1961		
† Kanapathipillai, Daisy, M.B., B.S.	1962		
Kandasamy, Kanapathy, M.Sc.	1955		
Kundiah, Kumarasivam, B.E.	1958		
† Kane, Leo William, B.A.	1962		
Kaneff, Stephen Dimov, Ph.D. (B.E., 1949)	1956		
† Kansil, Nico, B.App.Sc.	1962		
Kanwar, Jaswant Singh, Ph.D.	1954		
† Kappelle, Karel, B.Sc.	1961		
Kappeler, Laurel Valma Joy, B.A.	1950		
Karim, Abdul, Ph.D. (M.Sc., Dacca)	1951		
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951		
Karolyi, George, B.E.	1960		
Karthigasu, Kula Thungam, B.Sc.	1960		
† Kartomi, Hidris, B.Tech.	1963		
† Kartomi, Margaret Joy, B.A.	1963		
† Kaspiew, Radzen, B.A.	1958		
† Katakasi, Igor, B.Sc.	1962		
Katekar, Gerard Frederick, Ph.D. (B.Sc., 1958)	1962		
Katekar, Henry John, LL.B.	1937		
Kaufman, John Lewis, B.D.S.	1956		
Kaupmees, Lennart, M.B., B.S.	1956		
Kauschke, Kevin Francis, B.Tech.	1960		
Kavass, Igor Ivar, LL.B. (Melbourne, 1956)	1959		
Kay, Alexander Theodore, B.E.	1924		
Kay, Cecil Bernhard, B.Sc.	1935		
Kay, Malcolm John, B.Sc.	1957		
Kay, Mounat John Richard, M.A. (Oxford, 1907)	1926		
Kay, Robert Pringle, B.E.	1926		
† Kay, Rosemary, M.B., B.S.	1961		
Kay, Sylvius Clarence, B.Sc.	1939		
Keain, Arthur Patrick, B.A.	1958		
Keally, Frank Shenstone, B.A.	1951		
Kean, Eileen Margaret, M.A. (B.A., 1927)	1930		
† Keane, Mary Veronica, B.A.	1961		
Keamy, John William, B.Ec.	1949		
Kearnan, Joseph Reginald, LL.B.	1925		
Kearney, Bernard James, B.A.	1949		
† Kearney, Geraldine Helen Elizabeth, M.B., B.S.	1961		
Kearney (nee Dorsch), Ida Margarete, B.A.	1926		
Kearney, Josephine Agnes, B.A.	1952		
Kearney, Margaret Patricia, M.B., B.S.	1955		
Keats, Arthur Lange, B.E.	1937		
Keats, John Augustus, B.Sc.	1944		
Keats, Reynold Gilbert, B.Sc.	1948		
† Keda, Inga, B.D.S.	1961		
Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958		
Keen, Ross Maxwell, B.E.	1954		
Keeves, Andrew, B.Sc.	1951		
Keeves, John Philip, B.Sc.	1945		
Keeves, Margaret, B.A.	1944		
Keipert, Leslie James, M.B., B.S.	1918		
Kelley, William Brian, B.A.	1951		
† Kelly, Bryan Llewellyn, B.E.	1961		
Kelly, Cecil James St. Leger, LL.B.	1924		
† Kelly, David St. Leger, LL.B.	1961		
Kelly, Ellen, B.A.	1928		
Kelly, Eric Gordon, M.A. (B.A., 1920)	1925		
Kelly, Ernest James, B.A.	1952		
* Kelly, Francis, LL.B.	1906		
Kelly, Francis Peter, LL.B.	1937		
† Kelly, Frank Reginald, B.A.	1961		
Kelly, Gwenda Mary Christine, B.A.	1949		
Kelly, John Erwin, LL.B.	1936		

* Deceased.

† Not yet Members of the Senate.

Kildea, Mary Francis, B.A.	1940	Knaeurhase, Oscar Carl, M.A. (B.A., 1934)	1943
Kilgariff, Joseph Thomas, B.E.	1942	Kneebone, Christopher Stephen, B.E.	1920
Kilgariff, Ronald Desmond, B.Sc.	1948	Kneebone, Clive Stuart, M.B., B.S.	1951
Killmier, Arthur Clifford, B.A.	1929	Kneebone, Garry Malcolm, M.B., B.S.	1953
Kilmier, Betty Margaret, B.A.	1953	Kneebone, John Henry, M.B., B.S.	1954
Kilpatrick, Iain David, B.E.	1960	Kneebone, John Keith, M.B., B.S.	1947
†Kimber, Gillian, B.A.	1961	Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911)	1921
Kimber, Hugh Robert Reid, B.E.	1940	Kneebone, Nance Gordon, B.A.	1950
Kimber, Jennifer, B.A.	1959	Knight, Edwin Walter, M.B., B.S.	1957
Kimber, Pamela, B.A.	1947	Knight, Ronald Barrington, M.B., B.S.	1933
Kimber, Richard John, B.D.S.	1953	Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
M.B., B.S.	1961	Knox, Peter Gordon, B.Tech.	1953
Kimber, Robert James, B.A.	1960	Koch, Colin Barry, B.D.S.	1951
Kimber, Ronald Walter Lincoln, Ph.D. (B.Sc., 1956)	1960	Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928)	1938
Kindler, John Ernest, M.E. (B.E., 1928)	1930	Koehne, Ivan Harold, M.B., B.S.	1956
King, Brian Maxwell, B.E.	1956	Koehne, Marjorie Evelyn, B.A.	1931
King, Colin George, B.D.S.	1938	†Koehne, Monica, B.A.	1962
†King, David McMillan, M.B., B.S.	1963	Koehne, Peter David, B.A.	1957
King, Donald, M.Sc. (B.Sc., 1948)	1950	Koehne, Raymond Percy, B.A.	1932
King, Edwin George, B.A. (Western Australia, 1942)	1958	†Koehne, Robert, M.B., B.S.	1961
King, Frances Mary, B.A.	1960	Koerber, Brian Walter, B.Sc.	1956
King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956	Koerner, Carl Frederick, M.E. (B.E., 1923)	1933
King, Leonard James, LL.B.	1951	B.Sc.	1938
†King, Margaret Jessica Esmeé, Mus.Bac.	1962	Koerner, John Francis, B.E.	1924
King, Robert Bruce, B.Sc. (Sydney, 1947)	1960	†Kohler, Bryce Leonard Percival, B.Ec.	1961
†King, Tania Leonie, M.B., B.S.	1963	Kohler, Theodor George, M.B., B.S.	1946
†Kingston, Anthony Ian, B.D.S.	1961	Kollosche, Harold Frank, M.B., B.S.	1915
Kinloch, Hector Gilchrist Lusk MacTaggart, Ph.D. (Yale, 1960)	1961	†Kong, Ted Chong, Joseph, B.Ag.Sc.	1961
Kinlough, Margaret Anne, M.D. (M.B., B.S., 1958)	1963	†Kongi, Otto, B.Tech.	1961
†Kinlough, Raelene Lorna, M.B., B.S.	1961	Koop, Eric John, B.E.	1949
Kinnaird, Malcolm Alexander, B.E.	1959	Koop, Peter Malcolm, M.B., B.S.	1949
Kinnane, Kenneth James, B.D.S.	1952	Korallis, Costa Agis, B.Sc.	1956
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	†Kornis, Edith Barbara, M.B., B.S.	1963
Kinnear, Andrew Munro, B.E.	1950	Korytnyk, Wsewolod, Ph.D. (B.Sc., 1953)	1957
†Kinnear, Gerald Campbell, M.B., B.S.	1961	†Kotlarski, George, B.E.	1962
Kinsman, Andrew Guise, B.E.	1954	Kowanko, Nicholas, Ph.D. (B.Sc., 1956)	1961
†Kirby, Barrie Michael, B.Sc.	1961	Krantz, Kenneth David, M.B., B.S.	1941
†Kirby, Charles William, B.Tech.	1961	†Krantz, Peter Philip, B.Sc.	1963
Kirby, David Bevan, M.B., B.S.	1951	Krantz, Roy, M.B., B.S.	1930
†Kirk, Alexander Charles, B.Sc.	1963	Krantz, Sydney, M.B., B.S.	1927
Kirkman, David Norton, M.B., B.S.	1947	Kranz, Murray Lyall, B.D.S.	1951
Kirkman, Edith Doreen, B.Sc.	1948	†Krassay, Thomas Egon, B.D.S.	1961
M.B., B.S.	1951	Krause, Malcolm Rex, B.Ag.Sc.	1947
Kirkman, Kenneth Hainsworth, LL.B.	1919	Kretschmer, Gaynor Blanche, B.A.	1948
Kirkman, Lawrence Hayworth, LL.B.	1949	Krichauff, George Frederick, B.E.	1927
Kirkwood, John, B.D.S. (Sydney, 1954)	1962	Krichauff, Henry Stead, B.Ag.Sc.	1958
Kirsch, Marina, LL.B.	1960	Krieg, Erwin Oswald, B.A.	1947
Kirsten, Marcia Meymott, B.A. (Sydney, 1924)	1952	Krieg, Marcus Gustav, B.A.	1941
Kirwan, Colleen Joy, B.Sc.	1956	†Krieger, Geoffrey Edward, M.B., B.S.	1961
Kissel, Thomas Alfred, B.A.	1954	Kriehn, Adolf Oscar, M.A. (B.A., 1922)	1926
Kitchener, Martin John, B.E.	1957	Krishnan, Subramaniayer Sivarama, M.B., B.S.	1958
Kitson, Mary Cecil, LL.B.	1916	Krishnapillai, Vijeyaschari, B.Sc.	1960
Kitto, Rodney Keith, B.Tech.	1959	Kristoff, Julia, B.Sc.	1960
Kiusalaas, Jaan, B.E.	1956	Krockenberger, Bruno, B.E.	1956
Klaebe, Kenneth Eric, B.Sc.	1960	Kruger, James Morris, B.Sc.	1948
B.A.	1961	Kruhming, Edward Charles, B.E.	1960
Klaebe, Robert John, B.D.S.	1955	†Krumins, Bruno, B.Tech.	1962
Klaebe, Ruth Adelaide, B.A.	1947	Krumins, Dagmara Eleonora, B.D.S.	1954
†Klau, Wilfred Albert, M.B., B.S.	1963	Kryvoviazza, Jaroslaw, B.D.S.	1953
Klaus, Cynthia Beaumont, B.Sc.	1953	Kubacz, George John, M.B., B.S.	1959
Kleeman, Alfred William, Ph.D. (B.Sc., 1933; M.Sc., 1935)	1955	Kuchel, Carl Wilhelm August, M.A. (B.A., 1908)	1912
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Kuchel, Clemens Carl, B.Sc.	1934
Kleeman, Peter Wallace, B.E.	1951	Kuchel, Rex Harold, B.Sc.	1942
Kleeman, Reginald Theodore, B.E.	1923	Kuchel, Robert Erwin, B.Sc.	1947
Kleemann, Colin Martin, B.E.	1939	Kuhl, Dean Hasting, B.Sc.	1957
Klein, Robert William, M.B., B.S.	1939	Kuhlmann, Herman Frederick, M.B., B.S.	1943
Kleinig, Cyril Raymond, B.Ag.Sc.	1950	†Kukurs, Iona, B.A.	1961
†Kleitsch, Frederic, B.Ec.	1961	Kulasingham, Lynn, B.A.	1959
†Klimowski, Leopold Richard, M.B., B.S.	1961	Kumnick, Donald Kerr, M.B., B.S.	1951
Kloeden, Louis Adolph, B.A.	1948	†Kuo, Chiao Chiao, B.Sc.	1962
Klose, Alfred Emil Johannes, B.A.	1915	Kurczak, Henry, B.E.	1957
†Klose, Brenton Rollo, B.E.	1963	Kurtz, Clarence Norman, B.A.	1956
Klose, Edwin Francis, B.Sc.	1959	Kurucsev, Tomas, Ph.D. (B.Sc., 1954)	1958
†Kluht, Caroline Jennifer, B.A.	1963	Kutcher, Raymond William Harold, B.E.	1951
†Knapman, Jeffrey Warren, B.Sc.	1963	Kuusk, Eda Renaate, M.B., B.S.	1958
Knapman, William Hamilton, B.Sc.	1951	Kwok, Hae Leong, M.E. (B.E., 1957)	1962
Knarhol, Harry Hansen, M.B., B.S.	1956	Kwong, Sea Yoong, B.D.S.	1955
Knauehase, Juliet Mary Lillemor, B.A.	1960	Kyd, Isabel Somerville, B.A.	1937
Knauehase (nee Kiek), Margaret Lucy, B.A.	1934	Kyd, Margaret Florence, B.A.	1941

† Not yet Members of the Senate.

L	
Lacey, John Salisbury, B.E.	1946
Ladd, Jeffrey Norman, M.Sc. (B.Sc., 1952)	1955
Lade, Kathleen Beatrice, B.A.	1930
Lade, Norman Edgar, M.A. (Melbourne, 1926)	1937
Laffan, Anna Estelle, B.A.	1922
Laffer, Leonard Hughes, B.Ag.Sc.	1934
La Ganza, Richard Francis, M.Sc. (B.S., Yale, 1957)	1960
Lagzdins, Lisa, B.A.	1957
Lai, Mun Seng, M.B., B.S.	1956
Laidlaw, Donald Hope, LL.B.	1949
Laidlaw, William Clarke, B.A.	1938
Lake, Blair Hingston, B.D.S.	1950
Lake, Robb Hingston, LL.B.	1939
†Lam, Bin Khong, B.Tech.	1963
Lam, Lambert Teck Choon, M.B., B.S.	1955
Lam, Yu Sween, B.Sc.	1960
Lamacraft, Kenneth Ronald, B.A.	1954
Lamborne, Maxwell Addison, B.A.	1953
Lamey, Charles Sydney, B.A.	1932
Lamey, Gwenyth Eugene, B.A.	1940
Lampard, Dudley John, M.B., B.S.	1941
Lampe, Victor Leslie, B.A.	1919
Lamphee, Allan Dunstan, M.B., B.S.	1924
Lamphee, Catherine Elspeth, B.Sc.	1953
Lamshed, Albert Saville, B.A.	1950
La Nauze, Barbara Burton, B.Sc.	1937
La Nauze, John Andrew, B.A. (Oxford, 1934)	1935
Lander, Harry, M.B., B.S.	1951
Lane, Barbara Edith, B.Sc.	1960
Lane, Douglas James, B.Sc.	1950
Lane, John Edgar, Ph.D. (B.Sc., 1959)	1963
†Lane, Lionel Harold Davies, M.B., B.S.	1961
Lang, Eric, M.E. (B.E., 1924)	1930
Lang, Graham Bruce, B.Sc.	1958
Lang, Ian Philip, B.Sc.	1951
Lang, Philip Roy, M.A. (B.A., 1923)	1929
Lang, Samuel Brambley, B.A.	1949
Lang, Sydney Chapman, B.A.	1896
†Langdon, Rodney John, B.Tech.	1963
Lange, Robert Terence, Ph.D. (W.A., 1961)	1963
Langevad, Eric James, B.E.	1933
Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942
†Langhans, Patricia Jean, B.A.	1962
Langrehr, John Scott, B.Sc.	1960
Langridge, John Balcombe, Ph.D.	1956
Langron, William Joseph, B.Sc.	1947
Langsford, Diana, B.A.	1948
Langstaff, Lois, B.A.	1944
Lanyon, Richard Ian, B.E.	1958
Lapidge, Jack Stanley, B.E.	1935
†Lapsys, Antanas Tomas, B.Arch.	1963
Laslett, George Nield, B.A.	1951
Laslett, Ian John, B.Sc.	1950
Laslett, Robert Lacy, B.Sc.	1960
†Lasn, Kalle, B.Sc.	1962
Last, John Murray, M.B., B.S.	1949
Last, Peter Murray, M.B., B.S.	1952
Last, Raymond Jack, M.B., B.S.	1924
Latz, Clement Victor, B.Sc.	1955
Laubsch, Colin Andrew, B.Sc.	1951
Laught, Keith Alexander, LL.B.	1927
Laughton, Frances Elizabeth, B.A.	1941
Laughton, Rosemary Pauline, B.A.	1945
Laurence, Gerald Steven, Ph.D. (Leeds, 1961)	1962
Laurence, Joan Mary, B.A.	1935
Laurie, John Buxton, B.E.	1955
Laver, John Poynton, B.E.	1952
Lavery, Christopher Soward, B.E.	1960
Lavis, David Milton, B.Sc.	1949
Lavis, John Frederic, M.D.S. (B.D.S., 1945)	1954
Law, Gertrude Teresa, M.A.	1924
Lawrance, Robert, M.Sc.	1958
Lawrence, Alfred Oscar Platt, B.Sc.	1928
Lawrence, Bruce Ernest, M.B., B.S.	1927
Lawrence, James Roland, M.B., B.S.	1954
Lawrence, John Robert, B.E.	1957
Lawrence, Margaret Evelyn, B.A.	1959
Lawrence, Robert John, B.A.	1953
Lawrie, David Charles, B.Sc.	1954
Lawrie, John Desmond, B.E.	1954
†Lawry, John Robins, B.A.	1961
Lawry, Peter Sheldon, B.Sc.	1960
Lawry, Reginald Arthur, B.A.	1943
Laws, Keith William, B.D.S. (Sydney, 1924)	1925
Lawson, Beverley Joy, B.Sc.	1959
Lawson, Frederick Henry, B.Sc.	1935
Lawson, Margaret Elaine, M.B., B.S.	1955
Lawson, William Scott, M.B., B.S.	1954
†Lawton, Anthony Dean, B.E.	1962
Lawton, Graham Henry, M.A. (Oxford)	1952
†Lawton, John William Magarey, M.B., B.S.	1963
Lawton, Peter Alan, B.Sc.	1950
Lawton, Ralph Stanley, B.A.	1953
Laycock, Frederick John, M.B., B.S.	1941
Laycock, Geoffrey Clifton, B.A.	1952
Laycock, Margaret, B.A.	1954
†Lea, Anthony Ramon Marc, B.A.	1961
Lea, David Alexander Maclure, B.A.	1958
Lea, John Francis Maclure, B.E.	1957
Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924
Leach, John Brian, B.D.S.	1947
Leach, Raymond Basil, B.D.S.	1950
Leach, Robert William, B.A.	1950
Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953
Leach, William Valentine, M.A. (B.A., 1922)	1923
Leader, Haynes, LL.B.	1926
†Leader, Wendy Marjorie, B.A.	1961
Leak, Brian Hedley, B.A.	1954
†Leak, Peter McKenzie, B.Sc.	1961
†Leane, Peter Alan, B.E.	1963
Leaney, Cecil John, M.B., B.S.	1952
Leaney, Peter Anthony, M.B., B.S.	1954
Leaney, Roy Kent, B.A.	1947
Leask, John Hunter, B.E.	1928
Leask, John James, B.E.	1960
Leaver, Edward, LL.B.	1928
Leaver, Kenneth Batten, B.A.	1942
Leaver, Sally Lucia Eulalie, B.Sc.	1956
Leckie, Alexander Joseph, Mus.Bac.	1913
LeCornu, Colin George, B.A.	1954
Ledger, Gladys May, B.A.	1912
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906
Leditschke, Friedrich Berthold, M.B., B.S.	1924
Leditschke, John Frederick, M.B., B.S.	1957
Leditschke, Kathleen Dora, B.Sc.	1956
Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955
†Leditschke, Ralph Colin, B.Tech.	1963
†Ledo, John David, B.E.	1961
Lee, Chin Tiong, M.B., B.S.	1957
†Lee, Christopher Robert, LL.B.	1961
Lee, Chye Chow, M.B., B.S.	1955
†Lee, David Harry, B.Sc.	1961
Lee, Frank Milton, B.A.	1939
Lee, Heather Vivian, B.A.	1947
Lee, Hector John, M.Sc. (B.Sc., 1932)	1949
Lee, Kee Ching, B.E.	1958
Lee, Kevin John, B.E.	1954
Lee, Kwok Ching, M.B., B.S.	1955
Lee, Kwok Poh, B.D.S.	1956
Lee, Lance Maurice, LL.B.	1956
Lee, Raymond Wilson, B.E.	1954
Lee, Ronald Milton, B.Tech.	1959
†Lee, Sam Kong, B.E.	1961
†Lee, Sheong-O, B.Tech.	1962
†Lee, Tian Chew, B.Tech.	1962
†Lee, Yee Cheong, B.E.	1961
†Leepere, Rain, B.Sc.	1963
Legoe, Christopher John, M.A. (Cambridge, 1954)	1961
Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926
Leifer, Michael, Ph.D. (London, 1959)	1960
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947
Leitch, Raymond John, M.B., B.S.	1956
Lekias, Michael Simon, M.B., B.S.	1955
LeLacheur, Hellier, B.A.	1915
LeMaistre, Ray Manger, B.A.	1939
Lemcke, Vincent Andrew Howard, B.A.	1940
LeMessurier, David Hugh, B.Sc.	1932
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920
LeMessurier, Patricia Anne, B.A.	1959
LeMessurier, Robert Ernest, B.E.	1949
Lemmey, Ford Prall, B.A.	1951
Lemon, Arnold William, LL.B.	1936

† Not yet Members of the Senate.

Lendon, Alan Harding, M.B., B.S.	1927	Lillie, Susan Jane, B.Sc.	1962
Lendon, Elspeth Lockett, B.A.	1950	Lillywhite, Cuthbert, B.Sc.	1939
Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922	Lillywhite, John Wilson, B.Sc.	1936
Lennon, Vincent Francis Bennett, M.B., B.S.	1930	Lillywhite, Myra Jean, B.A.	1960
Leonard, Ian Ferguson, M.B., B.S.	1959	†Lim, Cheng Sang, B.Sc.	1963
†Leong, Kong Mun, B.E.	1962	Lim, Khaik Leang, B.Sc.	1959
Leong, Luen Kit, B.E.	1960	Lim, Kwang Hua, B.E.	1957
LePage, Keith Ernest, M.B., B.S.	1952	Lim, Leong Geok, B.E.	1959
LePage, Patricia Nadeane, B.A.	1956	†Lim, Thian En, B.E.	1963
LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960	Lim, Yong Peng, B.Ag.Sc.	1957
Leske, Clive William, B.E.	1950	Limmer, Allan Noel, M.B., B.S.	1959
Leske, David, M.B., B.S.	1954	†Lindner, John Alan, B.Sc.	1963
Leske, Elmore, B.A.	1947	Lindon, John Leonard Henry, M.B., B.S.	1952
Leske, Kenneth Berthold, B.Ag.Sc.	1948	Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923
Leslie (nee Sharman), Florence Mary, M.A.	1919	Lindon, Marten Edward, M.B., B.S.	1953
Leslie, Jean, M.A. (B.A., 1920)	1932	†Lindsay, Jennette, LL.B.	1963
Leslie, Peter William, M.B., B.S.	1943	Lindsay, Keith Malcolm, B.A.	1939
Leslie, Robert Bradshaw, B.Sc.	1952	Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950
†Leslie, Warren Canmore, B.Sc.	1962	M.B., B.S.	1957
Lesnikowski, Zdzislaw, B.Ec.	1960	†Lines, David Robin, M.B., B.S.	1961
Le Souef, John Dudley, M.B., B.S.	1948	Lines, Dean Franc, B.Sc.	1944
Letcher, Herbert George, M.B., B.S.	1927	Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933
Levitt, Solomon, M.B., B.S.	1950	Lines, George Edward, B.Ag.Sc.	1951
Levy, Judith Anne Winstanley, M.Sc. (B.Sc., 1956)	1963	Lines, Helen Nora, B.A.	1952
Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952	Ling, John Kynaston, M.Sc. (B.Sc., 1954)	1956
Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926	Ling, Robert Donald Hill, B.E.	1957
Lewcock, Harry Kingsley, B.Sc.	1923	†Ling, Sieng Hui, Charles, M.B., B.S.	1963
Lewis, Arthur Sangster, B.E.	1930	Linke, Ambrose Neil, B.A.	1960
Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931	†Linke, Hayden Neville, B.Sc.	1963
Lewis, Basil Reece, B.Sc.	1944	Linke, John William, B.Sc.	1953
†Lewis, Brian Malcolm, B.Tech.	1962	†Linke, Roslyn Kaye, B.A.	1963
Lewis, Colin Hamilton, B.D.S.	1943	Linklater, Peter Munro, B.Ag.Sc.	1953
Lewis, David Alfred, B.Sc.	1943	Linklater, Rodney Munro, B.E.	1953
†Lewis, David Grant, LL.B.	1963	Linn, Beryl Eileen, LL.B.	1933
Lewis, David Gray, M.Sc. (B.Sc., 1949)	1957	Linn, Helen Kathleen, B.Sc.	1950
Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908	Linn, Howard Wadmore, M.D. (M.B., B.S., 1944)	1954
†Lewis, Frederick Moore, B.A.	1961	Linn, John Graham, M.B., B.S.	1950
Lewis, Glen Arthur, B.E.	1949	Linn, John Malcolm, M.B., B.S.	1953
Lewis, Gordon John, B.E.	1951	Linn, Leslie Wadmore, M.B., B.S.	1918
Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955	Lipert, John Raymond, M.B., B.S.	1959
Lewis, Irene Gwendoline, B.Sc.	1907	Lipman, Rex John, B.D.S.	1951
Lewis, John Aylward, M.B., B.S.	1944	Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942
Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935	D.Sc.	1950
Lewis, Keith Gray, B.Sc.	1940	Lippett, Richard, M.B., B.S.	1957
Lewis, Keith William, B.E.	1952	Lister, James Dick, M.B., B.S.	1954
Lewis, Kevin Joseph, B.D.S.	1933	Liston, Mary Howard, B.A.	1950
Lewis, Leonard Arthur, B.Sc.	1940	Litchfield, Kenneth Lyle, LL.B.	1935
Lewis, Mary, B.A.	1949	Lithgow, John Neville, B.Ec.	1958
Lewis, Norman Benjamin, B.Sc.	1947	Little, John Anthony, B.E.	1957
Lewis, Peter Alexander, B.E.	1957	Liu, Hun-An, B.E.	1957
Lewis, Raymond Douglas, B.Sc.	1939	Liu, Lillian Ling, B.Sc.	1957
Lewis, Reginald William Frederick, B.E.	1925	Liu, Owen, B.E.	1954
Lewis, Richard Owen, B.A.	1951	Livingstone, Rodney Simon, B.A. (Cambridge, 1956)	1960
Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947	Llewellyn, Joan Margaret, M.Sc. (B.Sc., 1945)	1951
Lewis, Roy Newman, B.Sc.	1952	†Lloyd, Alan Russell, B.Sc.	1962
†Lewis, Stella Constantine, M.B., B.S.	1945	Lloyd, Denys Morrison, LL.B.	1938
Lewis, Stuart Hayes, M.B., B.S.	1962	Lloyd, Edward John, B.Sc.	1959
†Lewis, Trevor Frank, B.Tech.	1962	Lloyd, Elizabeth Ann, B.A.	1960
†Leydon, Robert John, B.Sc.	1961	Lloyd, Hugh Arthur, M.B., B.S.	1940
Leyland, Geoffrey Agar, M.B., B.S.	1944	Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1902
†Lian, Fook Nyeam, M.B., B.S.	1961	Lloyd, Joycelyn Marie, B.A.	1959
Liddy, Desmond Terence, B.Sc.	1950	†Lloyd, Judith Anne, B.Sc.	1961
Liddy, John Francis, B.E.	1952	Lloyd, Thomas Rex Viner, B.E.	1932
†Lidums, Aivars, B.Tech.	1963	Loan, Edward Charles, B.A.	1903
Liebich, Alvin Frederick, B.E.	1940	Lobascher, David John, M.B., B.S.	1955
Lieschke, Alistair Headley, B.Sc.	1959	†Lochert, Paul Bertram, B.Sc.	1963
†Liew, Tack Ming, B.D.S.	1961	†Lochert, Roslyn Marie, M.B., B.S.	1962
†Liew, Tack Wan, B.A.	1961	Lock, Dorothy Marie Jeanne, B.A.	1954
Ligertwood, Sir George Coutts, B.A. LL.B.	1908	Lock, Maurice Joseph Bayard, B.Sc.	1945
Ligertwood, James Arthur, B.E.	1910	†Lockwood, Keith Linwood, B.Sc.	1963
Ligertwood, Neil Coutts, LL.B.	1948	Lockyer, Kathleen Elaine, B.A.	1953
Ligeti, Piroška Magdolna, M.B., B.S.	1954	Lodge, John Kenneth Hyde, B.Ec.	1957
†Lightburn, Kenneth Dale, B.E.	1963	†Loechel, Beverley Claire, B.Sc.	1963
Lilburn, William Embleton, B.E.	1954	†Loffler, Donald Arthur, B.A.	1961
Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949	Logan, Ernest Albert William, B.A.	1937
Liljegren, David Roland, Ph.D. (B.Sc., 1959)	1963	Lohmeyer, Rex Howard, B.E.	1953
Lill, John Charles, Ph.D. (B.E., 1955)	1962	Lohmeyer, Vivian Keith, B.Ag.Sc.	1950
Lillecrapp, Douglas Arthur Julian, B.A.	1949	Lokan, Frances Anne, B.A.	1959
		Lokan, Keith Henry, B.Sc.	1954
		Loke, Wye Tuck, M.B., B.S.	1960
		London, Jack Warfield, B.E.	1951

† Not yet Members of the Senate.

Long, Eileen Edith, B.A.	1939
Longbottom, David Cox, B.E.	1938
Longbottom, Graeme John, B.E.	1960
† Longbottom, Maxwell Ernest, B.A.	1962
Looke, Ene, B.Sc.	1960
Looker, Arthur Jacob Henry, B.E.	1957
Lorbeer, Hans Joseph, M.B., B.S.	1958
Lorbeer, Siegfried Heinrich, M.B., B.S.	1960
Lord, Eric Ross, B.A.	1948
† Lord, John Russell, B.Sc.	1961
Lord, Peter, B.E.	1958
Lore, John, M.B., B.S.	1957
† Lorenz, Ross, B.E.	1963
Lorking, Diana Pauline Elizabeth, B.A.	1952
Loutit, John Stuart, Ph.D. (B.Sc., 1945)	1955
Loutit (nee Jeffery), Margaret Wyn, M.Sc. (B.Sc., 1950)	1954
Love, Clement Vernon, M.B., B.S.	1947
Love, John Alexander, M.B., B.S.	1915
Love, John Holinger, B.A.	1951
Loveday, John, M.Ag.Sc. (B.Ag.Sc., 1951)	1956
Loveday, Penelope, B.A.	1951
Lovell, Keith Everett, M.B., B.S.	1949
Lovett, Neil Doble, B.A.	1960
Lovett, William James, M.Ag.Sc. (B.Sc.Agr. (Queensland), 1948)	1960
Lovibond, Sydney Harold, Ph.D. (M.A., 1958; B.A. (Melbourne, 1954)	1962
Lovick, Lillian Sheelagh, LL.B.	1939
† Low, Ann Margaret, B.A.	1963
Low, Beng See, Ph.D. (B.Sc., 1958)	1963
† Low, Kong Hoon, B.Sc.	1961
Low, Peter Ashton, B.Sc.	1959
Lowe, Sir Charles John, M.A. (Melbourne)	1955
Lowe, Daphne Rae, M.B., B.S.	1951
Lowe, Gillian Elizabeth, B.A.	1956
Lowe, John Charles, B.Sc.	1951
† Lowe, William Hector, B.E.	1961
† Lower, Harold George, B.Sc.	1963
Lower, Harold Stewart Farnham, M.Sc.	1954
Lower, Mark Anthony, LL.B.	1948
Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949
Lower, Oswald Bertram, M.B., B.S.	1939
Lowke, John James, Ph.D. (B.Sc., 1955)	1963
† Lowrie, Neil William, LL.B.	1963
Lubich, Joseph Maurice, M.B., B.S.	1954
Lucas, Diana Mary, B.A.	1960
Lucas, Max, LL.B.	1958
† Lucas, Paul Norton, B.App.Sc.	1963
Lucas, Ralph Mervyn, B.Ec.	1956
Luck, Janice, B.A.	1958
† Lucke, Horst Klaus, LL.B.	1961
Ludbrook, Wallis Verco, B.Sc.	1928
Ludford, Colin George, B.Sc.	1948
Ludlow, John, M.B., B.S.	1960
† Lugg, Desmond James, M.B., B.S.	1962
Lugs, Margaret Edith, B.A.	1949
Luke, David Alan Thomas, B.Ec.	1960
† Luke, Eleanor Ann, B.A.	1961
† Luke, James Ian, B.D.S.	1963
Luke, Murdoch Stewart, B.A.	1958
Luke, Thomas Glen, B.Sc.	1925
Lum, Allan Douglas, B.Sc.	1956
Lum, Laurence Claude, M.B., B.S.	1939
Lunn, Michael Arthur Richard, B.A. (Sydney, 1960)	1963
Lungley, Sheila Amelia Gordon, M.B., B.S.	1950
Lunn, Margaret Anne, LL.B.	1931
Lush, Anita Rose, B.A.	1959
Lushey, Frederick Mayne, B.Ec. B.A.	1942
Lushey (nee Wilks), Vida Alice, B.A.	1951
† Lushmore, Robert John, B.Ag.Sc.	1962
Luxton, Clarence Richard Paul, B.E.	1950
Luxton, Russell Estcourt, B.E.	1956
Lyall, Allen Raymond, M.B., B.S.	1954
Lydall, Harold French, M.A. (Oxford, 1936)	1963
Lykke, Athol William John, M.B., B.S.	1956
Lynch, John Henry, B.A.	1947
Lynch, Kevin Patrick, LL.B.	1959
Lynch, Martin Alfred, M.B., B.S.	1954
Lynn, Kenneth Roy, B.Sc.	1949
Lyon, Hugh Pearson Dunlop, LL.B.	1925
Lyon, John Forbes, B.Sc.	1959
Lyon, Malcolm Elliott, B.A.	1954
Lyons, Henry Emerson Wescombe, M.B., B.S.	1940
Lyons, Ruth, M.B., B.S.	1942

* Deceased.

M

† McAnaney, Janet, B.Sc.	1962
McAnaney, Rita Margaret, M.B., B.S.	1926
† Macaranas, Esperanza M., B.E.	1963
McAree, Francis Edward, M.B., B.S.	1906
McAree, John Victor, M.B., B.S.	1905
McArthur, Archibald John, B.E.	1949
† McArthur, Donald Glen, B.A.	1963
McArthur, Malcolm Lawrence, B.A.	1955
McAskill, Ronald Fergus, B.E.	1939
Macaulay, Robert Wilson, B.A.	1903
McAuley, John Patrick, B.Ec.	1949
McAuley, Maxwell George, B.E.	1955
McAuliffe, David Jeremiah, M.B., B.S.	1954
McAuliffe, Rodney Francis, M.B., B.S.	1956
† McBain, Neil Alan, B.Tech.	1962
Macbeth, Anna Maureen, B.Sc.	1943
Macbeth, Patricia Maeve, B.Sc.	1944
Macbeth, William Andrew Alexander Greer, M.B., B.S.	1953
McBriar, Elizabeth Maud, M.Sc.	1963
McBride, Dorothy Evelyn, Mus.Bac.	1915
McBride, Glenorchy, B.Ag.Sc.	1951
McBride, Mavis Anne, B.A.	1950
McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1949
McBride, William John, B.Sc.	1898
McBryde, Frederick Balfour, LL.B.	1912
B.A.	1920
McBryde, Ian Balfour, B.E.	1950
McCall, Michael George, M.B., B.S.	1957
McCallum, Maurice Daniel, M.B., B.S.	1950
McCann, John Conleth, B.A.	1941
McCann, Ralph Newton, M.B., B.S.	1946
McCann, William James, M.B., B.S.	1946
McCarthy, Brian Stephen, M.B., B.S.	1948
McCarthy, Brian William, B.E.	1959
McCarthy, Bernard, B.A.	1926
McCarthy, Doreen Franklin, B.A.	1931
B.Sc.	1940
McCarthy, Ian Ellery, Ph.D. (B.Sc., 1952)	1956
McCarthy, Ian John, M.Sc. (B.Sc., 1951)	1954
McCarthy, Kenneth Ramsay, LL.B.	1957
McCarthy, Peter Paul, LL.B.	1924
B.A.	1923
McCartney, James Elvins, M.D. (Edinburgh, 1922)	1953
McCloughry, Claude Lancelot, B.E.	1926
McCannon, James, B.A.	1925
McCormack, Donald Douglas, M.B., B.S.	1951
McCormick, Charles William Diehl, B.E.	1953
McCoy, Donald George, B.Sc.	1960
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928
McCoy, William Taylor, M.B., B.S.	1956
† McCulloch, Ailsa, B.A.	1962
McCulloch, Deborah Jane, B.A.	1960
† McCulloch, Karla Elizabeth, B.A.	1963
McCullough, Amy Margaret, B.A.	1942
McCurdy, Brian, B.A.	1960
† McDermaid, Neil Harvey, B.A.	1962
McDonald, Bruce Alexander, B.D.S.	1951
McDonald, Colin Robert, B.Sc.	1949
McDonald, Donald Charles, B.Tech.	1960
McDonald, Donald Stuart, B.A.	1937
† McDonald, Frances Mary, B.Sc.	1961
* McDonald, Gilbert Sherman, B.A.	1930
McDonald, Heather Hunter, B.Sc.	1949
McDonald, Hugh Thomas, M.B., B.S.	1953
McDonald, John Anthony, B.Sc.	1960
McDonald, John Gregory, M.B., B.S.	1956
McDonald, John Hunter, B.A.	1934
McDonald, Kenneth Duncan, B.Sc.	1951
† Macdonald, Malcolm Ross, B.D.S.	1963
McDonald, Margaret Doreen, B.Sc.	1959
Macdonald, Keith Alexander, LL.B.	1932
McDonald, Percy William, B.A.	1932
McDonald, Peter Baker, B.A.	1950
McDonald, Peter de Paul, B.D.S.	1953
McDonald, Ross, LL.B.	1913
McDonnell, Desmond Leo, M.B., B.S.	1958
McDonnell, Eileen Mary, B.A.	1929
McDonnell, Ellen Mary, B.A.	1943
McDougall, Elisabeth, B.A.	1942
McDougall, John, B.E.	1943
McDowall, Barry Patrick, B.Sc.	1954
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948

† Not yet Members of the Senate.

McEachern, Morven, B.D.S.	1927	McKinnon, Donald Campbell, M.B., B.S.	1957
McEvoy, Aloysius John, B.A.	1937	McKinnon, George Clarence, B.Sc.	1933
McEvoy, Frances, B.Sc.	1952	McKinnon, Heather Campbell, B.A.	1952
McEwan, Lena Elizabeth, M.B., B.S.	1949	McKinnon, John Desmond, B.D.S.	1951
†McEwen, William Alan, M.B., B.S.	1963	McKinnon, Robert Campbell, B.A.	1934
McEwin, Adrian Gardner, B.Sc.	1958	McKinnon, Robert Keith, B.E.	1950
McEwin (nee Marshall), Betty Waddell, B.Sc.	1943	McKinnon, Ross Charles, M.B., B.S.	1952
McEwin, John Neil, LL.B.	1928	†McKittrick, Coral Yvonne, B.A.	1961
McEwin, Keith, M.B., B.S.	1912	†McKittrick, Ronald Brian, B.E.	1963
McEwin, Roderick Gardner, M.B., B.S.	1944	Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	1927
McFarlane, Alan, B.E.	1953	Macklin, Laura Muriel Caterer, B.A.	1934
McFarlane, Eileen Dorothea, B.A.	1943	Macklin, William Charles, M.Sc. (B.Sc., 1952)	1956
McFarlane, John Preiss, LL.B.	1936	McLachlan, Margaret Elizabeth, LL.B.	1959
McFarlane, Trevor Hector, LL.B.	1937	†McLarty, Gwendoline, M.B., B.S.	1961
McFarlane, William Hector, B.Ag.Sc.	1942	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	1947
McGee, Colin Raymond, M.Sc. (B.Sc., 1953)	1963	†McLarty, William, M.B., B.S.	1961
McGee, John, LL.B.	1922	McLaughlin, Eric Enstone, LL.B.	1935
McGee, Skaidrite, B.A.	1959	*McLaughlin, Eugene, M.B., B.S.	1922
Macghey, Mary Veta, M.A. (B.A., 1919)	1930	McLaughlin, Ian Leonard, B.Sc.	1960
McGill, Ian Keith, M.A. (B.A., 1956)	1958	McLaughlin, Moira Clare, B.Sc.	1957
McClashan, John Eric, M.B., B.S.	1909	McLay, Andrew Harold, B.A.	1953
McClashan, John Gardner, M.B., B.S.	1942	McLean, Albert Eric, M.A. (B.A., 1928)	1931
McClashan (nee Gardner), Mary Beatrice, B.A.	1909	†McLean, Alexander John, B.E.	1961
McGlasson, William Barry, B.Ag.Sc.	1951	McLean, Dorothy Alice, B.A.	1927
McGlew, Phyllis Dorothy, M.B., B.S.	1918	McLean, Ian Weymouth, B.Sc.	1952
McGovern, Thomas Henry, LL.B.	1951	McLean, Lancelot Henry Archibald, B.E.	1960
†McGowan, Bruce William, B.Tech.	1962	McLean, Murray Colin, B.A.	1949
McGowan, George Murray, B.A.	1938	McLean, Reginald Alexander, B.A.	1932
McGowan, Norman Leslie, B.E.	1950	McLean, Sibeley Jean, M.Sc. (B.Sc., 1945)	1951
McGowan, Brian, Ph.D. (B.Sc., 1957)	1963	McLeay, Colin James, M.B., B.S.	1956
McGowan, Myrie Irene, B.A.	1954	McLeay, Donald Barton, M.B., B.S.	1947
McGrath, Ivan Stanley, B.D.S.	1946	McLeay, Helen Mary, B.A.	1950
McGrath, James Patrick, B.A.	1955	McLennan, Heather Margaret, B.Sc.	1958
McGrath, Kelvin Paul, B.Sc.	1950	MacLennan, James Sydney Kilcoy, LL.B.	1906
†McGrath, Paul Matthew, B.Tech.	1962	McLeod, Allan John, B.Sc.	1939
†McGregor, Alan Gordon, LL.B.	1962	McLeod, Douglas Burton, LL.B.	1952
†McGregor, Alasdair, LL.B.	1963	†McLeod, Janet Gertrude, B.A.	1963
McGregor, Gordon Thompson, B.A.	1950	McLeod, John Kenneth Allister, B.E.	1960
McGuire, Anthony, B.A.	1955	†McLeod, Peter John, B.Ec.	1963
Machell, John Edward Lewis, B.Sc.	1948	†McLoughlin, Carmel, B.A.	1962
Machin, George Herbert, B.E.	1934	McLoughlin, Vincent Patrick, B.A.	1949
Machlin, Simon, M.B., B.S.	1952	†McMahon, Francis, B.A.	1962
McHugh, Edward Charles, LL.B.	1948	McMahon, Francis Leslie, B.Ec.	1951
†McHugh, Graham Albert Charles, B.Sc.	1961	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
McInerney, Brian Thomas, B.Tech.	1959	McManus, John Bernard, B.Sc.	1954
McInerney, Thomas John, B.Sc.	1949	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
McInerney, Thomas Taylor, LL.B.	1939	McMichael, Kenneth Price, B.E.	1950
McInnes, Ian Donald, B.D.S.	1957	†McMillan, Barry Frederick, B.Ec.	1962
†McIntosh, Andrew Lochiel, B.E.	1962	McMillan, James William, M.B., B.S.	1952
McIntosh, Gerald Alexander, M.B., B.S.	1944	McMillan, Raymond, B.E.	1949
McIntosh, Howie James, B.E.	1927	McMillan, Stanley Lyall, B.Sc.	1949
†McIntosh, Neil Adair, M.B., B.S.	1963	B.A.	1959
MacIntosh, Ronald MacKenzie, M.B., B.S.	1941	McMutrie, Alan Ian, B.A.	1935
Mack, Douglas Urban Gilbert, B.A.	1940	McMutrie, Ian Hugh, B.Sc.	1958
McKail (nee Boyer), Gertrude Mary, B.A.	1912	McMutrie, Winifred Joan, B.A.	1935
Mackail, John William, LL.D. (Edinburgh)	1923	McNally, John Neilson, M.Sc. (B.Sc., 1953)	1963
Mackay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924	†McNally, Marie Carmel, B.A.	1961
†McKay, Brian John, B.E.	1961	McNamara, Agnes, B.A.	1937
McKay, Douglas Gordon, M.B., B.S.	1927	McNeil, Ian (formerly John), M.B., B.S.	1918
†McKay, Gordon Charles, M.B., B.S.	1961	McNeil, Philippa Florence, B.A.	1952
Mackay, Malcolm George, B.A.	1947	McNicol, David Williamson, B.A.	1937
McKay, Malcolm William, B.A.	1936	McNicol, John Howard, B.Sc.	1953
McKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	1938	†McNicol, Nicol Alexander, B.Ag.Sc.	1963
McKay, Maureen Gordon, B.Sc.	1949	McPharlin, Alison Tudor, B.A.	1952
McKay, Ronald George MacAlpine, M.B., B.S.	1941	McPharlin, Deane, B.Sc.	1945
Mackay, Samuel Angus, B.Sc.	1921	†McPharlin, Jeffrey, B.Tech.	1961
McKay, William Alfred, M.A.	1937	McPheat, Ian William, B.E.	1957
McKechnie, Alan Francis Clark, B.E.	1924	McPheat, Leslie John, B.E.	1957
McKechnie, Elizabeth Lawson, B.A.	1926	McPhee, Brian, B.Ec.	1959
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	Macphee, Wendy Jean, B.A.	1960
McKellar, John Ralph, B.Sc.	1956	McPherson, Alexander Owen, B.Sc. (M.A. (B.A., 1931))	1926
McKelvie, Donald, B.Sc.	1953	†McPherson, John Ian, B.Tech.	1962
McKenna, Donald George, M.B., B.S.	1949	McPherson, Margaret Helen, B.A.	1951
McKenna, Keith Patrick, M.B., B.S.	1953	McPherson, Mary, B.A.	1947
McKenzie, Donald Keith, M.B., B.S.	1927	Macpherson, Reginald Murray, B.A.	1947
McKenzie, Jean, B.Sc.	1954	†McPherson, Robert Keith, B.Arch.	1963
†McKenzie, John, LL.B.	1961	Macpherson, Shirley Helen, B.A.	1945
McKenzie, Mary, M.B., B.S.	1946	McPhie, Jean Elsbeth, B.Sc.	1945
McKenzie, Reginald Murray, B.Tech.	1958	McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957
McKie, David Graham, B.A.	1958	McQuade, Joseph Aloysius, M.B., B.S.	1956
Mackie, Dean Graham, M.B., B.S.	1953	McQueen, George Hugh, M.B., B.S. (Melbourne)	1947
McKie, Duncan, Mus.Bac.	1938	†McRae, Colin James, B.Tech.	1962
Mackie, James Joseph, B.E.	1953		

* Deceased.

† Not yet Members of the Senate.

†McRae, Terence Michael, LL.B. - - - -	1962	Manning, Kathleen Anne, M.B., B.S. - - -	1958
McRobert, Helen Angus, M.B., B.S. - -	1949	Manoel, Eva Mary, B.A. - - - - -	1938
MacSkimming, Walt Ronald Auscot, B.A. -	1950	†Manos, Nick Stan, LL.B. - - - - -	1962
†McWaters, Ian Donald, B.Sc. - - - - -	1963	Mansbridge, Harold Edgar, M.Sc. (B.Sc.,	
McWhae, Douglas Hope, M.B., B.S. - - -	1945	1949) - - - - -	1960
Maddeford, Sheila Lamont, LL.B. - - -	1927	†Manser, William Lloyd, B.A. - - - - -	1962
Maddern, Cecil Pomeroy, B.D.S. - - -	1951	Mansfield, Eric William, B.E. - - - - -	1950
Maddern, John Pearce, M.B., B.S. - - -	1948	†Mansfield, Joseph John, M.B., B.S. - - -	1962
*Maddern, Martin Randall Foss, B.A. - - -	1937	Mansfield, William Walladge, B.Sc. - - -	1943
Maddern, Max Wilfred, B.Sc. - - - - -	1953	Manson, James Ian, M.B., B.S. - - - - -	1958
M.B., B.S. - - - - -	1960	Manson, Jillian Mary, B.A. - - - - -	1960
†Mader, Merryl Kay, B.Sc. - - - - -	1963	Manthorpe, Thomas Dion, M.B., B.S. - - -	1951
Madge, Paul Edward, Ph.D. (M.Ag.Sc.,		Manuel, Deane James Hubert, B.Ec. - - -	1950
1953) - - - - -	1956	B.A. - - - - -	1959
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	Manuel, James Douglas, B.A. - - - - -	1944
Madigan, David Cecil, B.Sc. - - - - -	1937	Manuel, Josephine Gertrude Kamala, M.B.,	
†Madigan, Dorothy Honora, B.A. - - - - -	1962	B.S. - - - - -	1960
Madigan, James Francis, B.E. - - - - -	1952	†March, Neil Carter, B.Tech. - - - - -	1962
Madigan, Michael Roebourne, M.B., B.S. -	1952	Marcus, Eva Bessie, Mus.Bac. - - - - -	1960
B.Sc. - - - - -	1953	B.A. - - - - -	1961
Madigan, Paul Edward, LL.B. - - - - -	1922	Marcus, Irving, M.B., B.S. - - - - -	1951
Madigan, Russel Tullie, M.E. - - - - -	1957	Mares, Francis Hugh, B.A. (B.Litt., Oxford,	
LL.B. - - - - -	1960	1954) - - - - -	1958
Madison, Thomas Glover, M.B., B.S. - - -	1946	Marinkovich, Nevin John, M.B., B.S. - - -	1958
Madsen, Sir John Percival Vissing, B.Sc.		Marinos, Nicos George, Ph.D. - - - - -	1958
(Sydney, 1900) - - - - -	1901	†Marinov, Nevena, B.D.S. - - - - -	1962
D.Sc. - - - - -	1907	Marker, William Hernan, B.E. - - - - -	1949
Maegraith, Brian Gilmore, M.B., B.S. - -	1930	Markey, Gregory Barton, M.B., B.S. - - -	1953
Maelzer, Derek Alan, Ph.D. - - - - -	1958	Markham, Neville Lawrence, B.Sc. - - -	1952
Maerschel, Barbara, B.A. - - - - -	1951	†Marks, Donald Adrian, B.Ec. - - - - -	1962
Magarey, Alexander Roy, M.B., B.S. - - -	1941	Marks, Bernadette Joan, B.Sc. - - - - -	1960
Magarey, Ashley Henderson, LL.B. - - -	1938	Marks, Monica Mary, B.A. - - - - -	1956
M.B., B.S. - - - - -	1940	Marlow, Alfred Dudley Roy, B.Sc. - - -	1938
Magarey, Brian Attwill, LL.B. - - - - -	1948	Marmion, Robert James, B.Sc. - - - - -	1918
Magarey, Frank Rees, M.D. (M.B., B.S.,		†Marrett, Robin Allan, B.E. - - - - -	1963
1935) - - - - -	1941	Marriner, Frank Wilfred, B.Sc. - - - - -	1949
Magarey, Ivan Sandilands, M.D. (M.B., B.S.,		Marriott, John Edward, B.D.S. - - - - -	1951
1927) - - - - -	1939	Marriott, Valmai Dawn, B.A. - - - - -	1959
Magarey, James Rupert, M.S. (M.B., B.S.,		Marsh, Charles William, B.E. - - - - -	1950
1938) - - - - -	1951	Marsh, John Albert, B.Sc. - - - - -	1952
Magarey, Katherine Ashley, B.Sc. - - - -	1949	Marsh, Judith Irene, B.Sc. - - - - -	1958
Magarey, Kathleen de Brett, B.A. - - - -	1921	Marshall, Allan George, B.Tech. - - - - -	1959
B.Sc. - - - - -	1932	Marshall, Annie, M.Sc. (Melbourne, 1930) -	1954
Magarey, Kevin Barry, B.A. - - - - -	1950	Marshall, Herbert Edmund, B.A. - - - - -	1940
Magarey, Paul Robertson, B.E. - - - - -	1952	Marshall, Lyle Gordon, B.E. - - - - -	1956
Magarey, Robert Richmond, M.B., B.S. - -	1951	Marshall, Janette Ruth Watson, M.B., B.S. -	1953
Magarey, Rupert Eric, M.B., B.S. - - - -	1904	†Marshall, Jennifer Ann, B.Sc. - - - - -	1963
†Magasdi, Creston Ivan, M.B., B.S. - - - -	1962	†Marshall, John, LL.B. - - - - -	1962
Magor, Clifford James, M.A. (B.A., 1927) -	1932	†Marshall, Nicholas James, B.Sc. - - - - -	1961
Magor, Irvine Frank, B.A. - - - - -	1938	Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.)	
Magor, Margaret Elizabeth, B.A. - - - -	1955	Western Australia, 1929) - - - - -	1933
†Magor, William Alwyn Roy, B.A. - - - -	1963	M.Ag.Sc. - - - - -	1933
Maguire, John Charles, B.A. - - - - -	1941	Marshman, Ashley Mead, B.A. - - - - -	1936
Maguire, Maurice Glen, M.B., B.S. - - -	1953	Marshman, Wesley Melvyn Tiller, B.D.S. - -	1924
Maher, John George, LL.B. - - - - -	1958	Marston, Colin Frederick, B.E. - - - - -	1951
Maiden, Leslie Carrington, B.D.S. - - -	1924	Marston, Hedley Ralph, D.Sc. (Australian	
†Maidment, Sydney Gordon, LL.B. - - - -	1962	National University, 1957) - - - - -	1959
Main, Arthur Charles, B.E. - - - - -	1926	Marten, Robert Humphrey, jun., B.A. (Cam-	
Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959	bridge, 1912) - - - - -	1913
†Maitland, Ian Boyd Gibb, B.E. - - - - -	1963	Martin, Alfred Irwin, B.E. - - - - -	1928
Maitland, James Angus, LL.B. - - - - -	1932	Martin, Alfred William, B.A. - - - - -	1950
†Major, David John, B.Tech. - - - - -	1963	Martin, Analia Anna, B.A. - - - - -	1930
†Major, John Thornton, B.Tech. - - - - -	1962	Martin, Arthur Bruce, M.B., B.S. - - - - -	1956
Mak, Kai Tye, B.E. - - - - -	1957	†Martin Barry Wayne, B.Tech. - - - - -	1961
*Makin, Frank Humphrey, M.B. (Melbourne,		Martin, Bernice Wilma, B.A. - - - - -	1945
1901) - - - - -	1906	Martin, Beryl Claire, B.A. - - - - -	1952
Mallan, James Michael, B.D.S. - - - - -	1927	Martin, Bruce Bamford, B.Sc. - - - - -	1957
Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958	M.B., B.S. - - - - -	1963
Mallen, Leonard Ross, M.B., B.S. - - - -	1925	Martin, Bruce Peter, B.E. - - - - -	1954
Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943	Martin, Charles Burton, B.A. (Boston, 1948)	1954
Malone, Bruce Edward Frederick, B.Tech. -	1959	Martin, Sir Charles James, D.Sc. (London,	
Maloney, Joan, B.A. - - - - -	1951	1896) - - - - -	1931
†Maloney, Margaret Joan, B.Sc. - - - - -	1962	Martin, David Elwes, B.E. - - - - -	1947
Maloney, Martin James, B.E. - - - - -	1928	Martin, David Montgomerie, B.Sc. (Eng.) - -	1945
Maloney, Vernon Thomas Steven, B.Sc. - -	1929	†Martin, David Keith, B.Sc. - - - - -	1962
†Manap, Abdul bin Ahmad, B.Sc. - - - - -	1963	Martin, Donald Leslie, B.E. - - - - -	1956
Mander, Linden Alfred, M.A. (B.A., 1917)	1920	Martin, Frederick Clarence, M.A. (B.A.,	
Mander, Suzanne Flora, B.Sc. - - - - -	1949	1927) - - - - -	1932
Manea, Ernest Cosmo, M.B., B.S. - - - -	1949	†Martin, Graeme Lewis, B.E. - - - - -	1963
Manea, Spero, M.B., B.S. - - - - -	1952	Martin Helene Alice, M.Sc. (B.Sc., 1954) -	1961
Manassis, Peter Christopher, M.B., B.S. -	1952	Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952
Mangan, John Arthur, LL.B. - - - - -	1957	†Martin, Ian Scott, B.Ec. - - - - -	1962
†Manhood, Cleve Charles, B.A. - - - - -	1962	Martin, John Claude, LL.B. - - - - -	1905
Mann, Airdrie Jean, B.A. - - - - -	1958	Martin, John Gerald, B.E. - - - - -	1955
Mann, Edward Thomas, B.E. - - - - -	1953	†Martin, John Trevor, M.B., B.S. - - - - -	1962
Mann, Gertrude Irene, B.A. - - - - -	1919	Martin, Jeanne Mary, B.A. - - - - -	1953
Mann, William Eric, M.B., B.S. - - - - -	1958	Martin, Keith George, B.Sc. - - - - -	1952
Mannam, John, Ph.D. (Birmingham, 1955)	1960	Martin, Leslie James, B.Ec. - - - - -	1960
Mannes, Sylvester Joseph, B.A. - - - - -	1938		

* Deceased.

† Not yet Members of the Senate.

†Martin, Leslie Meredith, B.A.	1961	May, Lancelot Harris, B.Sc.	1949
Martin, Lincoln William, M.B., B.S.	1931	May, Leonard Seymour, B.Sc.	1926
Martin, Maurice Leon, B.Sc.	1945	May, Holland George, Mus.Bac.	1939
B.A.	1954	†Mayfield, Brenton John, B.Tech.	1961
†Martin, Melville, B.Ec.	1961	Mayfield, John Maxwell, B.Sc.	1958
†Martin, Michael Rex, M.B., B.S.	1963	Mayfield, Philip, B.A.	1959
Martin, Patrick Lawrence, B.D.S.	1954	Maynard, Donald Archer Scott, B.Sc.	1938
Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	1957	B.A.	1945
Martin, Ralph Keith, B.A.	1947	†Maynard, Robert Keith, B.Sc.	1961
Martin, Stanley Bamford, M.B., B.S.	1946	Mayne, Frederick, Ph.D. (Witwatersrand,	
†Martin, Terence Edwin, B.Sc.	1962	1961)	1962
Martin, Trevor Wallis, B.D.S.	1950	Mayne, Robert John Bruce, M.A. (New	
Martin, Walter Raymond, B.A.	1938	Zealand, 1926)	1937
Martin, William Thomas, B.A.	1914	Mayo, Clarice Elton, B.A.	1935
†Martinkus, Sigitas, M.B., B.S.	1961	Mayo, George Melrose Elton, Ph.D.	
Marzo, Leo Alfred, M.B., B.S.	1957	(B.Ag.Sc., 1945)	1957
Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947	Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926
Maslen, Grant Lewis, B.E.	1955	Mayo, Sir Herbert, LL.B.	1909
Mason, Bruce, B.Sc.	1938	†Mayo, John, B.A.	1963
Mason, Edith Kathleen Lillian, B.Sc.	1959	Mayo, Mary Penelope, M.A.	1937
Mason, Edward John Thomas, B.Sc.	1960	Mead, Dorothy, B.A.	1927
†Mason, Ian Bruce, B.Sc.	1962	Mead, John William, B.Ec.	1950
Mason, Robert Claud, B.Sc.	1951	Mead, Marjory, B.A.	1933
Masters, Bernard Lincoln, B.A.	1959	†Mead, Peter Robert, B.Tech.	1962
Masters, Marjorie, B.A.	1945	Meadows, Arthur Wilkes, Ph.D. (London,	
Masters, Ross Lincoln, B.Sc.	1924	1951)	1955
Materne, Desmond Eric, B.A.	1956	Meaker, Arthur Reginald, B.A.	1940
Materne, Maurice Ernest, M.B., B.S.	1956	Meaney, Maxwell Francis, B.Sc.	1950
Materne (nee Kohlhausen), Myra Audrey,		Meaney, Neville Kingsley, M.A. (B.A., 1955)	1956
B.Sc.	1955	Measday, Ellen May, B.A.	1940
Mather, Keith Benson, M.Sc. (B.Sc. (Eng.),		Measday, Jack William, B.E.	1948
1942)	1944	B.Ec.	1962
Matheson, Graham Houston, B.E. (Interim		†Medianik Mykola Boris, M.B., B.S.	1962
B.Sc. (Eng.), 1946, surrendered)	1948	Medlin, Brian Herbert, B.A.	1959
Matheson, Pamela, B.Sc.	1952	Medlin, Edwin Harry, Ph.D. (B.Sc., 1949)	1956
Matheson, Roderick Grant, LL.B.	1953	†Medlin, Graham Courtney, B.Sc.	1963
B.A.	1952	Medlow, David, B.Sc. (Eng.)	1944
Matheson, William Edmund, B.Ag.Sc.	1952	Medwell, John Gordon, B.A.	1952
Mathews, David Stanley, B.Sc.	1938	Meiers, John Maurus, B.A.	1937
B.A.	1940	†Meija, Juris Sigurds, B.E.	1962
Mathews, John Hugh, B.Sc.	1962	Melbourne, Henry Eoin Sydney, B.E.	1920
Mathews, Kenneth Elliott, B.E.	1953	Melbourne, John Clifford, B.E.	1952
Mathews, Russell Lloyd, B.Ec. (B.Com.,		Melbourne, William Henry John, B.A.	1949
Melbourne, 1950)	1953	Meldrum, Brian Reginald, M.B., B.S.	1953
Mathias, Brian Morgan, B.E.	1952	Meldrum, Edgar Albert, B.D.S. (Sydney,	
Mathieson, Marjorie Jean, Ph.D. (Cambridge,		1924)	1925
1950)	1954	Mellanby, Sir Edward, G.B.E., K.C.B., M.D.	
Mathison, Murray John, B.Ag.Sc.	1960	(Cambridge)	1951
†Matousek, Vladislav, M.B., B.S.	1961	Mellor, Geoffrey Lloyd, M.B., B.S.	1947
Matters, Horace John, B.A.	1950	Mellows, Peter Ernest, M.B., B.S.	1947
Matters, Reginald Francis, M.D. (M.B., B.S.,		†Mellowship, John Haslet, B.A.	1961
Sydney, 1916)	1929	Melville, James, Ph.D. (London, 1934)	1956
M.S.	1935	Melville, John Howard, LL.B.	1959
Matthew, Evelyn Maime, B.Sc.	1957	†Melville, Susan, B.A.	1963
Matthew, Ian George, Ph.D. (B.E., 1956)	1960	Melvin, Geoffrey Ronald, M.B., B.S.	1954
B.Sc.	1954	Melvin, Maxwell Victor, B.A.	1958
Matthews, Brian Wesley, B.Sc.	1959	Menadue, John Laurence, B.Ec.	1956
Matthews, Gladys Mary Palmer, LL.B.	1935	Menear, Ira, B.A.	1927
Matthews, Harold Pfau, B.E.	1927	B.Ec.	1955
Matthews, Maurice John, M.B., B.S.	1944	Menear, Yvonne, M.B., B.S.	1957
†Matthews, Richard Clive, M.B., B.S.	1963	Menz, Emmi Margarete, B.A.	1932
Matthews, Richard Trahair, B.A.	1941	Menz, William John, B.Ec.	1948
Matthews, Robert Stephen, B.Sc.	1948	Menzies, The Rt. Hon. Robert Gordon, C.H.,	
Mattingley, Brian John, B.A. (Tasmania,		Q.C., M.P., LL.D. (Melbourne)	1961
1937)	1938	Menzies, Ross Bailey, B.E. (Interim B.Sc.	
†Mattinson, William Edward John, B.E.	1963	(Eng.), 1942, surrendered)	1947
†Mattiske, David Donald, B.E.	1961	Mercer, Donald James, B.E.	1957
†Mattner, Aubrey Laurence, B.Sc.	1962	Mercer, Edgar Howard, D.Sc. (B.Sc., 1935)	1960
Mattner, Charles Prince, M.B., B.S.	1960	Mercer, Frank Verdun, B.Sc.	1942
Mattner, Ivy Ida, B.A.	1948	Merchant, David John, Mus.Bac.	1959
Mattner, Philip Edward, B.Ag.Sc.	1949	Meredith, Peter, M.A. (Oxford, 1953)	1963
Mattner, Richard Hocking, B.E.	1952	Merity, John Patrick, LL.B.	1952
Matulich, Ross Noel, LL.B.	1950	Merritt, James Laurence, B.Sc.	1949
Matz, Leonard Raymond, M.B., B.S.	1958	Mertin, Jack Victor, B.Ag.Sc.	1944
Mauger, Alan Harris, M.B., B.S.	1955	Messel, Harry, Ph.D. (National University,	
Mawby, Olga Gates, B.A.	1922	Ireland)	1952
Mawson, Jessica Quita, B.Sc.	1939	Messenger, Malcolm James, B.E.	1960
Mawson, Patricia Marietje, M.Sc. (B.Sc.,		Messent, Esther Mary, B.A.	1928
1936)	1938	Messent, Keith Santo, B.E.	1920
Maxwell, George Morrison, M.D. (Edin-		Messent, Sir Philip Santo, M.S. (M.B., B.S.,	
burgh, 1954)	1960	1918)	1923
May, Dorothy Mary, B.A.	1938	Messent, Philip William Santo, M.B., B.S.	1954
May, Elizabeth Ann, B.Sc.	1962	Mestrov, Thomas John, M.B., B.S.	1959
†May, Ernest John, B.A.	1961	†Mestrov, Francis, B.E.	1963
May, Geoffrey Ernest, B.Ec.	1957	Metchnik, Victor Ivor, Ph.D.	1963
May, James Richard, B.E.	1958	†Meyer, Carl Hugh Alexander, B.Med.Sc.	1963
May, John Colwyn, M.B., B.S.	1958	Meyer, Heinrich Carl, B.Sc.	1932
May, John Wilhelm, M.Sc. (B.Sc., 1952)	1956		
†May, Kevin Ronald, B.E.	1962		

† Not yet Members of the Senate.

Meyer, Richard Leo, B.A.	1953	Milne, Kevin Fowler, M.B., B.S.	1951
Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953)	1957	Milner, Bryan John, B.Sc.	1959
Michael, Maxwell Roy, B.E.	1951	Milner, Desmond Walter, B.E.	1936
Michael, Peter William, Ph.D. (B.Ag.Sc., 1951)	1959	Milton, Bernard Eric, M.Sc. (B.Sc., 1954)	1959
Michell, Charles Francis, M.B., B.S.	1921	Milton, Gerald White, M.B., B.S.	1947
Michell, Meredith June, B.A.	1958	Milton, Henry Richard, B.E.	1958
Michell, Mignon Norma Howard, B.A.	1944	†Mincham, Julian Hans, B.A.	1962
Michelmores, Walter Maxfield, B.Sc.	1941	Minhan, Agnes Cecelia, M.A. (B.A., 1927)	1933
Mickan, Bruce Valentine, B.Ec.	1959	†Minkiewicz, Irene Anna, B.D.S.	1962
Mickan, Erwin Laurence, B.Sc.	1956	†Minnis, Neville Lister, M.B., B.S.	1963
Mickan, John Herbert, M.B., B.S.	1952	Minson, Charles Stanley, B.Ec.	1939
Middleton, Melville John William, B.A.	1941	Mioceovich, Leonard Stephen James, M.B., B.S.	1958
Middleton, William Thomas Steele, B.Sc.	1947	Miraglia, Carlotta Rosina, B.A.	1953
Mierisch, Robert Johnston, M.E. (B.E., 1954)	1957	Misson, Patrick William, M.B., B.S.	1956
°Miethke, Adelaide Laetitia, B.A.	1924	†Mitchell, Adrian Christopher William, B.A.	1962
†Mihailovitch, Mira, B.A.	1962	Mitchell, Albert Leonard, B.A.	1956
Mikuzis, Jonas, M.B., B.S.	1954	Mitchell, Betty Dawn, B.A.	1947
Milazzo, Clare Cecelia, B.A.	1952	Mitchell, Donald Thomas, B.E.	1930
Milazzo, Stephen Charles, M.B., B.S.	1949	Mitchell, Frank Wyndham, B.Sc. B.A.	1927
†Mildren, Joy Marlene, B.Sc.	1963	M.A. (Ph.D., London, 1937)	1933
†Mildren, Mary Louise, B.A.	1955	Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947)	1943
Mildren, Michael John, B.E.	1959	Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924)	1932
Milencewicz, Witalius, M.B., B.S.	1959	Mitchell, Helen Margaret, B.Sc.	1952
Miles, John Arthur Reginald, M.D. (Cambridge, 1951)	1953	Mitchell, Ian Vaughan, B.Sc.	1959
Miles, Peter Wallace, Ph.D. (Cambridge, 1957)	1959	Mitchell, John Turnbull, B.Ec.	1953
Miles, Perry Ambrose, M.Sc. (B.Sc., 1949)	1951	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Milesi, Angelo John, B.Sc.	1927	†Mitchell, Margaret Elspeth, B.Sc.	1961
Mill, James Crowe Davidson, M.B., B.S.	1953	Mitchell, Sir Mark Ledingham, B.Sc.	1923
Millard, Colin, B.Ec.	1950	Mitchell, Noel John, M.B., B.S.	1956
†Millard, Diane Lesley, B.Sc.	1963	Mitchell, Percival Harris, B.A.	1906
†Millard, Susan Helen, B.Sc.	1963	Mitchell, Peter, B.Sc.	1959
Miller, Annie Rose, B.A.	1934	†Mitchell, Peter Ranald, M.B., B.S.	1963
Miller, Beryl Jessica, B.A. (Tasmania-1923)	1924	Mitchell, Robert John, B.Sc.	1960
†Miller, Colin David John, B.Med.Sc. M.B., B.S.	1961	Mitchell, Roma Flinders, LL.B.	1934
Miller, Ian Charles, M.B., B.S.	1958	Mitchell, Terrence John, B.A.	1957
Miller, Ian Lindemann, M.B., B.S.	1938	Mitchell, Thomas Oliver, B.Ag.Sc.	1933
†Miller, James William Haigh, B.Ec.	1960	°Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895
Miller, John Keetley, M.B., B.S.	1955	Mitchell, William Robert, B.E.	1950
Miller, John Milton, M.B., B.S.	1957	Mitchell, William Russell, B.E.	1948
Miller, John Stephen Corfield, M.A. (Cambridge, 1942)	1963	Mitchell, Zonne Marion, B.A.	1956
Miller, Joseph Brendan, B.E.	1951	Mitt, Hugo, M.E. (B.E., 1955)	1962
Miller, Justin Herbert, M.B., B.S.	1954	Miton, Jennifer Jean, B.A.	1956
Miller, Leslie Gordon, M.B., B.S.	1949	†Mitton, Madge Winifred, B.A.	1963
Miller, Malcolm William, M.B., B.S.	1932	Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926)	1928
Miller, Margaret Una, B.A.	1928	Mizon, Errol Alfred, B.Sc.	1948
†Miller, Michael Joseph, B.E.	1961	Moffat, Dorothy Joan, B.A.	1944
Miller, Peter Geoffrey, B.Sc.	1952	Moffat, May Josephine, M.B., B.S.	1911
Miller, Raymond Orlando Maurice, B.A.	1905	Moffatt, Betty Josephine Margaret Douglas, B.A.	1946
Miller, Robert Lionel, B.Sc. M.B., B.S.	1942	LL.B.	1947
†Miller, Roderick Stuart, B.D.S.	1961	Moffatt, Cathie Douglas, M.B., B.S.	1953
†Miller, Roland John, B.E.	1961	Moffatt, Graeme Gilbert, M.Ec. (B.Ec., 1957)	1960
†Miller, Thomas William, B.Tech.	1960	Moffatt, Jeannie May Douglas, M.B., B.S.	1953
Miller, Victor John, B.E.	1952	†Moffatt, Michael James, B.E.	1962
Millerd, Alison Adele, Ph.D. (Sydney, 1953)	1959	Moffitt, Richard Barry, B.E.	1952
Millhouse, Grace Mary, LL.B.	1960	Mofflin, Lionel Hugh, M.B., B.S.	1948
Millhouse, Glenn, B.D.S.	1948	Mohr, Robert Finney, LL.B.	1953
†Millhouse, Peter Leslie, M.B., B.S.	1961	Molineux, Marion Ruth, B.A.	1954
Millhouse, Robin Rhodes, LL.B.	1951	Molineux, Ronald Eugene, B.E.	1947
Millhouse, Vivian Rhodes, LL.B.	1939	Moller, William John, B.Ag.Sc.	1959
Milligan, Brian, Ph.D. (B.Sc., 1952)	1956	†Mollison, Brenton Graham, M.B., B.S.	1961
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951)	1958	Molloy, Raymond Brian, B.A.	1950
Mills, Barbara Joyce, B.A.	1938	Moncrieff, Josephine Hartley, B.A.	1911
†Mills, Bernard Jeffrey, B.Ec.	1962	Moncrieff, Mary Kathleen, B.A.	1910
Mills, Bessie Heather, B.A.	1952	Moncrieff, Rostrevor Brooke, M.B., B.S.	1952
Mills, Dorothy Nell, B.A.	1928	Monfries, John William Elliott, B.D.S.	1924
†Mills, Elliott Whitfield, LL.B.	1962	Mongan, Horace John, B.E.	1918
Mills, Eric Baxter, B.E.	1929	Monro, John Malcolm, Ph.D.	1959
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944	Montgomery, Albert, M.B., B.S.	1955
Mills, John Brabyn, B.Sc.	1936	†Montgomery, Malcolm George, LL.B.	1962
Mills, John Murray, B.A.	1952	Moodie, Colin Troup, LL.B.	1934
Mills, John Scott, B.E. B.A.	1955	Moodie, Robert Beresford, LL.B.	1931
†Mills, Kenneth William, B.Sc.	1962	Moorcroft, Edward, B.Sc.	1959
Mills, Kingsley John, B.Sc.	1959	Moore, Alan Walter, B.Ag.Sc.	1948
†Mills, Richard Andrew, B.Sc.	1962	Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926
†Mills, Richard Graham John, B.Sc.	1961	†Moore, Brian William, B.Sc.	1961
Milne, Annie Johnson, B.A.	1936	Moore, Cecily Anne, B.A.	1954
†Milne, Anthony John, M.B., B.S.	1961	Moore, Colin Eugene, M.B., B.S.	1959
†Milne, Geoffrey Maxwell, B.Sc.	1963	Moore, Donald Rex, B.Sc.	1922
Milne, Kenneth Harvey, B.E.	1925	†Moore, Elizabeth Douglas, B.A.	1963

° Deceased.

† Not yet Members of the Senate.

Moore, George Douglas, B.Sc.	1904	Moulden, John Owen, LL.B.	1938
Moore, Harold Robinson, M.B., B.S.	1945	Moulden, Owen Meredith, M.B., B.S.	1910
Moore, Humphrey Owen, B.Sc.	1932	Mounster, Valerie Luella, B.A.	1928
Moore, John Lewis, M.B., B.S.	1957	†Mounster, Walter Edward, B.Tech.	1961
†Moore, Jon Reading, B.Tech.	1962	Mount, Anthony Blair, B.Sc.	1958
Moore, Kevin Reading, B.D.S.	1951	Mount, Graham Jaunay, B.D.S. (Sydney, 1946)	1962
Moore, Kevin Terance, B.Tech.	1960	Mount, Jonathan, B.E.	1955
Moore, Max Clifford, M.B., B.S.	1946	†Mountford, Graham Charles, B.Sc.	1963
Moore, Murray Ira, B.E.	1956	Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934
Moore, Phillip James, LL.B.	1960	†Mowatt, Anne Margaret, B.Sc.	1962
Moore, Phyllis Mary, B.A.	1909	Moyes, John Stoward, M.A. (B.A., 1905)	1907
Moore, Robert Brian, B.Sc.	1950	Moyes, Morton Henry, B.Sc.	1910
Moore, Robert Clifton, B.A.	1958	Moyle, Francis James, B.Sc.	1950
Moore, Robert Waters, B.Ag.Sc.	1957	Moyle, Sidney, M.A. (B.A., 1914)	1917
†Moore, Roberta Frances Leah, M.B., B.S.	1962	B.Sc.	1926
Moore, John Robert, B.Sc.	1960	Moyses, Bertram Ivey, B.E.	1937
Morad, Ahmad Bin, M.B., B.S.	1954	†Moyses, Douglas Raymond, B.Tech.	1963
Moran, Francis Brian, LL.B.	1948	†Mudge, Peter Rowland, M.B., B.S.	1962
Moran, John Francis, B.D.S.	1941	Mudge, Margaret, B.A.	1953
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Mudie, George Dempster, B.E.	1921
Morcom, Ross George, B.E.	1955	Muecke, David Sunter, M.B., B.S.	1958
More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947	Muecke, Douglas Colin, B.A.	1948
Moreland, Jack, M.B., B.S.	1926	Muecke, Francis Frederick, M.B., B.S.	1902
Morey, Burnard Spondley, B.Sc.	1950	Muecke, Ian Donald, B.A.	1955
†Morey, David Ian, B.Sc.	1962	Muecke, Peter Sunter, B.Sc.	1959
Morey, Geoffrey Wilson, M.B., B.S.	1926	Mueller, Dorothy Concordia, B.A.	1953
Morgan, David Archibald Stevenson, M.B., B.S.	1943	Mueller, Edwin Albert, B.A.	1939
Morgan, Edward James Ranembe, LL.B.	1920	†Mueller, Geoffrey Leslie, B.Sc.	1961
Morgan, Eric Desmond, B.D.S.	1948	Mueller, Malcolm Dudley, B.E.	1950
Morgan, Furness David, Ph.D. (California, 1956)	1959	Mueller, Merna Alma, M.B., B.S.	1950
†Morgan, Garth Alan, B.E.	1963	Mueller, Rae Vernon, B.Sc.	1944
†Morgan, Graham Thomas, B.E.C.	1961	Muetzelfeldt, Dorothea, B.A.	1951
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953	Muetzelfeldt, Elfriede Elise, M.A. (B.A., 1937)	1950
Morgan, Lloyd Kenneth, M.B., B.S.	1952	◦Mugford, Frank Kenneth, M.B., B.S.	1925
Morgan, Owen Brakspear, M.B., B.S.	1952	Mugford, Keith, M.B., B.S.	1957
Morgan, Olwen Esther, B.A.	1930	Mugford, Lancelot Suckling, B.A.	1945
Morgan, William Matheson, B.E.	1930	Mugford, Rex Ernest, B.A.	1944
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957)	1961	Muhammad, Abdul Munim Hassan, B.Ag.Sc.	1952
Morlet, Geoffrey Claude, M.B., B.S.	1955	Muirden, Elizabeth Alice, B.A.	1950
Morley, Donald Norman, B.Sc.	1960	Muirden, Hector Raymond, B.A.	1930
Morphett, Anthony Eddy, B.Sc.	1950	Muirhead, Andrew Mackinnon, B.D.S.	1950
Morphett, Ian Rivers, B.Tech.	1960	Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1950
Morphett, John Neville, B.A.	1955	Muirhead, James Henry, LL.B.	1950
Morphett, John Wallace, B.E.	1958	◦Muirhead, Leonard Graeme, M.B., B.S.	1911
Morris, David Franklin, B.Sc.	1955	Muirhead, Mortimer John Croft, M.B., B.S.	1949
Morris, Hildred Ione, B.A.	1929	Muizulis, Voldemars, B.E.	1951
Morris, John Lennox, B.A.	1949	†Mulcahy, Dennis Estcourt, B.Sc.	1962
Morris, Kerwin William, B.Sc.	1949	Mules, Betty Lavina, B.A.	1945
Morris, Lenore, B.Sc.	1950	†Mules, Glen Ronald John, B.Sc.	1963
Morris, Lyndall Erica, B.A.	1924	Muljadi, Djojomartono, B.Ag.Sc.	1960
Morris, Mervyn Charles, LL.B.	1923	†Mullan, Barry James, B.E.	1961
Morris, Neville Johnston, M.B., B.S.	1953	Mullen, Brian Anthony, LL.B.	1935
Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959	†Muller, Hans Konrad, B.Med.Sc. M.B., B.S.	1963
†Morrison, Robert William James, B.E.	1962	Muller, Peter Neil, B.E.	1949
†Morrison, Anna Stirling, B.A.	1963	Mullins, Francis Joseph, B.E.	1956
Morrison, Ian Bruce, B.E.	1958	Mullins, Margaret Anne, Mus.Bac.	1959
Morrison, John Colin, B.A.	1959	Mulvihill, Edward John, B.A.	1958
Morriss, Elsie, M.A. (B.A., 1928)	1931	Mullner, Judith Anne, B.Sc.	1953
†Morrissy, Noel Michael, B.Sc.	1962	Mumme, Ivan Albert, B.Sc.	1949
Mortess, Ian Richard, M.B., B.S.	1958	Mumme, William Gustav, M.Sc. (B.Sc., 1956)	1959
Mortimer, Isabel Inkster, M.B., B.S.	1955	Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957)	1961	Munday, Malcolm Joseph, B.D.S.	1953
Morton, Christopher Gordon, B.E.	1924	Munday, Neill Horace, M.B., B.S.	1924
Morton, Donald James, B.Sc.	1956	Munday, Robert Neill, M.B., B.S.	1955
†Morton, Julia, B.A.	1963	Mundy, Kevin Arnold, B.A.	1936
Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959	Mune, Marie Elizabeth, M.A. (B.A., 1953)	1962
†Morton, Robert Kitchener, B.E.	1963	Munn, Bertha Helen Temple, B.A.	1917
†Mossley, Graham Edward, B.E.	1962	Munn, Sydney Morris, B.A.	1940
†Moses, Margaret Veronica, B.A.	1963	Munro, Barbara Joan, B.A.	1951
Moss, Colin Lance, B.A.	1939	Munro, Ian Alexander, B.Sc.	1949
†Moss, Malcolm, B.E.	1963	Murchland, John Byrne, M.B., B.S.	1954
Moss, Rodney Clare, M.B., B.S.	1954	Murdoch, Bronwen, B.A.	1950
Moten, Brian Leslie, B.E.	1953	Murdoch, Robert Bruce, B.E.	1957
Moten, John Michael, B.Sc.	1955	Murn, Vincent Alan, B.E.	1941
Moten, Kathleen Margaret, M.B., B.S.	1957	Murphy, Evangeline, B.A.	1907
Motteram, Phillip, B.E.	1914	Murphy, Margaret Jane, B.A.	1947
Motteram, Reginald, B.Sc.	1934	Murphy, Marjorie Rose, B.A.	1956
M.B., B.S.	1939	Murphy, Mary, B.A.	1933
Moulden, Arnold Meredith, LL.B.	1914	†Murphy, Noel Julian, B.Tech.	1961
Moulden, Barbara Meredith, B.A.	1957	Murphy, Peter Raymond, B.Sc. (Eng.)	1943
		Murphy (nee Glynn), Shylie Patricia, B.A.	1942
		Murphy, Thomas Roy, M.Sc.	1957
		Murphy, William Hugh, B.Sc.	1955

◦ Deceased.

† Not yet Members of the Senate.

†Murray, Andrew Walter, B.Ag.Sc. - - -	1961	Neville, Margaret Elisabeth Susan, Ph.D.	
Murray, Donald Bruce Seymour, M.B., B.S.	1953	(Leeds, 1956) - - - - -	1959
Murray, Eric Lionel, Ph.D. (B.Sc., 1953) -	1962	Newbery, Maxwell Charles, B.E. - - -	1954
Murray, Gordon Seymour, M.B., B.S. - - -	1944	Newland, Ben Totham Jervois, M.B., B.S. -	1952
Murray, Ian James Douglas, B.E. - - - - -	1960	Newland, Sir Henry Simpson, M.S. (M.B.,	
Murray, Ian Peter, B.Sc. - - - - -	1959	B.S., 1896) - - - - -	1902
Murray, John Dunmore, B.E. - - - - -	1953	Newland, Malcolm Creswell, M.B., B.S. -	1938
Murray, John McKenzie, B.Tech. - - - - -	1958	Newland, Nancy Benning, LL.B. - - -	1937
†Murray, Keith Douglas, M.B., B.S. (Sydney,		Newman, Bernard William, B.Sc. - - - - -	1934
1953) - - - - -	1961	Newman, Edgar Harold, LL.B. - - - - -	1894
†Murray, Lyndon George, M.B., B.S. - - -	1961	Newman, Jeffrey Howard, B.E. - - - - -	1957
Murray, Noel William, B.E. - - - - -	1950	Newman, Kenneth Fisher, B.Ec. - - - - -	1938
Murray, Philomena Mary, B.A. - - - - -	1934	B.A. - - - - -	1940
Murrell, Helen Calvert, B.Sc. - - - - -	1949	Newman, Lewis Arthur, B.Sc. - - - - -	1925
M.B., B.S. - - - - -	1955	Newman, Ralph Frederic, LL.B. - - - - -	1945
Murrell, Timothy George Calvert, M.B., B.S.	1959	Newnham, William Arthur, M.B., B.S. -	1946
Musman, Roma Josephine, B.A. - - - - -	1943	†Newport, William George B.Tech. - - -	1961
Mussared, Peter Llewellyn, B.E. - - - - -	1955	Newsome, Alan Eric, M.Sc. - - - - -	1963
Mutton, Henry Edwin Howard, M.A. (B.A.,		Ng, Andrew Lian Timn, B.A. - - - - -	1954
1918) - - - - -	1922	Ng, Boon Gim, M.B., B.S. - - - - -	1962
Mutton, Howard James Charles, B.A. - - -	1954	Ng, Boon Keng, M.B., B.S. - - - - -	1960
Mutze, George Friedrich, M.B., B.S. - - -	1952	†Ng, Robert Lian Wee, M.B., B.S. - - -	1961
Mychajlyszyn, Jaroslav, B.E. - - - - -	1956	Nichol, Lawrence Walter, Ph.D. (B.Sc.,	
†Myers, Allan Arthur, M.B., B.S. - - - - -	1963	1956) - - - - -	1962
Myers, Arthur Mervyn, M.B., B.S. - - - -	1933	Nicholas, Herbert Ahearn, B.D.S. - - - -	1950
Myhill, Reuben John, B.D.S. - - - - -	1948	Nicholas, Ian James, B.E. - - - - -	1959
†Myles, Brian George Lloyd, M.B., B.S. - -	1962	Nicholas, Rowland John, B.A. - - - - -	1943
Mysak, Lawrence Alexander, M.Sc. - - - -	1963	Nicholls, Barbara Ruru, B.A. - - - - -	1941
N			
Nader, Clement Joseph, B.Sc. - - - - -	1959	†Nicholls, Christopher William Gordon, LL.B.	1963
Nagel, Norman Edgar, B.A. - - - - -	1945	Nicholls, Colin Herbert, B.Sc. - - - - -	1949
Naidu, Nannuru Anjaneyulu, M.Ag.Sc. - - -	1959	Nicholls, Donald Alfred, M.B., B.S. - - -	1945
Nairn, Donald Elwyn, M.B., B.S. - - - - -	1953	Nicholls, Edward Maxwell, M.B., B.S. - -	1949
Nairn, Jennifer, B.Sc. - - - - -	1954	Nicholls, Eric Pascoe, M.B., B.S. - - -	1956
Nairn, John Wallace, B.E. - - - - -	1949	Nicholls, Henry, B.E. - - - - -	1938
Nairn, Mary Beatrice, M.B., B.S. - - - -	1953	Nicholls, Jack Montague, M.B., B.S. - - -	1946
Nairn, Peter Ross, B.E. - - - - -	1949	Nicholls, James Herschel, M.B., B.S. - -	1942
Nairn, Robert Ian, B.D.S. - - - - -	1951	Nicholls, Jonathan Kingsley, B.A. - - - -	1924
Nairn, Robert John, B.E. - - - - -	1960	Nicholls, Kelynn Elmo, M.B., B.S. - - -	1948
Nairne, Alexander Livingstone, M.A. - - -	1905	Nicholls, Leslie Albert, B.Sc. - - - - -	1949
Nancarrow, Cyril Gawler, LL.B. - - - - -	1936	Nicholls, Leslie Herbert, B.A. - - - - -	1893
Nancarrow, Jean Isobel, LL.B. - - - - -	1947	Nicholls, Leslie Thorncliffe, B.E. - - - -	1948
Nancarrow, Malcolm Ewart, M.B., B.S. - -	1946	Nicholls, Peter Borden, Ph.D. - - - - -	1963
†Nankervis, Nerissa Glenda, B.Sc. - - - -	1963	Nicholls, Trevor Thomas, M.B., B.S. - - -	1957
Nankivell, Joseph Frank, B.Sc. - - - - -	1945	Nicholls, Valwynne Arthur, M.B., B.S. -	1959
Nankivell, Maxine Vera, B.A. - - - - -	1945	Nichols, Graham Philip, B.Tech. - - - -	1960
Nankivell, Shirley Dawn, M.B., B.S. - - -	1953	Nichols, Ian Andrew, B.A. - - - - -	1951
Nankivell, William Field, B.Ag.Sc. - - -	1950	LL.B. - - - - -	1953
Napier, Bruce, B.D.S. - - - - -	1949	Nichols, Reginald Clarence, B.Sc. - - -	1945
Napier, Ian Murray, M.Sc. (B.Sc., 1957) -	1960	Nichols, Terence Ivan, B.Sc. - - - - -	1960
Napier, Sir Thomas John Mellis, LL.D.		Nichols, Trevor Charles, B.Sc. - - - - -	1948
(LL.B., 1902) - - - - -	1959	Nicholson, Hugh John Gay, B.E. - - - -	1918
†Narcisse, Khoeun, B.A. - - - - -	1963	Nicholson, Ian Lancaster, B.E. - - - -	1939
Nash, Leslie Malcolm, B.Tech. - - - - -	1959	Nichterlein, Frieda Pauline, B.A. - - - -	1948
Nash, Philip Llewellyn, M.B., B.S. - - -	1958	Nickolai, Max Ronald, B.Sc. - - - - -	1952
Nath, Jagdishwar, M.Ag.Sc. - - - - -	1959	Nickolls, Peters Michael, LL.B. - - - -	1953
Naughtin, Patrick Chanel, M.A. (B.A., 1949)	1956	Nicolson, Alexander John, B.Ag.Sc. - - -	1960
Nayda, Mervin Lawrence, B.Tech. - - - -	1958	Nicolson, Andrew David, B.Ag.Sc. - - -	1954
Naylor, John Colenso, LL.B. - - - - -	1923	†Nicolson, Hamish, M.B., B.S. - - - - -	1962
Naylor, Margaret Mary Jessie Darnley, B.A.	1920	Nicolson, Murray Thomas, B.Sc. - - - -	1945
Naylor, Rupert Leslie, M.B., B.S. - - - -	1924	Nield, Alexander Cowell, M.B., B.S. - -	1956
†Neal, Henry George Milton, B.E. - - - - -	1963	†Nield, Hugh Cowell, LL.B. - - - - -	1962
Neal, Laurie Frederick, B.A. (London, 1935)	1960	Nienaber, Blair, B.E. - - - - -	1953
Neale, Arthur, M.B., B.S. - - - - -	1952	Nietz, Arno Oscar, B.A. - - - - -	1951
Neale, Nancy Gwynneth, M.Sc. (B.Sc., 1942)	1945	Nietz, Herbert Walter, M.A. (B.A., 1913)	1918
Neale, Shirley Margaret, B.Sc. - - - - -	1946	B.Sc. - - - - -	1921
Neck, Maurice Allan, B.E. - - - - -	1950	Nietz, Ian Arno, B.E. - - - - -	1954
Neely, Mary Boyd Woodburn, B.A. - - - -	1953	†Nikitins, Helene, B.A. - - - - -	1963
Neely, Mervyn George, M.B., B.S. - - - -	1957	†Nikitins, Margarita, B.Sc. - - - - -	1963
Neighbour, Keith, B.E. - - - - -	1952	Nilsson, Carl Sigurd, B.Sc. - - - - -	1956
Nelligan, Joseph William, LL.B. - - - - -	1921	Nilsson, Neil Alfred, Ph.D. (M.A., 1955;	
Nelson, Archibald John Alexander, B.A. -	1938	B.A., 1951) - - - - -	1959
Nelson, Cynthia, B.A. - - - - -	1945	Nilsson, Reginald Hakan, B.Ec. - - - - -	1944
Nelson, James Angus, B.E. - - - - -	1949	Ninnes, Alan Herbert, B.Sc. - - - - -	1957
Nelson, Peter John, B.Sc. - - - - -	1960	Ninnes, Arthur Reginald, B.A. - - - - -	1943
Nelson, William Barton, B.E. - - - - -	1924	Ninnes, Patricia O'Moore, B.A. - - - -	1957
Neuker, Robert Leonard, B.E. - - - - -	1955	Nitschke, John Edwin, B.E. - - - - -	1949
Nerlich, Graham Charles, M.A. (B.A., 1955)	1957	†Nitschke, Peter John, B.Sc. - - - - -	1962
Nesbitt, Robert William, Ph.D. (Durham,		Nixon, Valerie Colinette, B.A. - - - - -	1957
1961) - - - - -	1962	Nizamuddin, Mohammed, Ph.D. - - - - -	1961
Nettle, Richard William, B.E. - - - - -	1941	Noack, Charles Hugh, M.B., B.S. - - - -	1941
Nettle, Robert James, M.B., B.S. - - - - -	1958	Noack, Peter John, B. Tech. - - - - -	1958
Nettlebeck, Colin William, B.A. - - - - -	1960	Noall (nee Percy), Olive Edriss, B.A. - -	1935
Nettlebeck, David Clive, B.A. - - - - -	1960	Nobbs, Jack McKay, M.Sc. (B.Sc., 1944) -	1951
Neuling, Herman James, B.E. - - - - -	1937	Nobbs, William David, LL.B. - - - - -	1949
Neuenkirchen, George Murray, B.E. - - -	1947	Nobes, Edith Dorothy, B.Sc. - - - - -	1921
Neuenkirchen, John Basil, B.E. - - - - -	1953	Noble, Andrew Morden, B.E. (Interim B.Sc.	
		(Eng.), 1944, surrendered) - - - - -	1948
		Noble, Elaine Kay, B.Sc. - - - - -	1958
		Noble, Geoffrey Robert, LL.B. - - - - -	1958

† Not yet Members of the Senate.

Noble, George Grant, LL.B.	1937	Odlum, Reginald Lance, LL.B.	1937
Noblett, David John, B.E.	1950	Odlum, Vernon James, M.B., B.S.	1939
Noblett, Hedley Lindsay, B.A.	1926	†O'Donnell, Alan James, M.B., B.S.	1962
Noblett, Max Hadden, B.A.	1957	O'Donnell, Elizabeth Anne, LL.B.	1954
Nogare, Ronald Raphael Dalle, B.Sc.	1953	O'Donnell, Margaret Helena, B.Sc.	1954
†Nolan, Gordon David, B.Tech.	1961	O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947)	1951
Nolte, Bryan Trevor, B.E.	1957	O'Donoghue, Raymond Francis, B.Ec.	1951
*Noltenius, Harry Edward, B.A.	1902	†O'Donoghue, Raymond Richard, B.A.	1963
†Noolan, Jon Gillett, B.Ec.	1963	O'Donoghue, Stephen Kevin, B.A.	1912
Noon, David Lyon, B.A.	1952	O'Driscoll, Elliot Sylvester, M.Sc.	1963
Noonan, John William, B.A.	1952	O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939)	1960
Noonan, Patrick Robert, B.Ec.	1957	Offler, Robin, B.Sc.	1960
Nordin, Alfred Walter, B.E.	1957	O'Grady, Helen Patricia, M.A. (B.A., 1959)	1961
Norgard, John Davey, B.E.	1937	O'Grady, Kevin John, M.B., B.S.	1958
Norman, Albert Edward, B.A.	1948	O'Grady, Maureen Therese, B.Sc.	1957
Norman Arthur Edward, B.Sc.	1949	Offord, Thomas Frank, B.Sc.	1951
B.A.	1955	Ogilvie, Keith Ross, B.E.	1956
Norman, Harold Ashley, LL.B.	1947	Oh, Kong Yew, B.E.	1959
Norman, William Gowan, M.B., B.S.	1938	O'Halloran, Michael William, M.Sc. (B.Sc., 1954)	1957
Norrie, Douglas Hector, B.E. (New Zealand, 1952)	1957	†O'Halloran, Sydney John, M.B., B.S.	1962
Norris, Allan Mervyn, B.A.	1956	O'Hara, Brian Isidro, M.B., B.S.	1950
†North, John Brian, M.B., B.S.	1963	O'Keefe, John, LL.B.	1957
North, Rita Bridget Rice, LL.B.	1945	Ohlstrom, Leonore Anne, M.A. (B.A., 1929)	1962
North, William Ian, M.B., B.S.	1939	Olden, John Albany Niquet, M.B., B.S.	1958
Northcote, Geoffrey Graham, B.E.	1959	Oldfield, Frederick Bernam, B.Sc.	1923
†Northeast, Keith Laurence, B.Tech.	1963	Oldfield, Neil, M.B., B.S.	1940
Northey, Helen Louise, B.Sc.	1953	Oldham, Brenda Helen, B.A.	1941
Northey, James Douglas, B.A.	1919	Oldham, Marjory (nee Anderson), B.A.	1915
Northmore, Sir John Alfred, LL.B.	1887	Oldham, Wilfrid Hugh, B.E.	1948
Norton, Margaret, M.A. (Chicago, 1955)	1958	Oldman, Bruce Phillips, B.Ec.	1960
Nott, Harry Carew, M.B., B.S.	1913	O'Leary, Patrick Damian, B.D.S.	1951
†Nottage, Neil Thomas, B.Tech.	1961	Olijnyk, Nikolas, B.Sc.	1960
Nottle, Geoffrey Edward, B.A.	1956	Oliphant, Hurtle Garth, B.Tech.	1959
Novotny, Jaroslav, B.Sc.	1960	Oliphant, Sir Marcus Lawrence Elwin, B.Sc.	1923
Novotny, Naomi Mary, B.Sc.	1954	Oliphant, Michael John, B.Sc.	1958
Nunan, Douglas Stephen, B.A.	1960	Oliver, Archibald Robert, M.E. (B.E., 1941)	1952
Nunn, George Marshall, M.B., B.S.	1951	Oliver, Robert Wallace, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
Nunn, Kevin Joseph, B.Sc.	1942	Oliver, Robin Langford, Ph.D. (Cambridge, 1954)	1959
†Nurman, Muhamad, B.Tech.	1962	Ollini, Richard, B.Sc.	1957
O		Oliver, Jeffrey Graham, B.Sc.	1960
Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951	O'Loughlin, Kevin Thomas, LL.B.	1949
Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935	B.A.	1956
†Oaten, Robin Richard, B.E.	1963	†O'Loughlin, John Augustine, M.B., B.S.	1961
Oats, William Nicolle, B.A.	1932	O'Loughlin, Maurice Francis, LL.B.	1956
Oborn, Benjamin Watson, B.E.	1956	Olsen, Paul Engberg, B.E.	1941
Oborn, Elizabeth-Anne Watson, B.A.	1959	Olssen, Edwin Alexander, M.A. (B.A., 1937)	1947
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Olsson, Athol Julius, LL.B.	1920
O'Brien, Francis John Romuald, B.A.	1951	Olsson, Graham Douglas, LL.B.	1956
O'Brien, Hartley Eric, B.A.	1939	Olsson, Leslie Trevor, LL.B.	1954
B.Ec.	1954	O'Malley, Charles Ernest Denis, B.E.	1932
O'Brien, John Alexander, M.B., B.S.	1947	O'Malley, John Edwin, B.A.	1945
O'Brien, John Aloysius, B.Ec.	1951	Omond, D'Arcy James, B.E.	1949
†O'Brien, John Barrie, B.Ec.	1961	†O'Moore, Ellenora Patricia, M.B., B.S.	1961
O'Brien, John Louis, B.E.	1961	O'Neil, Cornelius Patrick, B.A.	1949
O'Brien, Maurice Aloysius, B.A.	1945	O'Neil, Marguerite, B.A.	1949
†O'Brien, Peter Christopher, B.Ag.Sc.	1962	†O'Neil, Peter Hendy, B.A.	1961
O'Brien, Ross Pagden, B.E.	1949	O'Neil, Sydney, M.B., B.S.	1917
O'Callaghan, Desmond Joseph, B.Sc.	1949	†Ong, Teng Chiong, B.Arch	1962
O'Callaghan, Miah Patrick, LL.B.	1937	†Ooi, Boon Teck, B.E.	1962
O'Callaghan, Peter John, B.D.S.	1952	†Ooi, Eam Beng, B.Sc.	1963
Ockenden, Ralph David, B.D.S.	1948	Ophel, Trevor Richard, B.Sc.	1955
Ockenden, Robert Hartley, B.Ec.	1951	Opie, Alan James, B.E.	1953
Ockendon, Garth Palmer, B.A.	1950	Opie, Brian Preston, B.E.	1949
O'Connell, Brian John, B.Sc.	1952	Opie, Peter Bruce, M.B., B.S.	1956
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1953	Opie, Roderick Preston, B.A.	1959
†O'Connell, Geraldine Mary, B.A.	1962	Opie, Roger Gilbert, M.A. (B.A., 1949)	1951
O'Connor, Deirdre Catherine, B.A.	1950	Opie, Thomas Schulz, B.A.	1923
O'Connor, Denise Christobel, B.A.	1947	Opit, Julius Marcus, B.Sc.	1955
O'Connor, Diana Jean, M.B., B.S.	1949	Opit, Louis Jonah, M.B., B.S.	1949
O'Connor, John Desmond, M.B., B.S.	1952	Oram, Rex Neville, Ph.D. (B.Ag.Sc., 1953)	1960
O'Connor, Maxwell James, B.Sc.	1957	Orchard, Barbara Winifred, M.B., B.S.	1959
O'Connor, Peter Joseph, B.A.	1951	Orchard, Donald Ralph, B.E.	1956
O'Connor, Playford D'Arcy, M.B., B.S.	1938	B.Ec.	1961
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1939	†O'Reilly, Ronald James, B.Sc.	1961
O'Connor, Reginald William, LL.B.	1953	Osborn, Peter William, B.Sc.	1949
B.A.	1956	Osborn, Rowen Frederic, B.A.	1947
†O'Connor, Thomas James, B.A.	1962	Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911)	1912
O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1938	Osborn, Thomas Raymond, B.Sc.	1942
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Osborne, Dennis James, B.Ec.	1959
O'Dea, Kathleen Mary, M.B., B.S.	1948	Osborne-White, Douglas Arthur, B.E.	1952
†Odgers, Anne Catherine, B.A.	1962	Osborne-White, William Sidney, B.Sc.	1956
Odlum, Leonard Ralph, B.Sc.	1937	†O'Shea, John Martin, B.Sc.	1961

* Deceased.

† Not yet Members of the Senate.

Osman, Boris, B.E.	1940	Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954)	1960
Osman, Neile, M.A. (B.A., 1942)	1945	Parker, Ross Lloyd, B.E.	1957
Osmond, Phyllis Dawn, B.A.	1949	Parkhill, Douglas Leonard, M.E. (M.A., Sc., British Columbia, 1958)	1962
O'Sullivan, James David, LL.B.	1949	Parkhouse, Devon, M.B., B.S.	1907
O'Sullivan, John Joseph, B.A.	1953	Parkhouse, Thomas William, B.Sc.	1940
Oswald, Peter James, B.Tech.	1958	Parkin, Dorothy Joan, B.A.	1936
Othams, Dorothy Elizabeth, B.A.	1925	†Parkin, Ian Andrew, B.Sc.	1961
Othams, Herbert Reginald, B.A.	1937	Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938)	1949
†Ottens, Graham John, B.Sc.	1962	Parkin, Kevin John, B.Sc.	1949
Otto, Lance Martin, B.E.	1954	Parks, Veronica June, M.B., B.S.	1958
Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Farr, Stanley Robert, B.Ec.	1957
Owen, Donald Keith, B.Tech.	1960	Farrott, Charles Philip, B.Tech.	1958
Owen, Evan Thomas, M.B., B.S.	1956	Parry, Doris, B.A.	1931
Owen, Gwennyth Winsome, B.A.	1941	Parsons, Albert Christian, B.E.	1950
Owen, Indra Joshua, B.Ec.	1956	Parsons, Barbara, B.A.	1949
Owens, Arthur John, B.Sc.	1928	Parsons, Colin, B.A.	1958
		†Parsons, Denis, B.Tech.	1962
		Parsons, Geoffrey Bonython Angus, M.A. (Cambridge, 1932)	1935
		Parsons, Harold Stephen, Mus.Bac.	1912
		Parsons, Ian Ross McKenzie, B.Med.Sc.	1958
		Parsons, Peter Angus, B.Ag.Sc.	1955
		†Parsons, Peter Gordon, B.Sc.	1963
		Parsons, Philip Brendon Angus, LL.B.	1928
		Parsons, Ralph Whaddon, B.E.	1948
		*Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926
		†Parsons, Robert Allan, B.Sc.	1962
		†Parsons, Robert Frederick, B.Sc.	1961
		Parsons, Ronald Lewis, B.E.	1942
		Parsons, William Ross, B.A.	1948
		Parton, Arthur Leigh, M.B., B.S.	1944
		Partridge, Judith Lois Mary, B.A.	1958
		Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	1947
		Pascoe, Douglas Everett, B.Ec.	1948
		Pascoe, Jeremy Lawrence, B.E.	1960
		Pascoe, Pauline Ina, M.B., B.S.	1955
		†Pascoe, Timothy Lawrence, B.E.	1962
		Pash, Hannah June, M.B., B.S.	1946
		Pash, Hannah Rita, B.A.	1930
		Pash, Jeffrie Herbert, B.A.	1938
		Pash, Spencer, M.Sc. (B.Sc., 1943)	1952
		†Passehl, Johann Heinrich, M.B., B.S.	1962
		†Passmore, John Roger, B.Sc.	1961
		†Patching, Allan Ralph, B.Sc.	1962
		†Patching, Desmond William John, M.B., B.S.	1956
		Pater, Graham Stephen, B.D.S.	1951
		Paterson, Alexandra Jean, B.Sc.	1949
		Paterson, Alfred Harold, B.A.	1937
		Paterson, Dennis Craig, M.B., B.S.	1954
		Paterson, John Levett, B.E.	1950
		Paterson, Keith McGregor, B.E.	1932
		Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
		Paterson, Robert George, B.A.	1958
		Paterson, Ross, B.Sc.	1953
		Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1915
		Paton, Alfred Maurice, B.Sc.	1898
		Paton, Margaret Anne, B.A.	1954
		Paton, Robert, M.B., B.S.	1951
		Patrick, Elsie Furneaux, Mus.Bac.	1925
		†Patten-Richens, Colin Henry, B.Tech.	1963
		†Patterson, Conrad Brenton, B.A.	1961
		†Patterson, John Howard, Ph.D. (B.Sc., 1958)	1963
		†Patterson, John Rayden, B.Sc.	1962
		†Patterson, Keith Raymond, LL.B.	1937
		†Patterson, Neil William, B.E.	1961
		†Patterson, William Friedrich, B.E.	1934
		†Pattinson, Sir Baden Powell, LL.B.	1921
		†Patwardhan, Asha, M.B., B.S.	1961
		†Paul, David Brenton, B.Sc.	1961
		Paul, Kevin Carroll, B.Sc.	1935
		†Paul, Peter, B.A.	1963
		Paull, Alec Gordon, B.Sc. M.A. (B.A., 1926)	1920
		Paull, Colin Gordon, M.B., B.S.	1932
		Paull, Torrance Arnold, M.B., B.S.	1953
		Pavia, Roy Rowling, B.A.	1947
		Pavillard, Robin Eugene, M.B., B.S. (London, 1957)	1913
		Pavy (nee Proud), Emily Dorothea, B.A.	1960
		Pavy, Harold Keith, M.B., B.S.	1906
		Pavy, Ian Gordon, M.B., B.S.	1919
		Pavy, John Keith, M.B., B.S.	1943
			1952

* Deceased.

† Not yet Members of the Senate.

Favy, Rosemary Dorothea, M.B., B.S.	1948	Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1960
Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1954	Peters, John Irwin, B.E.	1959
Paxon, Thomas Gordon, M.D. (London, 1956)	1961	Peterson, Jean Clarice, B.A.	1940
†Payne, Allan Barrie, B.Sc.	1961	Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1939
Payne, George Basil, B.A.	1935	Petrie, Enid Beatrice, Mus.Bac.	1935
Payne, Louise Mary Gwythyr, B.A.	1914	Petrikas, Elvira, M.B., B.S.	1958
Paynter, Norman Catchlove, B.A.	1937	Pettit, Garth Derwood, B.D.S.	1953
Peake, Noel Horace, M.B., B.S.	1954	†Pettit, Janet Ann, B.A.	1961
Pearce, Alfred Moreton, B.A.	1951	Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1954
†Pearce, Brian Godfrey, B.A.	1962	Pfeiffer, Edgar Reginald, B.Sc.	1953
Pearce, Charles Clifton, B.A.	1938	Pfeiffer, Gordon James, B.D.S.	1949
†Pearce, David Fraser, B.Tech.	1962	Pfeiffer, Norman, B.A.	1938
†Pearce, Dennis Charles, LL.B.	1961	Pfützner, David Roy, B.Sc.	1960
Pearce, Desmond Beresford Newman, B.Sc.	1951	Pfützner, Eric Norman, M.A. (B.A., 1930)	1933
Pearce, Helen Ruth, B.A.	1958	Pfützner, Leo Wilkin, B.E.	1953
†Pearce, Neil William, B.Tech.	1963	Pfützner, Murray Ackland, M.B., B.S.	1953
Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1955	†Pfützner, Paul, B.D.S.	1961
Pearce, Trevor Sandison, B.Ag.Sc.	1953	Pfützner, Victor Carl, B.A.	1958
Pearcy, Lyn Harley Draper, M.B., B.S.	1953	Phillipps, Herbert Tarlton, B.Sc.	1905
†Pearlman, Rex Lindsay, M.B., B.S.	1963	Phillipps, Keith Herbert, B.E.	1951
†Pearman, Robert Graham, M.B., B.S.	1963	Phillips, Alan Dunstan, M.B., B.S.	1947
†Pearman, Reginald John, B.Sc.	1954	B.Sc.	1959
†Pearse, David Hiles, B.Tech.	1962	Phillips, Albert Maurice, B.E.	1941
Pearson, Halley James Crawford, B.A.	1944	Phillips, Basil Wright, B.D.S.	1950
Pearson, Henry Gurner, B.Tech.	1959	†Phillips, Brian Douglas, B.Sc.	1961
†Pearson, Leslie Allan, B.Tech.	1962	Phillips, Brian John, B.E.	1960
Pearson, Leslie Norman, B.A.	1941	Phillips, Charles Leslie, B.D.S.	1926
Pearson, Thomas Pickering, B.Tech.	1959	†Phillips, Colin Rex, B.E.	1963
Pech, Herman, B.A.	1947	Phillips, Colin William, M.B., B.S.	1951
Pech, Rufus, B.A.	1947	Phillips, Gordon Gilbert, B.A.	1940
Pederick, Leith Hubert, B.Sc.	1960	Phillips, James Henry, B.E.	1948
†Pederson, David George, B.Sc.	1962	Phillips, James Howard, B.Sc.	1962
Pedler, John Meavious, M.B., B.S.	1935	†Phillips, John Townley, B.E.	1962
†Pedler, Pender James, B.Sc.	1963	Phillips, Malcolm John, B.Tech.	1960
Pedlow, Clarice, B.Sc.	1942	Phillips, Muriel Edith, B.A.	1935
Peirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947	Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Peirce, Reginald Frank, B.A.	1938	Phillips, Murray Thomas, B.E.	1947
Peirson, Clive Graham, B.Ec.	1960	Phillips, Pamela Rosemary, M.B., B.S.	1951
Pellow, Dorothy Elaine, LL.B.	1960	Phillips, Ronald Mervyn, B.A.	1951
Pellow, Henry Edwin, M.B., B.S.	1924	Phillips, Walter Wynne, B.A.	1958
Pellow, Janie Christobel, B.D.S.	1932	Phillips, William James Ellery, M.B., B.S.	1915
Pellow, Lancelot Vivian, LL.B.	1922	Phillips, William John, B.A.	1959
Pellow, Leonard James Ternouth, M.B., B.S.	1932	Phillipson, Coleman, LL.D. (Manchester, 1908)	1920
Pellow, Richard Alfred Amyas, M.B., B.S.	1934	†Philpott, Jennifer Mary, B.A.	1963
Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942	†Pick, William, B.Tech.	1963
Pelz, Ines Charlotte, B.A.	1960	Pickering, Eric, B.A.	1960
†Penery, Donald Vivian, B.Tech.	1961	†Pickering, Geoffrey Gilmore, B.E.	1961
Pengelly, John Michael, B.Ec.	1952	Pickering, Ronald Franklin, B.Sc.	1946
Pengilly, Clifford Kipling, B.E.	1930	Pickering, Trevor George, M.B., B.S.	1958
Penglase, Dean Trestrail, B.E.	1951	†Piddington, Robert William, B.Sc.	1963
Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956)	1962	†Pierce, James John Carley, B.Ec.	1962
Penn, John Halbert, B.E.	1953	†Peterson, Robert Arthur, B.A.	1954
†Pennicott, Margaret Mary, B.A.	1961	Pietsch, Clemens Henry, M.B., B.S.	1945
Pennington, Beryl, B.A.	1942	Pike, Colin Edwin, LL.B.	1954
Penna, Elwyn Dunstan, B.A.	1952	Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957
Penny, David Harry, M.Ec. (B.Ec., 1952)	1958	Pike, Geoffrey Howard, M.B., B.S.	1953
Penny, Harold John, M.B., B.S.	1913	†Pikusa, Stefan Adam, B.Arch.	1963
Penny, Hubert Harry, M.A. (B.A., 1926)	1932	Pile, Kenneth Charles, B.E.	1949
Penny, John Philip, M.Sc. (B.Sc., 1958)	1961	Pilgrim, Alan Flinders, B.Sc.	1936
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1959	Pillai, Kotha Kanthimathy, M.B., B.S.	1958
Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1923	Pillay, Elagu Sithampara, M.B., B.S.	1954
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1935	Pilton, Phyllis Evelyn, B.Sc.	1955
Pereira, John Evelyn De Haan, B.A.	1945	Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942
Perkins, Brian Randall, B.Sc.	1955	†Piper, Cyril Thomas, M.B., B.S.	1924
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1943	Piper, Flora Elizabeth, B.A.	1924
Perkins, Marie Pauline, B.A.	1949	Piper, Herbert Walter, D.Litt. (B.A., 1938)	1961
Perrett, Lance Victor, M.B., B.S.	1952	†Piper, Robert William, LL.B.	1963
†Perriam, Donald John, B.Med.Sc.	1962	Pirotta, Thomas, M.B., B.S.	1957
Perry, Audrey Vivienne, LL.B.	1949	Pitcher, Cyril Frederick, M.B., B.S.	1911
Perry, Dulcie May, B.A.	1939	Pitcher, Maurice Knight, B.Sc.	1925
Perry, John William, LL.B.	1959	Pitcher, Russell Barton, M.B., B.S.	1948
Perry, Rayden Alfred, M.B. (B.Sc., 1947)	1956	†Pitcher, Wendy Lois, B.A.	1961
Perry, Robert George, B.E.	1956	Pitcher, William Bonynthon, B.Sc.	1945
†Perril, Joseph, LL.B.	1961	Pitchon, Leon, M.B., B.S.	1940
Peter, Beth Ellen, B.Sc.	1957	Pitman, Beresford Ernest, B.Sc.	1945
Peter, Phyllis Grace, B.A.	1960	B.A.	1955
Peters, Brian Harry, M.B., B.S.	1948	Pitman, Michael George, Ph.D. (Cambridge, 1959)	1963
Peters, Geoffrey Ernest, B.A.	1925	Pitt, George Henry, B.A.	1920
M.B., B.S.	1927	Pitt, Marjorie Una, B.Sc.	1925
†Peters, Geoffrey John, M.B., B.S.	1961	Place, Ullin Thomas, M.A. (Oxford, 1949)	1953
Peters, George Francis, B.Sc.	1948		

* Deceased.

† Not yet Members of the Senate.

Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937	Potter, John Colin, B.Ag.Sc.	1948
Platt, John Talbot, B.A.	1951	†Potter, John Lewis, B.Tech.	1961
Platten, Newell James, B.E.	1951	Potter, John Stanley, B.Ag.Sc.	1957
†Platts, John Charles, B.Tech.	1961	Potter, Maurice Martyn, B.Sc.	1957
Playford, John Drysdale, B.A.	1959	†Potter, Robert James, B.E.	1961
Playford, Malcolm Noel, LL.B.	1937	Potter, Roy Adolph, M.A. (B.A., 1913)	1923
Playford, Margaret Claire, M.B., B.S.	1955	Potter, Vernon Wheatley, M.B., B.S.	1941
Plimmer, Geith Alfred, B.A.	1930	Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948)	1956
Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949)	1961	Potts, Ethelwyn, B.A.	1909
Plummer, Alexander Philip, B.D.S.	1941	Potts, Frank Roland, B.Sc.	1922
Plummer, Reg Garnet, M.B., B.S.	1906	Potts, Gilbert Macdonald, M.A. (B.A., 1911)	1915
Plummer, Rex Grose, M.B., B.S.	1937	Potts, John Louis, M.B., B.S.	1951
*Plummer, Violet May, B.Sc.	1893	Potts, Kevin Thomas, Ph.D. (D.Phil., Oxford, 1954)	1959
M.B. (Melbourne, 1897)	1897	Potts, Leo, M.B., B.S.	1955
Plummer, Violet Myrtle, M.B., B.S.	1932	Potts, Renfrey Burnard, B.Sc.	1945
Plunkett, Norman Ambrose, B.E.	1926	Powell, Alan Anthony Leslie, B.Ag.Sc. (Sydney, B.Sc.Agr., 1959)	1962
Plush, Donald Seward, B.Ag.Sc.	1948	*Powell, Harold, M.B., B.S.	1913
Pobjoy, Alice Blake, B.A.	1918	Powell, Kathleen Naomi, B.A.	1925
Pocius, Martynas, B.E.	1955	Powell, Miriam Athalie, B.A.	1927
Pocock, Edward Robert, M.A. (B.A., 1956)	1958	Power, Frances Maureen, B.A.	1951
†Pocock, Kenneth John, B.Sc.	1961	Power, Francis Bryan, B.Ec.	1951
Pohlman, William Frederick Claude, B.Sc.	1926	Power, John Leslie, LL.B.	1922
Poidevin, Leslie Oswyn Sheridan, M.D. (M.B., B.S., Sydney, 1938)	1960	Powrie, James Kelvin, M.Sc.	1951
Polasek, Metoděj, B.Ec.	1958	Powrie, Robert Malcolm, M.B., B.S.	1956
†Polden, Marjorie Philippa, B.A.	1962	Poynton, John Orde, M.D. (Cambridge, 1941)	1948
Pole, Audrey Elizabeth, B.A.	1956	†Pratt, Bryan Harry, B.Ag.Sc.	1962
Polglase, Norman, B.Sc.	1947	Pratten, Raymond Douglas, B.Sc.	1952
Polkinghorne, Graham Keith, B.E.	1954	Prece, Julia Anne, B.A.	1949
Polkinghorne, Kate Elinor, B.A.	1931	Prece, Kathleen Mary, B.A.	1952
Polkinghorne, Keith, B.A.	1936	Preedy, Winifred Edna, B.D.S.	1927
Polkinghorne, Noel Francis, B.A.	1934	Prezler, Theodor Carl, B.A.	1955
†Pollard, Pamela Helen, LL.B.	1963	Prescott, Rupert Warre, B.A.	1930
Pollnitz, Eunice Adah, B.A.	1938	Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919)	1924
Polomka, Simon Peter, B.Ag.Sc.	1955	D.Sc.	1932
Polson, Reginald Alexander, B.E.	1929	Prescott, John Russell, B.Sc.	1944
Pomroy, Alan Browning, B.E.	1938	Presgrave, David Kenneth, B.Tech.	1958
Pomroy, Richard Osborne, B.E.	1923	†Preskett, Malcolm, B.Tech.	1963
Ponnia, Anthonipillai, B.E.	1954	Presley, Charles Frederick, B.A. (Wales, 1950)	1959
Ponsford, Joan Helen, B.Sc.	1949	Prest, David Harris, B.Sc.	1953
†Pontifex, Ian Russell, B.Sc.	1961	Prest, Elizabeth Maurine, M.B., B.S.	1951
Poole, Frederick St. John, M.B., B.S.	1909	Prest, Henry Gordon, M.B., B.S.	1925
Poole, Gilbert Graham, B.Sc., B.E.	1921	Prest, Jennifer Anne, B.A.	1957
Poole, Richard John, B.E.	1951	Prest, Robert Henry, B.A.	1955
†Poon, Mong Yue, Thomas, B.D.S.	1963	Preston, John Arthur Rowland, M.B., B.S.	1955
Pope, Geoffrey Weston, B.Sc.	1963	Preston, Tom, B.E.	1924
†Pope, Gerald Wardlaw, B.Sc.	1957	Price, Sir Archibald Grenfell, M.A. (Oxford, 1919)	1920
Pope, John Travers, B.E.	1949	D.Litt.	1932
Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1960	Price, Charles Archibald, B.A.	1944
Pope, Norman Hector, B.Tech.	1949	Price, Charles William Russell, M.B., B.S.	1932
Pope, Peter Myles Burton, B.E.	1957	Price, Ione Dorothy, B.A.	1948
Porra, Robert John, B.Sc.	1955	Price, James Robert, D.Sc. (B.Sc., 1932; M.Sc., 1935)	1954
Porter, Ailsa Rosemary, B.Sc.	1961	Price, Joan Isabel, B.A.	1938
†Porter, Christopher Robert, B.Sc.	1961	Price, Judith Helen, B.Sc.	1961
Porter, David James, LL.B.	1941	Price, Kenneth Bonamy, B.A. (Oxford, 1949)	1951
Porter, Harold George, B.A.	1960	Price, Trafford Conor, B.Sc.	1957
Porter, James Glanville, B.Tech.	1960	Price, Winifred Vera, B.A.	1949
Porter, James Lincoln, Mus.Bac.	1963	Prider, Valentine Aubrey Hamilton, B.A.	1951
†Porter, John Reginald, B.Tech.	1942	Pridham, Geoffrey Jasper, LL.B.	1953
Porter, Kingsley Clarence, M.B., B.S.	1961	B.A.	1955
†Porter, Maurice John, B.Tech.	1958	Pridham, Lancelot Robert, B.Sc.	1947
Porter, Mervyn Kingsley, B.A.	1960	Pridmore, Roy Vernon, B.Sc.	1925
Porter, Reginald Bernard, M.Sc. (B.Sc., 1953)	1954	M.B., B.S.	1929
Porter, Robert, B.Med.Sc.	1954	Priebbenow, Arthur David, B.A.	1960
†Porter, Robert Critchley, LL.B.	1962	Priebbenow, Clarence Raymond, B.A.	1958
Porter, Rodney Crawford, B.E.	1959	Priest, Amy Grace, M.A. (B.A., 1920)	1923
Porter, Ronald Frank, B.D.S.	1940	Priest, Reginald Arthur, B.Sc.	1951
Porter, Thelma May Edith, B.A.	1941	Prime, Andree Joyce, B.A.	1945
Posen, Solomon, M.B., B.S.	1955	Prime, Henry Ashworth, M.Sc. (Manchester, 1946)	1954
Posingham, John Victor, M.Sc. (B.Ag.Sc., 1951)	1955	Prince, Erica Lloyd, B.A.	1913
Posingham, Maxwell Leonard, B.Sc.	1954	Prior, Graham Clifton, LL.B.	1960
M.E. (B.E., 1956)	1959	†Prior, Mary Dene, M.B., B.S.	1963
Posner, Alan Meyer, Ph.D. (Cambridge, 1950)	1961	†Pritchard, John Joseph, B.Sc.	1934
Postle, Douglas Gordon, M.B., B.S.	1941	Pritchard, John Nelson, B.A.	1954
Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922	†Pritchard, Robert Keith, B.Ag.Sc.	1953
Potter (nee Bates), Betty, B.Sc.	1939	B.A.	1961
B.A.	1942	Pritchard, Vita, B.A.	1941
Potter, Brian John, M.Sc. (B.Sc., 1945)	1950	†Probert, James Keith Stewart, B.Sc.	1951
†Potter, David Charles, B.E.	1962	B.Tech.	1962
†Potter, Dennis Robert, B.Sc.	1963	Proctor, Ivy Millicent, B.A.	1935
Potter, Frank Jaques, LL.B.	1947	Proctor, Rose Emily, B.A.	1934
B.A.	1957	†Proske, Uwe, B.Sc.	1963
†Potter, Helen Anderson, B.Sc.	1962		
Potter, Ian Downing, B.A.	1959		

* Deceased.

† Not yet Members of the Senate.

Reisonas, Irvis John, B.E.	1957
Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902
†Remeljei, Wolfgang Werner, B.Sc.	1963
Remilton, John Robert, M.B., B.S.	1953
Rendell, Alan, B.A.	1930
†Rendell, Anthony Alan, B.A.	1962
Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952
Renfrey, Arthur William, B.Ec.	1959
Renfrey, Lionel Edward William, B.A.	1938
Reini, Bruno, M.B., B.S.	1956
Renner, Johannes Theodore Erich, B.A.	1950
Renney, John Thomas Goodchild, M.B., B.S.	1955
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919
Retallack, Alan John, B.E.	1955
Retallack, Bruce James, B.A. (B.Sc., 1939)	1935
Reuter, Colin Albert, B.D.S.	1955
†Reuter, Douglas James, B.Ag.Sc.	1963
Reynolds, Beatrice Mary Heywood, B.A.	1924
Reynolds, Bevan William, B.D.S.	1959
Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958
Reynolds, Howard, B.Sc.	1950
Reynolds, James Alan, B.E.	1953
Reynolds, John Heywood, B.A.	1928
Reynolds, Lilo, B.A.	1948
Reynolds, Maxwell Andrew, B.Sc.	1951
Reynolds, Maxwell Stanley, B.A.	1948
†Rhodes, George Anthony, M.B., B.S.	1963
†Rhodes, Gwendoline Maude, LL.B.	1939
†Rhodes, Lawry James, B.Tech.	1962
Rhymer, Lorna May, B.A.	1957
Rice, Brian George, B.Sc.	1954
Rice, John David, M.B., B.S.	1930
†Rice, John Peter, M.B., B.S.	1961
Rice, Lawrence John, M.B., B.S.	1948
Rice, Michael Scollin, M.B., B.S.	1959
Rice, Phillip John, LL.B.	1951
*Rice, Therese Marie, M.A. (B.A., 1942)	1947
Rice, Vincent de Paul Lawrence, M.B., B.S.	1933
Rice, William Mitton, B.E.	1953
Riceman, David Stirling, D.Sc. (M.Sc., 1947)	1959
†Richards, Anthea Ellen, B.Sc.	1963
Richards, Archibald Charles, M.A. (B.A., 1922)	1927
Richards, Brian Gordon, B.E.	1956
Richards, Bruce Leslie, B.Tech.	1959
Richards, Cecil Albert, M.A. (B.A., 1924)	1929
Richards, Clarence, B.Sc.	1915
Richards, M.B., B.S.	1919
†Richards, David John, B.Tech.	1961
Richards, Dudley Lewis, LL.B.	1931
Richards, Eric Dean, M.B., B.S.	1951
Richards, Eva Gertrude, B.A.	1914
Richards, Fred Kither, B.Ec.	1956
Richards, Sir Frederick William, LL.D. (London, 1896)	1897
Richards, Gordon Alfred, B.A.	1937
Richards, James Ross, M.B., B.S.	1954
Richards, Kenneth Ross, B.Sc.	1948
Richards, Maxwell John, M.B., B.S.	1954
Richards, Ronald Roy, B.Ag.Sc.	1951
Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951
Richards, William Edward, B.A.	1932
†Richardson, Alan James, B.A.	1963
†Richardson, Barry Gilbert, B.Ec.	1962
Richardson, John Milton, B.Ag.Sc.	1952
Richardson, John Patrick, M.B., B.S.	1952
Richardson, Middleton Bart, B.Sc.	1941
†Richardson, Noel Lewis, B.Ag.Sc.	1963
Richardson, Patricia Sophia, M.B., B.S.	1937
Richardson, Robert William, B.E.	1953
Richardson, Ruth Mary Desmond, B.A.	1954
Richardson, Walter Murray, B.Sc.	1951
†Richmond, James Malcolm, B.A.	1961
†Rickard, Graeme Robert, B.Sc.	1963
Riddell, Frank Scoular, M.B., B.S.	1953
†Ridley, Kenneth Floyd, B.Tech.	1963
†Rieck, Bruce William Jarrett, LL.B.	1963
Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957
Riedel, Felix Daniel, B.A.	1950
Riedel, Melita Wanda, Mus.Bac.	1920
Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952

Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919
Rieger, Richard Anthony, M.B., B.S.	1956
Riggs, Noel Victor, B.Sc.	1942
Rigter, Gerard Theodore Joseph, B.A.	1960
Riley, John, M.B., B.S.	1953
Riley, Mabel, B.A.	1908
Rimes, Garnet Dean, B.Sc.	1950
†Rimmer, David Barry, B.E.	1961
†Rimret, The Right Honourable Thibaudeau, P.C., LL.D. (McGill)	1951
Rippert, Reinhart, M.B., B.S.	1957
†Risby, John Young, B.Ec.	1962
Rischbieth, Henry George, M.B., B.S.	1942
Rischbieth, John Ross, B.Sc.	1937
Rischbieth, Oswald Henry Theodore, B.A.	1909
Rischbieth, Richard Harold Charles, M.B., B.S.	1951
Risely, Barrie Grenville, B.Sc.	1956
†Risely, Dennis John, B.Sc.	1962
Ritenis, Indulis, M.B., B.S.	1955
†Ritson, Robert John, M.B., B.S.	1962
Rix, Areta, B.A.	1938
Roach, Desmond Michael, B.E.	1952
*Roach, John Carlyle, B.E.	1921
Roach, John Robert, B.E.	1960
†Roach, Rodney Barrington, B.D.S.	1963
Roark, Bruce Archibald, Ph.D.	1958
Robbins, Thomas Fellows, B.E.	1940
Robert, Douglas Bower, B.Sc.	1942
Roberts, Arthur Bruce, LL.B.	1922
Roberts, David Pearson, B.Sc. (Eng.)	1947
†Roberts, Ernest Albert Kevin, B.A.	1962
Roberts, Ivor Charles, M.B., B.S.	1952
Roberts, Jennefer Mary, B.A.	1959
Roberts, Jillien Mary, LL.B.	1949
Roberts, John Barry, B.Sc.	1957
Roberts, John Desmond, B.A.	1953
Roberts, Joseph Armistice, M.B., B.S.	1950
†Roberts, Marcia Anne, B.A.	1963
Roberts, Nancy Mowbray, B.A.	1947
†Roberts, Peter Michael, B.E.	1962
Roberts, Richard Leslie, B.E.	1953
Roberts, Robin Lea, B.A.	1939
B.Ec.	1956
†Roberts, Ronald Sydney George, B.Tech.	1961
Roberts, Roy, B.A.	1956
Roberts, Sheila Margaret, B.A.	1959
Robertson, Alfred Bentley, B.E.	1942
Robertson, Allison Alexander, B.E.	1952
†Robertson, Andrew Derek, B.D.S.	1961
Robertson, Anthony Oliver, M.B., B.S.	1956
Robertson, Betty Ann Fotheringham, B.A.	1948
Robertson, Christopher Lumley, M.B., B.S.	1957
Robertson, Clara Enid, B.A.	1929
Robertson, Colin Frank, M.B., B.S.	1954
Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954
Robertson, Donald Alexander, LL.B.	1934
Robertson, Gwendoline Katherine, B.Sc.	1948
Robertson, Hall, B.E.	1948
Robertson, Ian, M.B., B.S. (M.B., Ch.B., Cape Town, 1948)	1963
Robertson, Ian Robert, B.E.	1948
Robertson, Iris Esther, M.A. (B.A., 1923)	1925
Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950
Robertson, Janet Marian, B.A.	1960
Robertson, John Charles, B.E.	1960
Robertson, Kenneth Alexander, B.A.	1954
Robertson, Kenneth James, M.D.S. (B.D.S., 1940)	1953
Robertson, Leon Medley, B.E.	1951
†Robertson, Malcolm Lindsay, LL.B.	1963
Robertson, Margaret Jean, B.A.	1956
Robertson, Nancy Douglas, B.Sc.	1945
†Robertson, Robert Malcolm, B.Ec.	1962
Robertson, Ronald Peter, M.B., B.S.	1945
Robertson, Rutherford Ness, D.Sc. (Sydney, 1961), F.R.S.	1963
Robertson, Sydney Clifford, B.Sc.	1922
M.E. (B.E., 1924)	1935
Robertson, Thorburn Stirling Brailsford, B.Sc.	1948
M.B., B.S.	1953
Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1953
Robertson, William Roy, B.E.	1959
Robin, Angus Geoffrey, B.Sc.	1952
Robin, David Rex, B.Tech.	1960

* Deceased.

† Not yet Members of the Senate.

†Sadedin, David Roy, B.Tech.	1963	Sawley, Jennifer Ann, B.A.	1959
Sag, Andrew Gabriel, B.E.	1959	†Scales, Peter James, B.E.	1961
†Sag, Thomas William, B.Sc.	1961	Scales, William Arthur, LL.B.	1930
Sage, Harold Robert, B.A.	1953	Scarborough, Eric Charlton, B.E.	1951
†Sage, Robert Edward, M.B., B.S.	1963	Scarborough, Lincoln John, B.Tech.	1959
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948)	1951	Scarce, John Desmond, B.E.	1957
Sainsbury, Robert William James, B.E.	1951	Scarfe, Elwyn Bewell, LL.B.	1940
Saksena, Hari Krishna, Ph.D.	1953	Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
†Sallis, Brian Leonard, B.Ec.	1962	Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926)	1934
Sallis, John Dalwood, B.Sc.	1958	Scarman, Ian Edwin, B.Ec.	1960
†Sallis, Margaret Elsie, B.A.	1961	Schache, Alma Olga Antonia, B.A.	1909
Salter, Douglas Munro, M.B., B.S.	1926	Schaefer, Ronald, M.B., B.S.	1956
Salter, William Fulton, M.B., B.S.	1936	Schafer, Carl Hannaford, M.B., B.S.	1919
Salveson, Donald Gordon, B.Tech.	1960	Schafer, Helene Judith, B.Sc.	1957
Samaha, Tonie Samuel, M.B., B.S.	1954	†Schafer, Marcia Marie, M.B., B.S.	1963
Samcewicz, Zdzislaw Ryszard, B.E.	1955	†Schafer, Mark David, M.B., B.S.	1963
Samelowitz, Neil, M.B., B.S.	1950	Schafer, Max Ernest Hannaford, B.D.S.	1923
Sampson, Dulcie Joyce, Mus.Bac.	1938	Schild, Maurice Edmund, B.A.	1958
Sampson, John Coffey, B.D.S.	1951	Schirmer, Gerhart Percy, B.Ec.	1951
Samuel, Geoffrey, M.Sc. (B.Sc., 1921)	1926	Schmid, Laurence John, M.E. (B.E., 1959)	1963
Samuel, Helen Josephine, B.A.	1939	Schmidt, Lewis Walter, B.Sc.	1940
Sandeman, Ronald John, B.Sc.	1951	†Schmidt, Raymond Kevin, B.A.	1962
Sandercock, Alfred Mervyn, B.A.	1936	Schneider, Michael, M.B., B.S.	1925
†Sandercock, Charles, B.Sc.	1963	Schneider, Michael Philip, B.A.	1955
Sandercock, Edward Robert, B.Sc.	1960	Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	1946
Sandercock, Rex Glynde, B.Sc. (Eng.)	1943	Schneider, Walter Herman, M.E. (B.E., 1920)	1945
†Sanders, Angelika Marie, M.B., B.S.	1963	Schneider, Wilfred, B.E.	1922
Sanders, Grace Annie, B.A.	1920	Schneider, Wilfred Carl, M.A. (B.A., 1929)	1932
Sanders, Harold William, B.A.	1912	Schodde, Peter, B.Sc.	1960
Sanders, Irma Mary, B.A.	1943	Schodde, Richard, B.Sc.	1939
Sanders, John Veysey, B.Sc.	1944	†Schoff, Richard Frederick, B.Tech.	1962
Sanders, Mostyn Clifford, B.Sc.	1944	Scholar, Ernest, B.A.	1941
Sanders, Robert William, B.E.	1948	†Scholefield, Judith Ellen, B.A.	1962
Sanderson, John Gavin, M.Sc. (B.Sc., 1950)	1958	Scholz, William Herbert, M.B., B.S.	1954
Sanderson, Kenneth Villiers, M.B., B.S.	1943	†Schomburgk, Ian Charles, B.Tech.	1962
†Sanderson, Peter James, B.Sc.	1961	†Schomburgk, Pauline Elizabeth, B.A.	1961
Sanderson, Peter Robin, B.E.	1952	Schroder, Ernest William, B.E.	1955
Sandery, Charles Arthur, LL.B.	1921	†Schroder, Harold, B.E.	1961
†Sandery, Peter Leonard, B.Sc.	1963	Schroder, Judith, B.Sc.	1950
Sandford, Alastair Wallace, M.A. (Oxford, 1937)	1948	†Schroeder, James Alfred, B.Sc.	1961
Sandford, Robert Max, B.Sc.	1943	Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1960
Sandison, Alexander, M.B. (Edinburgh, 1906)	1906	Schubert, Frank Helmut, B.A.	1934
Sandison, Alexander Geoffrey, M.B., B.S.	1956	†Schubert, Heather Jean, B.A.	1962
†Sandhu, Ajeet Kaur, M.B., B.S.	1961	†Schubert, Jane Helen, B.A.	1962
Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Schudmak, Henry, M.B., B.S.	1949
†Sando, Brian Gordon, M.B., B.S.	1961	Schuetz, Harold Edwin, B.A.	1953
Sando, Clarice Melva, B.A.	1955	Schuller, Wendy Margaret, B.Sc.	1960
†Sando, Colin Joseph, B.Tech.	1961	Schultz, Gordon Ray, B.A.	1950
†Sando, Eric John, M.B., B.S.	1962	†Schultz, Jeffrey Elmore, B.Ag.Sc.,	1963
Sando, Maurice James Wilson, M.B., B.S.	1953	†Schultz, Leslie John, B.Tech.	1962
Sandover, William Ewan, M.B., B.S.	1951	Schulz, Peter Kasimir, M.Sc. (B.Sc., 1959)	1963
Sandow, Richard Henry, B.D.S.	1951	Schultz, Roydon Donald, B.Sc.	1954
Sands, Desmond Montague Willington, B.D.S.	1934	Schulz, Ernst Adolph, B.E.	1931
Sangster, Alexander Keith, LL.B.	1934	Schulz, Margaret Ruth, B.Sc.	1958
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	1941	Schulz, Robert George, M.B., B.S.	1947
Sangster, David Flower, B.Sc.	1945	Schumacher, Colin Stephen, B.E.	1954
Sangster, John William, M.B., B.S.	1939	†Schumacher, Mavis Noreen, B.A.	1963
Sansom, Joyce Mary, Mus.Bac.	1947	Schunke, Richard Hugh, B.Sc.	1959
†Sarah, Neil, B.Ec.	1961	Schuppan, Dene Thomas, B.Tech.	1959
Sargent, Rex James, M.B., B.S.	1929	Schutz, Raymond Alfred, B.E.	1949
Sargson, Alan McLeod, B.Sc. (Sydney, 1952)	1957	Schwab, Gordon Ernest, B.Sc.	1950
Sarre, Malcolm Glen, M.B., B.S.	1945	Schwartz, Barry Walter, B.E.	1959
Sarre, Vera Georgina, B.A.	1917	Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959
Sarre, Winifred Grace, B.A.	1953	Schwarz, Eugene Robertson, B.Sc.	1939
Sasse, Hans Christopher, M.A. (B.A., 1957)	1960	Schwarz, Philip John David, M.B., B.S.	1957
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953)	1957	Scobie, John Hedger, M.B., B.S.	1949
†Sastradipradja, Sastyatmodjo, B.E.	1962	Scobie, Sidney John, B.A.	1936
Satchell, Geoffrey Harold, Ph.D. (Leeds, 1945)	1963	Scollin, James, B.D.S.	1932
Sauer, Henri Hugo Albert, M.B., B.S.	1952	Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928
Saulite, Elfrida, B.D.S.	1952	Scott, Douglas Cussen, B.Sc.	1955
Saunders, Bryan Gordon Reginald, M.A.	1961	Scott, Jeffrey Frank, LL.B.	1949
Saunders, Elizabeth Stuart, M.B., B.S.	1960	B.Ec.	1955
Saunders, Graham Edward, B.A.	1959	Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953
Saunders, John Milton, M.B., B.S.	1952	†Scott, Nigel Steele, B.Ag.Sc.	1961
Saunders, Pepita Cerda, LL.B.	1925	Scott, Philip Earle, B.E.	1954
Savage, Arthur Charles, M.B., B.S.	1928	Scott, Roland Alexander David Byron-, B.Sc.	1960
Savage, Charles Arthur, B.A.	1954	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1913
Savage, Joseph Patrick, M.S. (M.B., B.S., 1954)	1962	Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1955
Sawers, Donald Alexander, B.Sc. (Eng.)	1942	Seragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946)	1955
Sawers, Ronald John, M.B., B.S.	1942	Seragg, Walter Robert Lambert, B.A.	1950
Sawicki, Thaddeus John, M.B., B.S.	1958	Seiven, Murray Walter, B.A.	1947
Sawley, Darrell Frederick, B.Sc.	1929	Seiven, Wilton Maxwell, B.Sc.	1953

† Not yet Members of the Senate.

†Scroop, Garry Campbell, M.B., B.S.	1962	Shearer, Harvey Albert, B.A.	1936
Scrymgour, Peter Robert, B.E.	1956	Shearer, Ivan Anthony, LL.B.	1960
Seaman, Gilbert Frederick, B.Ec.	1935	†Shearer, Peter Herbert, B.Tech.	1961
Seaman, Keith Douglas, B.A.	1951	Shearer, Robert Clifford, B.Ag.Sc.	1959
LL.B.	1955	Shedley, Alfred Charles, B.Sc.	1919
Seaman, Robert Scott, B.Sc.	1958	Sheedy, Redmond Stuart Parnell, M.B., B.S.	1952
Seamark, Robert Frederick, B.Ag.Sc.	1959	Shekleton, Peter Reginald, B.A.	1957
Searle, Clifford Alfred James, B.A.	1937	Sheldon, John Charles, Ph.D. (Nottingham, 1956)	1963
Searle, Frederick John, B.A.	1902	Shephard, Stanley Maxwell, B.Sc.	1948
Searle, Hartley Malcolm, B.A.	1932	†Shepherd, Alan David, B.E.	1962
B.Sc.	1935	Shepherd, David Wickham, M.B., B.S.	1938
†Searcy, Robert Philip, B.Ec.	1962	Shepherd, Elizabeth Miriam, B.A.	1947
Sears, Harold William, B.Sc.	1943	Shepherd, Geoffrey Lincoln, LL.B.	1930
Searson, William George, B.E.	1953	Shepherd, John Alfred, B.A.	1929
Seaton, Arthur John, B.E.	1960	Shepherd, John Henry, B.A.	1935
†Secombe, Margaret Joyce, B.A.	1962	M.Sc. (B.Sc., 1942)	1947
Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1959	†Shepherd, Kenneth John, B.E.	1961
Sedgwick, Antony William, B.A. (Birming- ham, 1955)	1959	Shepherd, Kenneth William, B.Ag.Sc.	1956
Seeary, Keith John, B.Tech.	1958	Shepherd, Peter Byron, M.B., B.S.	1957
Seedsman, Donald John, B.Sc.	1948	Shepherd, Reginald George, B.Sc.	1953
Seedsman, Kenneth Reginald, B.Sc.	1951	Shepherd, Scoresby Arthur, LL.B.	1958
Seekamp, Jack Victor, B.Ag.Sc.	1942	B.A.	1959
Seevaratnam, Joy Anandan, M.B., B.S.	1960	Shepley, Arthur Raymond, B.Sc.	1923
Seglenieks, Zigurds, M.B., B.S.	1955	B.E.	1924
Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1945	Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1956
Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1922	Shepley, Kathryn Florence, B.Sc.	1960
Seidler, Jan Hynek, M.Sc. (B.Sc., 1950)	1954	Shepley, Leslie Herbert Hamilton, LL.B.	1909
Seith, Wolfram Immanuel, M.B., B.S.	1949	†Sheppard, Graham Barry, B.Tech.	1962
Selge, Heather Bernice, B.A.	1959	Sheppard, Mark Yeatman, M.B., B.S.	1942
Sellers, Ada, B.A.	1928	Sheppard, Robert Alexander William, B.Sc.	1942
Selth, Donald Victor, B.A.	1949	†Sherwin, Carolyn Alice, B.Sc.	1961
Selth, Geoffrey Poole, B.A.	1951	Sherwin, Rolf Morton, B.Ec.	1960
Semler, Clifford Gerhardt, M.B., B.S.	1940	Shield, Judith Adelaide, B.A.	1948
†Semler, Janet Claire, B.Ec.	1961	Shierlaw, Howard Alison, LL.B.	1902
Semmens, Francis John, B.Sc.	1928	Shierlaw, Norman Craig, B.E.	1949
Semmler, Clement William, M.A. (B.A., 1936)	1938	†Shimmin, Edward William, B.E.	1963
Simple, Kenneth Hugh, B.A.	1950	Shinkfield, Anthony James, B.A.	1955
†Seneta, Eugene, B.Sc.	1963	Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1953
Senior, Judith Rae, B.Sc.	1955	Shinkfield, Marian Ruth, B.A.	1949
Senior, Lionel Rupert, B.Sc.	1929	Shinkfield, Roger John, B.E.	1954
B.A.	1947	Shirpurkar, Gajanan Ramchandra, M.Sc.	1949
Senior, Rex Clifton, M.B., B.S.	1952	Shoebriidge, Ivan, LL.B.	1929
Seppelt, Brian Maxwell, B.Sc.	1960	Short, David Charles, B.E.	1956
Seppelt, Ian Howe, B.Sc.	1932	Short, David Weddell, M.B., B.S.	1940
Seppelt, Yvonne Granville, M.B., B.S.	1946	Short, Kerwin Alfred Robert, B.E.	1927
Sergeant, Maxwell Stuart, LL.B.	1934	Short (nee Stephens), Lillian Mary Theak- stone, M.A. (B.A., 1907)	1938
†Seumahu, Eliza Stefanus, B.Tech	1961	Shortridge, Dennis Thorman, M.B., B.S.	1938
Sexton, Edgar Raymond, B.A.	1931	†Shoubridge, Rex, B.Tech.	1963
Sexton, Dean Jefferies, B.Tech.	1960	Shrowder, Ronald Louis, B.A.	1940
†Sexton, Robert Raymond, B.Tech.	1961	Shub, Samuel, M.B., B.S.	1953
Sexton, Robert Thomas, B.Tech.	1963	Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895
†Seymour, Anthony Elliot, M.B., B.S.	1963	Shutt, Donald Allen, B.Sc.	1959
Shakes, Brian Douglas, B.E.	1959	†Sibly, Murray Laurence, LL.B.	1961
Shakes, David James, M.B., B.S.	1955	Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950
Shanahan, Margaret Carmel, B.A.	1956	Sibthorpe, Gwenyth, M.B., B.S.	1946
Shanahan, Michael Francis, M.B., B.S.	1956	†Sickert, John William, B.Tech.	1963
Shanahan, Patrick William, M.B., B.S.	1928	Sidhu, Harcharan Singh, M.B., B.S.	1958
Shannon, James Stanley, B.Sc.	1949	Sieber, Clarence Bertram, B.E.	1926
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Siebert, Brian David, B.Sc.	1959
Shannon, Richard John, B.E.	1949	Siegele, John Louis, B.Sc.	1945
Shapley, William George, B.E.	1952	†Siegele, Roger Brian, B.E.	1962
Sharley, Aubrey Neville, B.E.	1954	Siegele, Trevor Martin, B.Ec.	1958
Sharley, Elma May, B.A.	1937	Siglin, Max, M.B., B.S.	1954
Sharma, Romesh, M.B., B.S.	1954	Sigmont, Victor Charles, B.A.	1950
Sharman, Arthur Edward, B.E.	1926	Siksna, Arnis, B.E.	1960
Sharman, Ethel Olive, B.A.	1915	Siliakus, Hendricus Johannes, B.A. (Birming- ham, 1954)	1960
Sharman, George, B.Ec. (B.Sc. (Econ.), Lon- don, 1950)	1963	Silsbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958)	1959
Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955	Silver, Graham Bindley, B.E.	1960
Sharp, Warren Player, B.Ec.	1954	Silver, Harold, B.E.	1956
Sharpe, Edmund John, B.E.	1932	Silver, Meredith May, M.B., B.S.	1957
†Shaughnessy, Peter Douglas, B.Sc.	1963	Silver, Malcolm David, M.B., B.S.	1957
Shaw, Alice Mary Stockdale, B.A.	1929	Silver, Phillip Laurence, B.E.	1957
Shaw, Allan, B.E. (B.M.E. (New York), 1953)	1962	†Sim, Cheok Lim, B.E.	1961
Shaw, James Barry, B.Sc.	1904	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Shaw, Joan Hambly, B.A.	1947	Simes, Irene Pamela, B.Sc.	1956
Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933	Simes, Robert Lawson, B.Tech.	1960
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955	Simm, John, B.E.	1956
Shaw, Peter John Randall, B.Sc.	1949	Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948
Shea, Brian Joseph, M.B., B.S.	1951	Simmonds, Douglas Thomas, B.Tech.	1958
Sheard, Joan Philippa, B.A.	1955	Simmonds (nee Cossich), Lorraine, B.A.	1957
Shearer, Clifford George Tregua, B.A.	1931	Simmonds, Rachel Elizabeth, B.A.	1948
B.Ec.	1937	†Simmons, David Winston, LL.B.	1962

† Not yet Members of the Senate.

Simmons, Donald William, B.Ec.	1949	†Smildzins, Astrida, B.Sc.	1963
Simmons, Geoffrey Clive, B.Sc.	1945	Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904)	1934
Simmons, Marie Yvonne, B.A.	1952	Smith, Adrian Milton, B.Ec.	1949
†Simon, Robin Alfred, B.E.	1962	Smith, Alfred Earle, LL.B.	1937
Simons, Alfred, M.B., B.S.	1942	Smith, Alick Hardy, B.A.	1948
Simons, Arthur Nicholas, B.Sc. M.B., B.S.	1951	Smith, Aloysius Daly Virgilius, M.B., B.S.	1928
Simons, David Henry, B.Ag.Sc.	1960	Smith, Annie Ethel, B.A.	1935
Simpson, Alfred Moxon, B.Sc.	1930	Smith, Barry Whitmore, B.A.	1956
Simpson, Brian Clifton, B.Sc.	1960	Smith, Brian Arnold, B.E.	1940
Simpson, Donald Allen, M.B., B.S.	1949	†Smith, Brian Ewan, B.E.	1962
Simpson, Frederick William, M.B., B.S.	1934	Smith, Brian Hartley, B.E.	1950
†Simpson, Helen Edith, B.Sc.	1943	Smith, Cairns William Villeneuve, LL.B.	1951
Simpson, Hugh Denney, B.Sc. B.A.	1920	Smith, Cecil Teesdale, M.A. (B.A., 1944)	1945
1921		Smith, Cedric Alfred Neal, B.Ag.Sc.	1933
1949		Smith, Daisy Maude, B.A.	1922
Simpson, Penelope Margaret, B.Sc.	1962	†Smith, David Aitchison, B.Sc.	1961
†Simpson, Richard Charles Longrigg, B.Tech.	1934	Smith, David Carswell, B.A.	1931
Simpson, Robert Allen, B.E.	1937	Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc., 1951)	1961
Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1948	Smith, David Gordon Law, M.B., B.S.	1953
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1950	Smith, David Nichol, D.Litt. (Camb.)	1951
Sims, Milton Reginald, B.D.S.	1933	†Smith, David Raymond, B.Ec.	1963
Sims, Roxey, B.A.	1937	Smith, Dene Martindale, B.D.S.	1955
Sims, William George, B.Sc.	1933	†Smith, Denys Jeffery, B.Sc.	1962
Sinclair, Walter Gordon Clyde, B.Sc.	1923	Smith, Donald Stevenson, M.B., B.S.	1957
Sinclair, William Malcolm, M.B., B.S.	1911	Smith (nee Gardner), Edith Josephine Viner, B.A.	1906
†Sincock, Janette Muriel, B.A.	1963	Smith, Edward Mackie, B.E.	1939
†Singh, Santokh Singh, M.B., B.S.	1959	Smith, Edward Rowland, B.Sc.	1942
Singh, Amrao, B.E.	1958	Smith, Ewart Austral, M.B., B.S.	1951
Singh, Narindar, M.B., B.S.	1958	Smith, Frank Berry, D.Sc. (B.Sc., 1903)	1937
Singh, Prithvipall, M.B., B.S.	1933	Smith, Frank Stewart, M.B., B.S.	1956
Singh, Rajendra, Ph.D.	1962	Smith, Gavin Viner, M.B., B.S.	1937
Singh, Rudra Pratap, Ph.D.	1961	†Smith, George Maxwell, B.A.	1961
†Singh, Thanwant, M.B., B.S.	1956	Smith, Gordon Wearing, M.B., B.S.	1925
†Singham, Ratnasingam Bala, M.B., B.S.	1961	Smith, Grahame John Cooper, B.Sc.	1961
Sinnott, Patricia Margaret, B.A.	1956	Smith, Graham Robert Hay, B.Tech.	1960
†Siregar, Panusunan, B.E.	1962	Smith, Harold Reid, LL.B.	1939
†Siregar, Togi, B.E.	1962	Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956
Sivour, Neil Graham, B.Tech. (surrendered 1962)	1958	Smith, Iris Eileen, B.A.	1930
B.App.Sc.	1962	Smith, Ivan Ford, B.A.	1953
Sizer, Marion Betty, B.Sc.	1954	Smith, Jack Edwin, B.Sc.	1934
†Skabe, Dace Anna, B.Sc.	1963	Smith, James Clyde, B.E.	1938
Skewes, Edward Foster, LL.B.	1917	Smith, James Wearing, B.E.	1924
Skinner, Brian John, B.Sc.	1950	Smith, Jennefer Anne Vickridge, B.Sc.	1960
Skinner, Cecil Reginald Allenby, B.E.	1949	Smith, Joan Frances, B.A.	1948
Skinner, Helen Catherine Wild, Ph.D.	1959	Smith, John Bertrand, B.Sc.	1943
Skinner, Sandford Lloyd, M.D. (M.B., B.S. 1958)	1962	Smith, John Fife, B.A.	1929
Skipper, John Stark, M.B., B.S.	1944	†Smith, John Henderson, B.Sc.	1962
*Skipper, Stanley Herbert, LL.B.	1901	Smith, John Henry, B.A.	1959
†Skopal, Karl John Matthew, B.D.S.	1962	Smith, John Jeffreys, LL.B.	1932
Skuce, Beryl Marion Rebecca, B.A.	1934	Smith, John Royle Casley, B.Sc. M.B., B.S.	1957
Sladdin, John Naulty, M.B., B.S.	1953	Smith, John Wasley, M.B., B.S.	1953
Slade, Antony Michael, M.A. (Bristol, 1961)	1962	Smith, John Wilton, M.Sc. (B.Sc., 1952)	1961
Slade, John Harman, M.B., B.S.	1946	Smith, Keith, LL.B.	1953
Slade, Kathleen Nellie, B.A.	1942	Smith, Keith Kenneth Masefield, B.A.	1942
†Slade, Phillip Garland, B.Sc.	1962	Smith, Keith Viner, M.B., B.S.	1939
Slarks, Geoffrey Herbert, B.E.	1954	Smith, Kenneth Wilmot Vernon, B.E.	1937
Slater, Allan, B.E.	1953	Smith, Louis Campbell, B.Ag.Sc.	1951
†Slater, John Mason, B.E.	1962	Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	1914
Slattery, Francis James, B.E.	1952	Smith, Lynden Rae Forbes, M.B., B.S.	1953
Slatting, Mary, B.A.	1931	Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	1958
Slaughter, Colin Sidney, B.E.	1954	Smith, Mary, M.A. (B.A., 1930)	1932
Slaytor, William John Hayden, B.A.	1959	Smith, Mary Theresa, B.A.	1935
Slee, Dugald Haughton, B.Sc. B.A.	1930	Smith, Maxwell Herbert, B.Sc.	1940
1932		Smith, Melva Estelle, B.A.	1942
1959		Smith, Mervyn Keith, M.B., B.S.	1944
Slee, Graham Haughton, B.E.	1950	†Smith, Michael Austin, B.A.	1961
Slee, Ian Bruce, B.A.	1959	Smith, Murray George, B.E.	1954
Slee, Walter Vernon, B.Sc.	1959	Smith, Pamela Darien, B.A.	1954
Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915)	1927	Smith, Peter Brian, M.B., B.S.	1954
Sleeman, William John, M.B., B.S.	1947	Smith, Primrose Mary Viner, B.A.	1940
Sleigh, Robert Carl, B.Tech.	1960	Smith, Raydon Berry, B.E.	1917
Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England)	1956	Smith, Raymond Thomas, B.Sc.	1932
Sloan, Ian Hugh, M.Sc.	1963	Smith, Rayner Whitmore, M.B., B.S.	1953
Sloman, Arthur Raymond, B.Sc.	1937	Smith, Richard Milne, M.Sc. (B.Sc., 1948)	1959
Smale, Thomas Charles, B.A.	1950	Smith, Richard Waldemar Law, B.A.	1955
Smallacombe, Roy Frederick, B.A.	1953	†Smith, Robert Frederick Ingram, B.A.	1963
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951	Smith, Rodney Burden, B.E.	1959
Smart, Lawrence Maxwell, B.D.S.	1950	Smith, Roger, M.E. (B.E., 1956)	1959
Smeaton, John Anthony, B.E.	1939	†Smith, Roger Francis Cooper, B.Sc.	1962
†Smeaton, John Richard, B.Ag.Sc.	1963	Smith, Ronald Norman, B.E.	1933
Smerdon, David Rutherford, B.D.S.	1951	Smith, Ross Charles, B.Tech.	1960
Smerdon, John Rutherford, B.D.S.	1946	Smith, Sheila Ann, M.A. (London, 1956)	1963
Smibert, George James, M.B., B.S.	1954		

* Deceased.

† Not yet Members of the Senate.

Smith, Sheila Isabel Wesley, B.A.	1944	Spitz, Francis, B.Ec.	1956
Smith, Sidney William, B.E.	1937	Spitz, Joan Ilma, B.Sc.	1955
Smith, Sinclair Joseph, M.B., B.S.	1955	†Spitzer, Alex George, M.B., B.S.	1962
Smith, Stuart Meldrum, B.A.	1949	Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	1949
Smith, Terence Norman, B.E. (Sydney, 1953)	1960	Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950)	1960
†Smith, Terence William, M.B., B.S.	1962	Spratt, James Arthur Henry, B.Sc. B.A.	1957
†Smith, Thomas George, B.Sc.	1962		1958
Smith, Vera Lisnagore, B.A.	1934	Sprigg, Patricia Amy, B.A.	1943
Smith, Walter Leonard, M.B., B.S.	1914	Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941)	1944
†Smith, William Frederick, B.Sc.	1962	Sprod, Thomas Daniel, B.A.	1951
Smith, William Irving Berry, B.Sc.	1940	Spruhan, Bridget Catherine, B.A.	1933
Smyth, Isabel Agnes Ekin, B.A.	1905	Spry, Alan Herbert, M.Sc. (B.Sc., 1949)	1951
Smyth, Michael Ewers Bayne, B.Sc.	1960	Spurling, Graham George, B.Tech.	1960
†Smyth, Robert John, B.Sc.	1963	Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945)	1953
Smyth, Robert Walter, Ph.D. (B.E., 1955)	1960	†Spurr, Pamela Joan, B.A.	1963
Snelling, Peter John, B.Tech.	1959	Spurr, Robert Thomas, B.Sc.	1948
Snewin, Gwendoline Marjorie Jean, B.A.	1925	Spurway, John Horton, M.B., B.S.	1951
Snewin, John Arthur, LL.B.	1951	Sreenevasan, Gopal Ayer, M.B., B.S.	1952
Snoswell, Alan Marlow, Ph.D. (B.Sc., 1956)	1961	Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941)	1955
Snow, Richard Adrian Wilfrid, B.D.S.	1940	Stace, John Hamilton, M.B., B.S.	1943
Snow, Wilfred Rippon, B.E.	1914	Stacey, Thomas Allen, B.Ag.Sc.	1959
†Snowden, Brian Newton, B.Arch.	1961	Stacy, John Michael Sholto, B.E.	1951
†Snowden, Janette Daphne, B.A.	1958	Stacy, Margaret Ruth, B.Sc.	1955
†Soar, Anthony James, B.E.	1961	†Stacy, Robert Paul, B.Sc.	1963
Soar, Dudley Turner, B.Ec.	1951	Staer, Peter Alfred, M.B., B.S.	1958
Sobey, Iris Beatrice, B.A.	1944	†Stafford, Roland Garry, B.Sc.	1961
Sobey, Reginald Roberts, M.B., B.S.	1942	Stagg, Ross Smith, B.E.	1955
†Sobolewski, John, B.E.	1962	Stahl, Margaret Anne, B.Sc.	1957
Soebroto, Oentoeng, B.Ec.	1955	Stain, Maxwell Wright, B.D.S.	1944
†Soh, Bee Koon, B.E.	1962	Staker, Robert, Ph.D. (B.E., 1956)	1961
†Sollas, William Johnston, D.Sc. (Cambridge)	1914	Stalley, Douglas John, M.Ec. (B.Ec., 1947)	1955
Solly, Janet Elizabeth, M.B., B.S.	1952	Stalley, Joan Charmian, B.Sc.	1955
Solly, William Warburton, B.Sc.	1948	Stam, Robert Edward, M.B., B.S.	1949
Solomon, George Herbert, M.B., B.S.	1927	Stanbury, Dennis George, M.B., B.S.	1957
Solomon, Helen Ethel, LL.B.	1935	Stanbury, Gretel Mary, M.Sc.	1962
Solomons, Barnet, M.B., B.S.	1922	Stanbury, Peter John Terence Cathcart, Ph.D. (B.Sc., 1957)	1963
Solomons, Phillip Roland Nathan, LL.B.	1960	Stanley, Allen David, B.E.	1949
Somerser, Forbes Mitchell, B.E.	1941	Stanley, Brian Charles, LL.B.	1953
Somerville, Archibald Shierlaw Ralph, LL.B.	1922	Stanley, Laurence John, LL.B.	1925
Somerville, Christopher Malcolm, B.D.S.	1952	Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	1954
Somerville, Dorothy Christine, B.A.	1918	†Stanley, Raymond John, B.Sc.	1961
LL.B.	1921	Stanton, Robert Anthony, B.D.S.	1950
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	1919	Stapledon, David Hiley, M.Sc. (B.Sc., 1951)	1962
Somerville, Sescia Lewin, B.A.	1916	Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	1959	Staples, Roy William Frederick, B.E.	1957
Soper, Graham Michael, B.Ec.	1957	Stark, Alan Edmund, B.A.	1954
Sorrell, Margaret Walter, B.A.	1925	†Staska, Zdenek, M.B., B.S.	1961
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	1959	†Statters, Robert Joseph, B.Tech.	1961
Soukup, Dorothy Mavis, M.B., B.S.	1951	Statton, Arthur Knight, B.Sc.	1922
Souter, Brian Heylen, B.D.S.	1956	Statton, Josiah William, B.Sc.	1921
Souter, Douglas Todd, M.B., B.S.	1949	Statton, Keith Jeffery, M.B., B.S.	1944
†Souter, Harry Standley, B.Tech.	1963	Staude, Clarence Herman, B.A.	1947
†Souter, Robert John de Neufville, M.B., B.S.	1923	Stead, Sydney Arnold, B.Sc.	1933
South, Peter Moncrief, B.Sc.	1956	Stearne, John McKenzie, B.Sc.	1958
°South, Ronald Robert, B.D.S.	1951	Steel, Barry John, B.Sc. (Western Australia, 1955)	1960
Southcott, Jean Wauchope, B.A.	1921	Steel, Roy Desmond Charles, B.Sc.	1958
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	1957	†Steel, Terence Melville, B.Sc.	1961
D.Sc.	1962	Steele, David Macdonald, M.B., B.S.	1909
Southcott, Rosemary Enid, B.Sc.	1954	°Steele, Donald Macdonald, M.B., B.S.	1919
Southgate, Deane Oakford, M.B., B.S.	1955	Steele, Ian Macdonald, M.B., B.S.	1948
Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920	Steele, John Kevin, B.Ec.	1954
M.S.	1925	Steele, Laurence Russell, B.E.	1940
†Southwood, Dean Milton, M.B., B.S.	1963	Steele, Robert Ernest, M.B., B.S.	1952
Southwood, Harry Milton, B.Sc.	1936	Steele, Robert Thornborough, M.B., B.S.	1942
M.D. (M.B., B.S., 1932)	1943	Steele (nee Morris), Shirley Victoria, LL.B.	1933
Southwood, Richard Taunton, M.B., B.S.	1956	†Steingraber, Anna Martha, B.A.	1962
Spain, Brian James, B.E.	1956	Steinle, John Richard, B.A.	1958
Spalvins, Janis Gunars, B.Ec.	1959	†Stenson, Lewis Murray Donaldson, B.Arch.	1963
Spark, Mavis Constance, B.A.	1947	Stepanovs, Leonids Lonka, M.B., B.S.	1958
Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952)	1962	Stephens, Charles Francis, B.Sc.	1897
Sparrow, Lorna Discombe, M.A. (B.A., 1930)	1934	Stephens, Charles George, M.Sc. (Tasmania, 1931)	1941
B.Ec.	1941	D.Sc.	1950
Sparrow, Maxwell Elliott, B.E.	1934	Stephens, Clement John, B.A.	1959
Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	1954	Stephens, Ella Mary, B.A.	1915
Speed, Isobel Ethel, M.B., B.S.	1957	Stephens, Eric Goyne, B.Sc.	1912
Speirs, William McMillan, B.A.	1949	Stephens, John Felton, M.Sc. (B.Sc., 1953)	1957
Spence, Colin Everett, B.A.	1958	Stephens, Peter Donald, B.Sc.	1959
Spence, David Norman, M.B., B.S.	1957	†Stephens, Lawrence John, B.A.	1962
Spence, Robin Douglas James, M.B., B.S.	1957	Stephens, Richie Brian, B.Sc.	1951
Spencer, Donald, Ph.D.	1953	Stephens, Sylvester Kevin, B.E.	1951
Spencer, Leslie Brian, B.Sc.	1951		
Sperber, Joan Ilma, B.Sc.	1955		

° Deceased.

† Not yet Members of the Senate.

Stephenson, James Lewis, B.Ec. - - - -	1944	Strange, Malcolm Leslie, M.A. (B.A., 1939)	1951
Stephenson, John Roy Becket, B.A. - - - -	1952	Strange, Ronald Glen, B.Ec. - - - -	1956
Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943	Stratmann, Paul Franz, M.B., B.S. - - - -	1933
Stephenson, Thomas Howard, B.E. - - - -	1933	Strawbridge, Albert Gordon, B.A. - - - -	1951
Stern, Leon Max, M.B., B.S. - - - -	1956	Strehlow, Theodor Georg Heinrich, M.A.	
† Stern, Walter Ralph, Ph.D. (M.Sc.Agr.,		(B.A., 1931) - - - -	1938
Sydney,) - - - -	1962	Streich, Carl Ivo, M.B., B.S. - - - -	1919
Steven, Ian Matheson, M.B., B.S. - - - -	1956	Strempel, Allan Arthur, B.E. - - - -	1952
† Stevens, Alice Ceredwyn, B.Sc. - - - -	1963	Stretton, Helena Margaret, B.Sc. - - - -	1960
Stevens, Edgar Loveday, LL.B. - - - -	1919	Stretton, Hugh, M.A. (Oxford, 1952)	1955
Stevens, Iris Eliza, LL.B. - - - -	1960	† Strods, Inta Maria, B.A. - - - -	1962
Stevens, John Alfred Fortington, B.D.S. - -	1948	Stribley, Edwin John, M.A. (B.A., 1920)	1925
Stevens, John Arnold, B.E. - - - -	1958	Stribling, Ada Florence, B.A. - - - -	1925
† Stevens, Julia Loveday, B.A. - - - -	1962	† Strickland, Robert Geoffrey, M.B., B.S. -	1961
† Stevens, Murray Alan, B.Tech. - - - -	1962	Stuart, Cameron Kingston, LL.B. - - - -	1956
Stevens, Richard Barrymore, B.E. - - - -	1952	B.A. - - - -	1963
Stevens, Robert Peter, B.E. (Interim B.Sc.		Stuart, Noel Harry, B.Sc., B.E. - - - -	1928
(Eng.), 1942, surrendered) - - - -	1945	Stubber, Leo Anthony, M.B., B.S. - - - -	1953
B.Ec. - - - -	1960	Stubbs, Ruth Margaret, Mus.Bac - - - -	1959
Stevens, William Edward, B.E. - - - -	1952	Stuckey, Edward Joseph, B.Sc. - - - -	1895
Stevenson, Arthur James, B.E. - - - -	1937	M.B., B.S. - - - -	1903
† Stevenson, Derrance Redford, LL.B. - - -	1962	Stuckey, Francis Seavington, B.Sc. - - - -	1896
Stevenson, Donald George, M.Sc. (B.Sc.,		Sturmey, Stanley George, M.Ec. (B.Ec., 1950)	1953
1950) - - - -	1952	† Subagio, Nitipustoko, B.E. - - - -	1963
Stevenson, Frances Aimee, B.A. (Tasmania,		† Sudjono, B.Ag.Sc. - - - -	1961
1923) - - - -	1926	Sudholz, Herbert Frederick, B.D.S. - - - -	1930
Steward, Harold Dunning, M.B., B.S. - - -	1951	† Sugars, Kingsley John, B.Sc. - - - -	1962
Stewart, Alastair Keith McKellar, M.B., B.S.		Sugg, Bentham Horace, B.A. - - - -	1934
Stewart, Colin Gore, B.A. - - - -	1914	† Sulan, Charles, B.Ec. - - - -	1961
Stewart, Donald Peter Sinclair, B.Ec. - - -	1952	† Sullivan, Denis Raymond, B.A. - - - -	1963
Stewart, Edgar Douglas James, B.E. - - -	1947	Sullivan, Margaret Rendle, B.A. - - - -	1943
Stewart, Geoffrey Daniel, M.B., B.S. - - -	1957	Sullivan, Maxwell Douglas, B.Ec. - - - -	1951
Stewart, Henry William James, B.E. - - -	1952	Sullivan, Phillip Grose, B.Sc. - - - -	1942
Stewart, John Innes Mackintosh, M.A.		Summers, Frank Henry, B.Sc. - - - -	1923
(Oxford, 1935) - - - -	1935	Summers, Graham Frank, B.Tech. - - - -	1960
Stewart, John Samuel, M.B., B.S. - - - -	1939	Sumner, Donald Ernest Wesley, M.B., B.S.	1952
Stewart, John Stewart McKellar, M.B., B.S.		Sumner, Donald James Robert, M.B., B.S. -	1922
Stewart, Kenneth Duff, B.Ec. - - - -	1958	Sumner, Graham Edwin, M.B., B.S. - - - -	1955
Stewart, Margaret McKellar, B.A. - - - -	1937	† Sunarjana, Sutan Awaludin, B.E. - - - -	1963
† Stewart, Paul Rigby, B.D.S. - - - -	1962	Surna, Nemira Ona, M.B., B.S. - - - -	1958
Stewart, Vernon Allan Fergusson, M.B., B.S.		Susman, Shirley Jean, B.Sc. - - - -	1947
Stewin, Carl Ronald, B.E. - - - -	1955	Suter, Alfred Charles, B.Sc. (Liverpool, 1910)	1912
Stidson, Matthew Alfred Clement, B.Sc. - -	1936	Sutherland, Geoffrey Stafford, B.E. - - - -	1956
† Stipniëks, Andrejs Pauls, LL.B. - - - -	1963	Sutherland, Hamilton D'Arcy, M.S. (M.B.,	
† Stipniëks, Maija Alma, B.D.S. - - - -	1961	B.S., 1937) - - - -	1944
Stirling, Kenneth George, B.Ec. - - - -	1960	Sutton, David John, Ph.D. (B.Sc., 1948)	1954
Stoate, Theodore Norman, D.Sc. (M.Sc.,		Sutton, Jeffery Robert Cost, B.Tech. - - - -	1958
1934) - - - -	1953	Sutton, Laura Margaret, B.A. - - - -	1953
† Stoba, David James, B.App.Sc. (B.Tech.,		Sved, John Andrew, B.Sc. - - - -	1960
1962, surrendered) - - - -	1963	Sved, Marta, B.Sc. - - - -	1956
† Stobie, Michael John, B.E. - - - -	1962	† Svencis, Francis, B.Ec. - - - -	1961
† Stobie, Peter James, M.B., B.S. - - - -	1952	Swaine, Cyril David, M.B., B.S. - - - -	1942
† Stock, Beresford Hamam, B.Sc. - - - -	1963	Swan, Alan Keith, B.A. - - - -	1943
Stock, Murray Clifford, B.Tech. - - - -	1958	Swan, Charles Spencer, M.D. (M.B., B.S.,	
B.Ec. - - - -	1962	1935) - - - -	1941
Stockbridge, Edgar Lambert, B.E. - - - -	1924	D.Sc. - - - -	1947
Stockbridge, John Keith, M.B., B.S. - - -	1953	Swan, Hilda Mary, B.A. - - - -	1940
Stockley, Henry William, M.B., B.S. - - -	1954	† Swanbury, Peter Vernon, B.A. - - - -	1961
Stodart, Barbara Joan, B.A. - - - -	1953	Swann, Eric John, M.B., B.S. - - - -	1924
Stodart, Donald McLean, B.E. - - - -	1951	† Swann, John Christopher, B.Sc. - - - -	1961
Stoddart, Harold William Downing, M.B.,		Swann, Mary Caroline, B.Sc. - - - -	1951
B.S. - - - -	1911	Swanson, Albert Frederick Daniel, B.A. - - -	1940
Stokes, Anne, B.Sc. - - - -	1943	Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932)	1936
Stokes, Charles Herbert, B.A. - - - -	1956	Swayne, Joseph, B.A. (National, Ireland,	
Stokes, John, M.A. (B.A., 1947)	1948	1915) - - - -	1921
Stokes, John Barrymore, M.B., B.S. - - -	1951	Sweatman, Thomas Rex, M.Sc. (B.Sc., 1954)	1961
Stokes, John Lewis, M.B., B.S. - - - -	1941	† Sweeney, Donald Ballantyne, M.B., B.S. -	1963
Stokes, Judith, B.A. - - - -	1947	Sweeney, Gordon, B.E. - - - -	1924
Stokes, Laura Joan Hartley, B.Sc. - - - -	1940	Sweeney, James Gladstone, M.B., B.S. - - -	1915
† Stokes, Roger David, B.E. - - - -	1962	Sweeney, John Gladstone, M.B., B.S. - - -	1951
† Stoll, Dorothee Friederike, B.A. - - - -	1963	Sweeney, Mary Ryan, B.A. - - - -	1932
Stoll, Ruth Sophie, B.A. - - - -	1955	Sweeney, Murray Frank, B.E. - - - -	1950
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc.		† Sweeney, Patrick James, B.Sc. - - - -	1962
(Eng.), 1947, surrendered) - - - -	1949	Sweeney, Robert James, M.B., B.S. - - - -	1953
Stolz, Kate Sophie, B.A. - - - -	1909	Sweeney, Trevor John, B.Tech. - - - -	1958
† Stone, Brian Francis, B.Arch. - - - -	1963	Sweetapple, George Frederick, B.Sc. - - - -	1945
Stone, Brian James, B.Sc. - - - -	1959	Swift, Sir Brian Herbert, M.B., B.S. (Cam-	
† Stone, Peter Clargo, B.E. - - - -	1962	bridge, 1916) - - - -	1920
Storch, Wilhelm Murray, B.A. - - - -	1938	M.D. (Cambridge, 1936)	1936
† Storer, Brian Thomas, M.B., B.S. - - - -	1962	Swift, Harry Houghton, B.E. - - - -	1915
Storer, Gerald Burdon, B.Sc. - - - -	1952	Swift, Vera May, B.A. - - - -	1935
Storer, Laurel Jean, B.A. - - - -	1937	Swiggs, Francis, M.B., B.S. - - - -	1954
Storer, Robin George, B.Sc. - - - -	1959	† Sykes, Leon Turnbull, B.Tech. - - - -	1962
Story, Gordon Malcolm, B.E. - - - -	1950	Sykes, Meredyth Elizabeth, B.A. - - - -	1960
Stott, Douglas Wallace, B.Sc. - - - -	1958	Sylow, Barbara Elizabeth Ruth, B.Sc. - - -	1960
Stoutjesdijk, Albert Diederik Johan, M.B.,		Symes, William David, M.B., B.S. - - - -	1952
B.S. - - - -	1953	Symon, Charles Craven, B.Sc. - - - -	1955
Strachan, James Charles Power, M.B., B.S. -		Symon, Charles James Ballarat, M.A.	
Strange, Audrey Mavis, B.A. - - - -	1944	(Oxford, 1919) - - - -	1932

† Not yet Members of the Senate.

Symon, David Eric, B.Ag.Sc.	1950
† Symon, Robert Josiah, B.Tech.	1962
Symonds, Edwin Joseph Truman, B.E.	1926
Symonds, Edwin Malcolm, M.B., B.S.	1958
Symonds, George Burnett Lionel, B.E.	1919
Symonds, John Lloyd, B.Sc.	1944
Symonds, Josephine Beryl, B.Sc.	1960
† Symonds, Phillip Jeffrey, B.Sc.	1963
Symonds, Ruth Caust, B.A.	1950
Symonds, Wybert Milton Caust, B.Sc.	1925
Symons, Clifford Thomas, M.A. (B.A., 1929)	1936
Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Symons, Eric Lindsay, M.B., B.S.	1917
Symons, Frederick John Walter, B.E.	1960
Symons, Frederick William, B.E.	1926
Symons, Geoffrey David, B.Sc. B.A.	1959
Symons, Gordon Joseph, B.A.	1960
Symons, Jack Gilroy, B.E.	1958
Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953)	1936
Symons, Lloyd Alfred Grigg, B.A.	1960
Symons, Margaret Anne, B.A.	1928
Symons, Mark Gail, B.E.	1957
Symons, Peter Norman, B.E.	1959
Symons, Reginald Albert, LL.B.	1957
Symons, Stuart Barry, B.D.S.	1927
Szekeres, Peter, B.Sc.	1959
	1960
T	
† Tabor, Adrian, B.Sc.	1962
† Tabor, Barbara, B.A.	1962
Tauber, Robert Lindsay, B.Sc.	1951
† Taib, Abdul, bin Mahmud, LL.B.	1961
Tait, Maurice Hector, B.Tech.	1958
Tait, Robert William Francis, Ph.D. (Birmingham, 1943)	1954
Talbot, James Lawrence, M.Sc. (M.A., California, 1957)	1954
Tam, Chat Tim, M.E. (B.E., 1959)	1959
Tamblyn, Eric Joseph, M.B., B.S.	1962
Tamlin, Eric Arthur, B.Sc.	1936
† Tan, Bok Kim, Ronald, B.E.	1956
Tan, Chat Hong, B.E.	1963
Tan, Eng Seong, B.E.	1959
Tan, Kong Chin, M.B., B.S.	1961
† Tan, Kuan Teik, B.E.	1959
Tan, Loraine Soo Tian, M.B., B.S.	1962
† Tan, Sock Kia, B.A.	1955
† Tan, Yee Thong, B.Sc.	1961
Tang, Teng Kooi, M.B., B.S.	1963
Tanko, Robert Seymour, B.D.S.	1958
Tanner, Garnet Albert, B.E.	1951
Tanner, George Pelham, B.A. (Oxford, 1908)	1932
Tansell, Robert Cameron, B.E.	1952
† Tanzer, Christian Ignatius, B.Sc.	1912
† Taplin, David Elliott, B.Ag.Sc.	1963
† Taplin, Roger Eaton, B.Sc.	1963
Tapp, Adrian Lynda, B.A.	1962
Tapp, William Pelton, B.E.	1928
† Tapping, Jeffrey, B.Sc.	1950
Tardrew, Philip Leslie, B.Sc.	1963
Tarrant, Frederick Martin, B.Tech.	1945
Tassie, Gemmel, M.B., B.S.	1958
Tassie, Gemmel Wilson, M.B., B.S.	1926
Tassie, Jean Reid, B.A.	1955
Tassie, John, B.E.	1914
Tassie, Joyce Gemmel, B.Sc.	1960
Tassie, Judith Anne, M.B., B.S.	1940
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered)	1957
Tattersall, Ila, B.A.	1918
† Tavender, Roy Malcolm, B.Tech.	1944
Tay, Sin Yan, B.E.	1962
Taylor, Andrew Leslie, B.Ag.Sc.	1959
Taylor, Brian Breslin, B.E.	1960
Taylor, Brian Kenwyn, B.Ag.Sc.	1952
Taylor, Colin Stephen, B.E.	1960
Taylor, Darnley Harry Gilmore, B.Ec.	1948
† Taylor, David Hugh, LL.B.	1958
Taylor, David John, M.Sc. (B.Sc., 1956)	1961
Taylor, Donald William, B.E.	1963
Taylor, Douglas McLeod, B.A.	1931
Taylor, Geoffrey Hamlet, M.Sc.	1951
† Taylor, Graham Frank, B.Sc.	1953
Taylor, Herbert Richard, B.A.	1961
Taylor, James Bruce, B.Ag.Sc.	1932
	1959
Taylor, Jennifer Ann, B.A.	1953
Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923)	1953
Taylor, Keith Clarence, B.E.	1957
Taylor, Kevin Lyle, B.Sc.	1950
Taylor, Lindsay Bairstow, B.Sc. (Eng.)	1942
Taylor, Michael Gleeson, M.D. (M.B., B.S., 1951)	1956
Taylor, Reginald Morton, M.Sc. (B.Sc., 1951)	1962
Taylor, Robert Herbert George, B.D.S.	1929
Taylor, Robert John, LL.B.	1951
† Taylor, Robert William, B.Sc.	1963
Taylor, Rosemary Joan, B.A.	1960
† Taylor, Trevor Leon, M.B., B.S.	1962
Taylor, Trevor Roy, LL.B.	1932
† Taylor, William Fletcher, LL.B.	1963
Teesdale, Verner, M.B., B.S.	1954
Teesdale-Smith, Malcolm, LL.B.	1954
Teh, Peng Heng, M.B., B.S.	1955
Tejwani, Khubo Gianchand, Ph.D.	1952
Telfer, Douglas Ivan, B.A.	1945
Temby, Allen Christopher, B.E.	1960
Templer, Jeffrey Norman, B.E.	1941
Tennant, Maxine Rita, M.B., B.S.	1951
† Teo, Chiang Boon, B.E.	1961
Tech, Hoon Leong, B.Ec.	1957
Terman, Verna Joyce, B.A.	1933
Terrell, Richard Deane, B.Ec.	1958
* Terrill, Frederick Edward, M.B., B.S.	1922
Terrill, Samuel Ernest, B.Sc.	1927
† Terry, Athalie May, B.A.	1961
Tester, Donald Kenneth, B.Sc.	1951
Teusbner, Peter John Osmond, B.Sc.	1960
Teusner, Berthold Herbert, LL.B.	1931
† Teusner, Roger Erskine, LL.B.	1962
Teusner, Terence Theodor, M.B., B.S.	1959
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947
Texler, Eva, M.B., B.S.	1942
Texler, Karl Christopher, M.B., B.S.	1959
The, Gregorius Maria Swie Siong, B.E.	1960
Theng, Kian Goan, Benny, B.Ag.Sc.	1960
Thiel, Colin Victor, B.Sc.	1949
Thiele, Colin Milton, B.A.	1941
Thiele, James Barnabas, Mus.Bac.	1952
† Thiele, Janet Rosemary, B.A.	1963
† Thiele, Wayne Kerwin, B.Sc.	1961
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935)	1938
Thiselton, Malcolm Robert, B.Tech.	1960
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Thomas, Alfred John Thornley, M.B., B.S.	1949
Thomas, Arthur Robin, B.E.	1936
Thomas, Brian Gordon, M.B., B.S.	1947
Thomas, David Austin Grenfell, LL.B.	1931
Thomas, David John Saint, B.E.	1932
Thomas, David Westwood, B.Med.Sc.	1963
Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955
Thomas, Harold Davey, B.E.	1935
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933)	1949
Thomas, Jack, B.Sc.	1934
Thomas, Jeffrey Josiah, B.Sc. (Eng.)	1945
Thomas, Jennifer Mary, B.A.	1960
Thomas, John Angas, B.Sc.	1948
Thomas, John Baden, B.Tech.	1960
Thomas, Josephine Anne, B.Sc.	1960
Thomas, Joyce Amy, B.Sc.	1949
Thomas, Kenneth Donald, B.A.	1953
Thomas, Kenneth Hewitson, B.Ec.	1953
† Thomas, Lindsay, B.Sc.	1962
Thomas, Margaret Helen, B.A.	1934
Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927
Thomas, Milton, B.Sc.	1950
Thomas, Richard Grenfell, B.Sc.	1924
Thomas, Trevor Wilson, B.A.	1939
Thomas, Walter Warren, B.E.	1951
† Thomas, Wendy Elizabeth, B.Sc.	1962
Thomas, Wesley James, B.Sc.	1952
Thomas, William Lancelot, B.A.	1925
Thompson, Aileen Joyce, B.Sc.	1950
Thompson, Alexander McQueen, M.B., B.S. (1947)	1937
Thompson, Anthony George, B.E., (N.Z.)	1959
Thompson, Arthur Melville, B.Sc.	1936
Thompson, Basil Clive, B.E.	1955
Thompson, Bryan William, M.B., B.S.	1957
Thompson, Douglas Norman, B.Sc.	1949

* Deceased.

† Not yet Members of the Senate.

Thompson, Frank Howard, B.A.	1955
Thompson, Frederick Verner, B.Sc. (Eng.)	1948
Thompson, Jenn Fleming, B.A.	1928
Thompson, Jessie Mildred, B.A.	1939
Thompson, John Evelyn, M.B., B.S.	1955
Thompson, John Heath, B.Tech.	1963
Thompson, John Robert, M.B., B.S.	1938
Thompson, John Ronald, B.D.S.	1941
Thompson, Leonard Arthur, B.D.S.	1950
Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958
Thompson, Maxwell Andrew, B.E.	1952
Thompson, Noel, B.Sc.	1954
Thompson, Rex Palmerstone, B.Sc.	1948
Thompson, Thomas Alexander, B.Sc.	1896
Thompson, William, B.A.	1936
Thompson, William Gordon, LL.B.	1959
Thomson, Beresford John Rodger, B.D.S.	1957
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, Gerald Peter Debussy, M.B., B.S.	1961
Thomson, Ian Alexander, B.Tech.	1958
Thomson, James Donald, LL.B.	1963
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, Choe Loen Raymond, B.E.	1958
Thong, Wing Yip, Albert, B.E.	1962
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
Thrower, Dalton Craig, B.Tech.	1961
Thrum, Edward Allen, B.Sc.	1921
Thrush, Harry Clifford, B.A.	1924
Thwaites, Neil Harry, B.Tech.	1915
Thyer, Alexander Maitland, M.E. (B.E., 1924)	1960
Thyer, Frederick Lewis, M.B., B.S.	1936
Thyer, George Maitland, B.E.	1923
Thyer, Robert Francis, B.Sc.	1962
Tideman, Arthur Frederick, B.Ag.Sc.	1932
Tideman, Frederick William, B.E.	1953
Tideman, Margaret Beryl, B.A.	1925
Tidemann, Ernest Phillips, B.D.S.	1963
Tidswell, Bruce Allison, B.D.S.	1933
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919)	1955
Tilbrook, Norman Keith, B.E.	1922
Tilbrook, Percival Montrose Torr, B.A.	1949
Tilemann, Rosemary, B.A.	1954
Till, Maxwell Roy, B.Ag.Sc.	1957
Tiller, Kenneth Matthew John, B.Sc. B.A.	1949
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1955
Tillett, Peter Irwin, B.Sc.	1957
Tillett, Rodney Colin, B.E.	1956
Tilley, Cecil Edgar, B.Sc.	1963
Tilly, Graham John, B.Sc.	1961
Timcke, Edward Waldemar, B.A.	1914
Tindale, Beryl Rae, B.A.	1957
Tindale, John, B.Sc.	1917
Tindale, John James, B.Ag.Sc.	1920
Tindale, Norman Barnett, B.Sc.	1948
Tindall, Colin James, LL.B.	1962
Tindall, Ronald Graham, B.Sc.	1961
Tipping, Richard Michael, M.B., B.S.	1932
Tiver, Athol, B.Ag.Sc.	1957
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1956
Tiver, Peter Graham, B.A.	1953
Tjver, Ronald Wayland, B.D.S.	1956
†Tjokrosbroto, Raden Heroetomo, B.App.Sc.	1947
Todd, Arnold Charles, B.E.	1962
Tob, Kim Thye, B.E.	1943
Tohver, Ilmar, B.D.S.	1963
Tolcher, Vernon Arthur, B.E.	1955
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1958
Tolmie, Ronald Philip, B.E.	1949
†Tomlin, John Anthony, B.Sc.	1957
Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1963
Tomlinson, Betty Mary, B.A.	1960
Tomlinson, William Frederick, M.B., B.S.	1939
Tonkin, Aubrey Douglas, M.B., B.S.	1939
Tonkin, David Oliver, M.B., B.S.	1951
Tonkin, Donald Geoffrey, B.E.	1953
Tonkin, Mary Elizabeth, B.A.	1953
Tonkin, Raymond George, M.B., B.S.	1944
†Tonkin, Verna Iris, B.Sc.	1937
Tonkin, William Richards, M.B., B.S.	1961
Toomey, Derek Morton, B.A. (Manchester, 1958)	1921
Toop, Beryl Rachel, B.Sc.	1961
Toovey, Douglas Reginald, B.Ec.	1959
Tooze, Mervyn John, B.Sc.	1957
Topliss, John George, M.B., B.S.	1947
Topperwein, Irwin, M.A. (B.A., 1922)	1950
Torr, Shirley Constance, B.A.	1924
Torr, Thomas Harold, M.B., B.S.	1925
Torr, Thomas Ladyman, M.B., B.S.	1944
Tostevin, Alfred, M.B., B.S.	1953
Tostevin, Graham Mark, M.E. (B.E., 1953)	1953
Tothill, Judith Windebank, B.A.	1957
†Tottman, Vance Denzil, M.B., B.S.	1953
Toussaint, Rose Evangeline, M.B., B.S.	1961
Townsend, Douglas George, M.B., B.S.	1953
Townsend, Herbert Louis, B.A.	1956
Townsend, Norman Charles Wilson, M.B., B.S.	1941
Tozer, Ross Leonard, M.B., B.S.	1956
Tracey, Alan James, B.Tech.	1957
Traeger, Keith Terence, B.A.	1959
Tratman, Frank, M.D. (London, 1892)	1949
Traub, Max, M.B., B.S.	1899
Trauer, Robert, M.B., B.S.	1952
Travers, John Leo, LL.B.	1952
†Travers, Paul Brendon, B.Tech.	1920
Treasure, Eunice Jessie, B.A.	1963
Treasure, Valda Beth, B.A.	1944
Trebilcock, John Bungey, M.B., B.S.	1951
Tregenza, Alan Arthur, B.A.	1953
Tregenza, Jean Florence, B.A.	1949
Tregenza, John Miller, M.A. (B.A., 1953)	1955
Tregenza, Sydney Lloyd, B.A.	1956
Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1953
Tregonning, Donald John Kennedy, M.B., B.S.	1951
Tregonning, Kennedy Gordon Philip, B.A.	1949
Treleaven, Walter, B.Sc.	1950
Treloar, Albert Edward Coran, LL.B.	1893
Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1927
Treloar, Gwenyth Florence, B.A.	1959
Treloar, Hugh Kingsley, LL.B.	1960
Treloar, John Harvey, B.E.	1951
Treloar, Lionel Hammond, LL.B.	1954
Treloar, Ronald William, B.Ec.	1957
Tremain, Allen Maurice, B.Sc.	1957
Trembath, Frank Everard, M.B., B.S.	1943
Tremlett, Ian Walter, B.Ec.	1944
Trendall, Arthur Dale, D.Litt. (New Zealand, 1936)	1958
Trenerry, Roger, B.E.	1960
Trenorden, Ailsa Gwynne, B.Sc.	1948
Trenorden, Glenwynne Eva, B.A.	1952
Trenorden, James Henry, B.A.	1934
Trestrail, Hugh Alexander, B.E.	1945
Trethewie, Everton Rowe, M.D. (Melbourne, 1939)	1937
†Trett, Victor, B.Sc.	1944
Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1963
Triggs, Kathleen Dorothy, B.A.	1958
Trimmer, Ray Brian, B.E.	1945
Triver, B.Ec.	1949
Trist, Alan Roberts, B.Sc.	1961
Trott, Arthur Keith, B.D.S.	1926
Trott, Dudley William, B.D.S.	1939
Trott, John Richard, B.D.S.	1939
Trott, Lyndon Rodney Eyre, B.E.	1950
Trotter, Frederick Lionel, B.D.S.	1950
Trotter, Frederick Lionel, B.D.S.	1941

† Not yet Members of the Senate.

Trudinger, Leonhard Paul, B.A. - - - -	1957
Trudinger, Malcolm August, M.B., B.S. - -	1927
Trudinger, Martin, B.A. - - - -	1912
Trudinger, Phillip 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
Truran, John Maxwell, B.A. - - - -	1963
Truscott, Edward Glen, B.E. - - - -	1961
Tsanganis, George Paul, B.A. - - - -	1959
Tuan, Nguyen Anh, B.E. - - - -	1963
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) -	1958
B.A. - - - -	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, Robert, B.A. - - - -	1961
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
Tugwell, Beverley Jean, B.Sc. - - - -	1963
Turnbridge, 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.E. - - - -	1947
Turner, Edward Robert, B.E. - - - -	1932
Turner, Elizabeth Rosemary, B.A. - - - -	1960
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
Twelftree, Robert Spencer, B.Sc. - - - -	1963
Twidale, Charles Rowland, Ph.D. (McGill, 1957) - - - -	1960
Twist, Raymond Frank, B.Sc. - - - -	1960
Twopeny, John Richard Nowell, B.E. - - -	1952
Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - - -	1905
†Tye, Wan Pin, B.Sc. - - - -	1963
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	
†Ulrichs, Jolanta, B.A. - - - -	1963
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, Roumualdas, 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 Bronswyk, Wilhelm, B.Sc. - - - -	1963
†Vanderhoek, Gilah Chaja, B.A. - - - -	1963
†Van der Penne, Hubertus Marinus Cornelis Jozef, B.Tech. - - - -	1963
Van Deth, Johannes Hendrikus Martinus Godfried, M.D. (Amsterdam, 1939) - - -	1961
†Van Dongen, Robert, B.Med.Sc. - - - -	1963
Van Gelder, Malcolm Montague, B.Tech. -	1958
Van Kapel, 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
Vann Zyl, François David Wallace, B.Arch. (Cape Town, 1952) - - - -	1962
Varley, Bryon Charles, B.Tech. - - - -	1960
†Varoneckas, Ona Roma, M.B., B.S. - - - -	1962
†Vasudevan Menon, Cherubala Pathayap- purayil, 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 Dean, M.B., B.S. - - - -	1963
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
†Venz, Walter Ernest, B.A. - - - -	1961
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
†Verheyen, Virginia Fay, B.A. - - - -	1963
Verrall, Lois Rita, B.A. - - - -	1956
Verrall, Raymond Wilfred, B.A. - - - -	1937
Verrall, Roswell Victor, B.E. - - - -	1947
†Versans, Imants, B.Sc. - - - -	1963
†Vicharangsana-Ka, Tanoo, B.E. - - - -	1961
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. - - - -	1953
†Wilkins, Alberts, B.A. - - - -	1961
Vincent, David James, B.D.S. - - - -	1949
Vincent, Francis William, B.E. - - - -	1950
†Vincent, Graham Frank, B.Tech. - - - -	1962
†Virgo, David, B.Sc. - - - -	1961
Vitolins, Maija Irena, B.Sc. - - - -	1959
†Vitols, Baiba, B.Sc. - - - -	1963
Vivian, Arthur Brian, M.B., B.S. - - - -	1950
†Vladcoff, Adrian Nicholay, B.E. - - - -	1962
B.Sc. - - - -	1963
†Vlahakis, Emmanuel, M.B., B.S. - - - -	1962
Vnuk, Frantisek, B.Sc. - - - -	1955
B.A. - - - -	1957
Vockler, John Charles, B.A. (Queensland, 1953) - - - -	1961
Vogt, Brian Joseph, B.E. - - - -	1953
Vogt, Ronald Walter, B.Sc. (Eng.) - - - -	1947
†Von der Borch, Adrian Alhard, M.B., B.S. -	1962
Von der Borch, Christopher Carl, Ph.D. (B.Sc., 1957) - - - -	1963
Von der Borch, Rudolph Hermann, M.B., B.S.	1926
†Von der Borch, Sandra Marie, B.Sc. - - -	1961
†Von Doussa, John William, LL.B. - - - -	1962
†Vorbach, Adrian Neil, M.B., B.S. - - - -	1961
†Vorbach, Ernest Athol, M.B., B.S. - - -	1961
Vowels, 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
†Vu, The Bao, B.E. - - - -	1962
†Vu, Quy Ky, B.E. - - - -	1963
Vyse, Mignon Rosina, M.B., B.S. - - - -	1959

* Deceased.

† Not yet Members of the Senate.

W	
Wace, Nigel Morritt, Ph.D. (Belfast, 1961)	1962
Wache, Ethel Mabel, B.A.	1939
Waddy, Brian Cadwallader, M.B., B.S.	1952
Waddy, John Lane, M.B., B.S.	1948
Wade, Keith Oliver, B.Sc.	1959
Wade, Mary Julia, Ph.D. (B.Sc., 1951)	1963
Wadhams, Elizabeth Jean, M.A. (B.A., 1953)	1959
Wadsworth, Bernard Francis Peter, M.E. (B.E., 1956)	1954
Waechter, Raymond Trevor, B.E.	1960
Wagner, Franz William, B.Sc.	1957
Wagner, Barbara Joan, B.D.S.	1961
Wagner, Franz William, B.Sc.	1942
Wagstaff, Rosemary, B.A.	1928
Wahlquist, Eric Gilbert, B.A.	1961
Wainwright, Mark Lawrence, B.Med.Sc.	1951
Wainwright, Charles Leonard, B.Sc.	1963
Wait, Marthe Lucy, M.A. (B.A., 1920)	1900
Wait, Yvonne Lois, M.A. (B.A., 1926)	1922
Waite, Jack Francis Enos, B.A.	1932
Waite, Jill Shergold, B.A.	1926
Waite, Peter John, B.Sc.	1936
Wake, Roderick Barry, B.E.	1962
Wakeford, Sidney Claud, B.A.	1951
Waldeck, Reginald David Chapple, B.A.	1937
Walker, Alan Philip, B.A.	1950
Walker, Alexander John Kerry, B.Ag.Sc.	1961
Walker, Christina Annie, LL.B.	1939
Walker, David John, B.Arch.	1935
Walker, Donald Campbell, M.B., B.S.	1963
Walker, Ellen Lawson, B.Sc.	1962
Walker, Gilbert John, B.A.	1899
Walker, Gordon Harold, B.E.	1940
Walker, Graham Thomas, B.A.	1952
Walker, Ian Saville, Ph.D. (B.Sc., 1952)	1963
Walker, Jane Elizabeth, B.A. (Wales)	1956
Walker, Janice Phyllis, B.A.	1908
Walker, Jillianne Mary, B.A.	1956
Walker, John Adrian Mozar, M.B., B.S.	1963
Walker, John Schomburgk, B.Sc.	1951
Walker, Mildred, B.A.	1926
Walker, Reginald Jeffrey, M.B., B.S.	1928
Walkley, Allan, B.Sc.	1952
Walkley, Gavin, B.E.	1927
M.A. (Cambridge, 1942)	1934
Walkley, Joan Eileen, M.Sc. (B.Sc., London)	1949
Wall, Barbara Deane, M.A. (B.A., 1949)	1949
Wall, Brian Henry, B.E.	1950
Wall, Gordon Elliott, B.Sc.	1958
Wall, Ian Baker, B.E.	1947
Wall, Margaret Esther, B.Sc.	1955
Wallace, Donald, B.A.	1951
Wallace, Frank Kenneth, M.B., B.S.	1939
Wallace, Malcolm Maxwell, M.B., B.S.	1934
Wallace, Peter Richard, B.E.	1959
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	1961
Wallace, Sir Robert Strachan, M.A. (Oxford)	1958
Wallman, Ian Stuart, M.B., B.S.	1926
Wallman, James Douglas Robson, M.B., B.S.	1947
Wallman, Leigh Stuart, M.B., B.S.	1951
Wallman, Neil Stuart, M.B., B.S.	1940
Wallman, Nugent Horton, LL.B.	1944
Wallman, Rex Horton, B.D.S.	1937
Wallman, Richard John Robson, M.B., B.S.	1951
Wallmann, Douglas Robson, M.B., B.S.	1951
Wallmann, Reginald Horton, LL.B.	1918
Walmsley, Norman Stuart, B.D.S.	1907
Walmsley, Robert Leitch Eric, M.B., B.S.	1952
Walsh, Brian Richard, M.B., B.S.	1920
Walsh, Dorothy Counley, B.A.	1950
Walsh, Elizabeth Jan, B.A.	1956
Walsh, Esmond Thomas, M.B., B.S.	1921
Walsh, Frances Mary, B.A.	1956
Walsh, Geoffrey Goode, B.E.	1926
Walsh, John Alfred, M.B., B.S.	1931
Walsh, Kevin Gerald, LL.B.	1959
Walsh, John Francis Anthony, M.B., B.S.	1963
Walsh, Margaret Mary, B.A.	1932
Walsh, Reginald Clarence, B.E.	1955
Walter, Barbara Katherine, B.A.	1951
Walter, Bryan Robert, B.Sc.	1925
Walter, Denys, B.Ec.	1963
Walter, Harold Neal, B.E.	1963
Walter, Hilda Blanche May, M.A., (B.A., 1913)	1955
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908)	1936
Walters, Francis Victor Charles, B.E.	1909
B.Ec.	1953
Walters, George Henry, LL.B.	1962
Walters, Max Norman Isadore, M.B., B.S.	1936
Walters, William Allen Willcox, M.B., B.S.	1954
Walther, Francis Frederick Bowering, B.Tech.	1956
Walton, Bruce Adrian, B.Sc.	1959
Walton, Geoffrey Norman, B.E.	1945
Walton, Gertrude Mary, B.A.	1960
Walton, Shirley-Anne Campion, B.A.	1904
Walz, Joseph Michael, B.A.	1956
Wan, Kwok Kuen, B.D.S.	1945
Wan, Kun Yiu, M.B., B.S.	1961
Wangel, Anders Gustaf, M.B., B.S.	1962
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1959
Wannan, Ellen Sarah, B.Sc.	1947
Warburton, George Bruce, B.Sc.	1930
Ward, Cyril Michael, M.A. (B.A., 1910)	1961
Ward, Denby Harcourt, M.E. (B.E., 1955)	1912
Ward (nee Claridge), Evelyn Dorothy, B.Sc.	1961
Ward, Geoffrey Grant, M.B., B.S.	1935
Ward, Gerald Michael, LL.B.	1955
Ward, Guthrie Lloyd, B.Tech.	1949
Ward, Harry Lancelot, B.A.	1963
Ward, Jean Russel, B.A.	1920
Ward, Kevin James, LL.B.	1939
Ward, Leonard Keith, B.E. (Sydney, 1903)	1949
D.Sc.	1913
Ward, Leonard Rosslyn, B.E.	1926
Ward, Margaret Hawthorne, B.Sc.	1932
Ward, Margaret Kennings, B.A.	1958
Ward, Michael, LL.B.	1947
Ward, Robert Hayes, LL.B.	1963
Ward, Russel Braddock, M.A. (B.A., 1936)	1936
Warden, Mark Cunningham, B.Ec.	1950
Warden, Robert Douglas Cunningham, LL.B.	1961
Ware, Dorothy Alice, B.A.	1951
Warhurst, Barbara Wilfred, B.Sc.	1960
Warhurst, Dean Frank, B.Tech.	1938
Wark, Bruce Goodman, B.D.S.	1961
Warming, Ethne Helen, B.A.	1953
Warne, Keith Raymond, B.Sc.	1963
Warner, John Raymond, B.A.	1959
Warren, Barry John, B.Sc.	1959
Warren, Barry Thomas, B.Arch.	1963
Warren, Donald Hampton, B.A.	1942
Warren, John Robin, M.B., B.S.	1963
Warren, Sidney Lilla, B.A.	1961
Wasty, Ghulam Husain, M.B., B.S.	1915
Waterhouse, Edward John, B.Ag.Sc.	1961
Waterhouse, George Saville, B.A.	1953
Waterhouse, Louis David, LL.B.	1955
Waterhouse, Ronald Greaves, M.B., B.S.	1914
Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1952
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1948
Waterman, Trevor Roy, M.B., B.S.	1947
Waters, Ernest Bertram, B.Tech.	1963
Waters, Russell Kyle, B.A.	1961
Waterson, John Gabriel, B.D.S.	1949
Watkins, Charles Thomas, LL.B.	1945
Watkins, Edward Hanmer, M.E. (B.E., 1959)	1907
Watkins, John Leslie, B.E.	1960
Watkinson, Mavis Daphne, B.A.	1933
Watson, Arthur John, M.B., B.S.	1937
Watson, Brian, B.E.	1953
Watson, Christopher Lex, B.Ag.Sc.	1953
Watson, David John, B.E.	1957
Watson, David Stanley, B.Sc.	1961
Watson, Donald Robert, B.E.	1954
Watson, George Michael, M.B., B.S.	1951
Watson, Graeme Douglas, B.A.	1936
Watson, John Champion, B.E.	1957
Watson, Joyce, B.A.	1956
Watson, Kenneth Graham, M.B., B.S.	1937
Watson, Margaret Arden, B.Sc.	1953
Watson, Patricia Bali, M.B., B.S.	1940
Watson, Richard Wyndham, M.B., B.S.	1952
Watson, Ruth, M.Sc. (B.Sc., 1934)	1962
Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939)	1938
Watt, Fanny Eileen, M.A. (B.A., 1927)	1945
	1930

† Not yet Members of the Senate.

Wattchow, Colin Edward, B.A.	1949	†Wells, Peter John, B.E.	1963
†Watters, Roger Allan, B.Sc.	1962	Wells, William Andrew Noye, LL.B.	1945
†Watts, Christopher Henry Stuart, B.Sc.	1962	Welsh, James Oglesby, B.A.	1948
Watts, Edith Isabel, B.A.	1935	Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921)	1924
Watts, Norman Clarence, B.E.	1956	Wemyss, Robert John, B.Ec.	1960
Watts, Robin John, LL.B.	1959	†Wendelborn, Lawrence Cyril, B.A.	1962
Watts, Ruth Emily, B.A.	1949	Wennerbom, Alan John, B.Sc.	1956
Watts, John Clyde, B.Sc.	1949	Wennerbom, Barrie Campbell, B.A.	1961
Wauchope, Diana D'Este, B.Sc.	1949	Were, John Owen, B.A.	1933
Wauchope, Diosma Marie, B.A.	1923	†Were, Keith Francis, B.A.	1961
Wauchope, Frederick John, B.Sc.	1930	Wesley Smith, Henry Elliott, B.A.	1936
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918)	1924	Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	1949
Wauchope, Mavis Lorelie, M.A. (B.A., 1923)	1936	West, Alan William, LL.B.	1957
Waugh, David McBride, B.E.	1959	†West, Alfred Lutwyche, B.Tech.	1961
Waugh, William McDonald, B.A.	1951	West, Arthur George Bainbridge, M.A. (Oxford, 1892)	1897
†Wawryk, Stefan, B.E.	1961	West, Bruce Oswald, Ph.D. (B.Sc., 1948)	1954
Way, Leslie Edward, B.Sc.	1949	West, Doris Marjorie, B.A.	1921
Way, Neville James, M.B., B.S.	1948	West, Eric Stodden, B.Sc.	1921
Way, Thomas Hubert, B.E.	1952	West, Esmond Frank, M.B., B.S.	1922
Waye, Peter Neil, LL.B.	1951	†West, Graham Peet, M.B., B.S.	1961
†Wearing, Alexander James, B.A.	1963	†West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946)	1961
Wearne, Enid Lois, B.A.	1948	West, John Burnard, M.D. (M.B., B.S., 1952)	1959
†Weaver, Helen Christine, B.Sc.	1963	West, John Stanley, B.E. (B.Sc., 1907, surrendered)	1914
Webb, Arthur Liddon, M.B., B.S.	1922	West, Leonard Roy, M.B., B.S.	1934
Webb, Bruce Phillip, M.Sc.	1954	†West, Patricia Joan, B.A.	1961
Webb, Emmaline Nancy, B.A.	1949	West, Reginald Arthur, M.A. (B.A., 1902)	1905
Webb, John Edward, B.Sc. (Eng.)	1942	†West, Richard Frederick, B.E.	1962
Webb, John Newton, M.B., B.S.	1917	West, Robert Frank, M.D. (M.B., B.S., 1935)	1949
Webb, Kenneth Alfred, B.E.	1953	West, Rosemary Ruth, M.B., B.S.	1954
Webb, Mary Gwendoline, B.A.	1937	†West, Stephen John, B.Sc.	1963
Webb, Rita Gwendoline, B.A.	1930	Westerman, Franklina Sisley, B.D.S.	1946
Webber, Brian John, B.Sc.	1959	Westerman, Roderick Alan, M.B., B.S.	1954
Webber, Colin Russell, B.E.	1952	Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929
Webber, Ian Ernest, B.E.	1957	Westley, John French Hebbart, B.E.	1957
†Webber, Ian James, B.A.	1961	†Westley, Shirley Judith, B.Ec.	1963
Webber, Muriel Esme Jill, B.A.	1957	Weston, Frank Keith, B.A. M.B., B.S.	1950
Webber, Ronald Thomas John, B.Ag.Sc.	1948	Westphalen, John Arthur, B.Sc.	1950
Webbling, Donald D'Arcy, B.Sc. M.B., B.S.	1950 1955	Westphalen, Kenneth John, M.B., B.S.	1953
†Webster, Louise Betty, B.Sc.	1962	Westropp, Ralph Alan Massy-, Ph.D. (Man- chester, 1958)	1962
Webster, Raymond Murray, B.Sc.	1938	Whalan, Lionel Walter, B.A.	1948
Webster, Stanley George, M.B., B.S.	1951	Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	1945
Webster, Wilfred Grant, B.Sc.	1949	Wheatley, Frederick William, B.A. D.Sc.	1904 1913
Westman, Alan Russell, M.B., B.S.	1951	Wheaton, Geoffrey Brendan, B.E.	1956
†Wege, Dieter, B.Sc.	1962	Wheaton, Malcolm Alfred, M.B., B.S.	1954
Wegener, Clemens Frederick, B.Sc.	1949	Wheaton, Neville Alistair, B.E.	1956
Wegener, Richard Albert, B.E.	1948	Wheaton, Neville Kingsley, B.Sc.	1957
†Wei, Hon Yin, Stephen, B.D.S.	1962	Wheaton, Russell Norman, B.Sc.	1952
Weidenbach, Neil, B.Sc.	1954	Wheeler, Harry Winslow, B.Sc.	1929
Weigold, Erich, B.Sc.	1958	Wheeler, Reginald John, M.B., B.S.	1930
Weigold, Helmut, B.Sc.	1960	Whelan, John Thomas, B.Ec.	1952
Weir, Isobel, B.A.	1914	Whelan, Robert Ford, M.D. (Belfast, 1951)	1958
†Weir, Maxwell Brett, B.E.	1962	Whibley, Cyril George, B.E.	1927
†Weir, Ronald Colin, B.Sc.	1959	Whillas, Geoffrey French, B.Sc.	1946
Weiss, Alan Austin, Ph.D. (B.Sc., 1950)	1955	Whillas, Jenn Kathleen, M.A. (B.A., 1947)	1952
Weiss, Donald Eric, D.Sc. (B.Sc., 1945)	1960	Whitburn, Jack, B.A.	1931
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	1941	White, Allan James Risley, B.Sc.	1952
Weissman, Gerhard, B.Tech.	1958	White, Anthony Hopper, B.Sc.	1951
Welbourn, Alan Egerton, B.E.	1937	White, Brian Ross, B.Sc.	1947
Welbourn, Barbara Egerton, B.Sc.	1941	White, Elizabeth Alice, B.A. Mus.Bac.	1956 1959
Welbourn, Eleanor Egerton, B.A.	1948	†White, Francis Peter, LL.B.	1963
Welch, Arthur Walter Sydney James, M.B., B.S.	1923	White, Francis Richard, B.D.S.	1950
Welch, Frank Edison, M.B., B.S.	1936	White, Geoffrey Fowler, B.Ec.	1960
Welch, Horace Henry Eric, B.E.	1938	White, Hedley John, B.E.	1950
Welch, Howard Walter, M.B., B.S.	1954	White, Helena Victoria, B.A.	1934
Welch, Ian Donald, M.B., B.S.	1960	White, Henry Douglas, B.A.	1943
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901)	1901	White, James Michael, LL.B. B.A.	1951 1956
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950)	1954	White, Joan Hazel, M.B., B.S.	1935
Weller, Keith Russell, B.E.	1960	White, John Baron, B.E.	1949
Weller, Raymond Alfred, B.Sc.	1948	White, Joseph Charles, B.Ec.	1955
Wellington, Hugh Kennedy, B.E.	1948	White, Joyce Winifred, B.A.	1945
Wells, Barbara Gordon, M.B., B.S.	1951	White, Kenneth Elsdon, B.E.	1948
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	1959	White, Leeson Desmond, B.E.	1957
Wells, Clarence Gordon, M.B., B.S.	1921	White, Maureen Therese, B.Sc.	1956
Wells, Elizabeth Anne, B.A.	1949	White, Michael Leonard, B.E.	1956
Wells, Elizabeth Wynne, B.A.	1934	White (nee Healy), Nora Kate, B.A.	1939
Wells, Gregory Samuel, B.Sc.	1959	White, Phyllis, B.Sc. (Sydney, 1920)	1922
Wells, Julian Richard Este, B.Ag.Sc.	1959	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
†Wells, Kathleen Margaret, B.Sc.	1962		
†Wells, Margaret Elisabeth, B.A.	1963		
Wells, Margaret Suzanne, B.A.	1953		
Wells, Peter, M.B., B.S.	1960		

† Not yet Members of the Senate.

White, Ray Baron, B.E.	1942	†Wilkes, Alfred John, B.Sc.	1962
†White, Richard William Grenville, B.E.	1963	Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
White, Roderick James, LL.B.	1958	Wilkins, Noel Aldridge, B.Ec.	1958
White, Rodney Gordon, M.B., B.S.	1949	Wilkins, Ray Eber, B.A.	1948
White, Ruth Baron, B.Sc.	1942	Wilkinson, Donald Cameron, B.A.	1952
White, Stanley Noel, B.A.	1953	Wilkinson, Eoin Howitt, M.A. (Chicago, 1960)	1962
White, Wilfred Allan, B.Ec.	1942	Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1953
White, Wilfred Caristan Jurs, B.Sc.	1948	Wilkinson, Harold Callan, B.E.	1931
White, William Richard Bolitho, B.E.	1932	Wilkinson, Herbert John, B.A.	1914
Whitehead, Donald Henry, B.A. (Oxford, 1954)	1959	M.D. (Sydney, 1930)	1934
Whitehead, Millicent Alma, B.A.	1949	†Wilkinson, Maxwell, B.Tech.	1962
Whitehouse, Joseph Chenoweth, M.B., B.S.	1953	Wilkinson, Philomena Mary, B.A.	1949
Whitelaw, Albert James, B.Sc. (B.A.)	1929	Wilkinson, Robert Stuart, M.B., B.S.	1939
	1937	Wilkinson, Stewart Rex, B.A.	1950
Whitford, Desmond Joseph, B.E.	1953	Wilkinson, Thomas Lancelot, B.Sc.	1925
Whitford, Patricia Mary, B.A.	1940	Wilksch, Betty Ruth, B.A.	1949
Whitford, Raymond Frank, M.B., B.S.	1953	†Wilksch, John Charles, B.E.	1962
Whiting, Clyde Taylor, B.A.	1961	Wilksch, Lois Ruth, B.A.	1960
†Whiting, John Harold, M.B., B.S.	1931	†Wilksch, Michael Vincent, B.Sc.	1963
Whiting, Peter Arthur, B.Sc.	1953	Willcocks, Robert Douglas, B.Sc.	1951
Whittington, Anne, B.A.	1950	Williams, Arthur Charles, B.Sc.	1950
Whittington, Joan, B.A.	1933	Williams, A-thur Evan, M.B., B.S.	1914
Whittington, Louis Arnold, LL.B.	1911	Williams, Faden George, B.Ag.Sc.	1953
Whittington, Richard Smallpiece, LL.B.	1935	Williams, Bruce Rodda, M.A.	1944
Whitman, Gerald Caleb, B.Sc.	1952	Williams, Caroline Margaret, B.A.	1915
†Whittenbury, Barry Maxwell, M.B., B.S.	1963	Williams, Christobel Mary, B.Sc.	1945
Whittle, Alick William Green, M.Sc. (B.Sc., 1945)	1948	Williams, Colin Hale, M.Sc. (B.Sc., 1941)	1948
Whittle, Christopher Playford, Ph.D. (B.Sc., 1958)	1962	Williams, David Reginald Glyndwr, B.App.Sc. (B.Tech., 1959, surrendered)	1961
Whittle, Donald George, B.E.	1936	†Williams, Dawn Ellen, B.A.	1963
Whittle, Edith Julia, B.A.	1950	Williams, Donald Carter, B.A.	1933
Whittle, Harry Reed, B.E.	1952	LL.B.	1935
Whittle, James Latimer, B.E.	1952	Williams, Donald Newbery, B.D.S.	1954
Whittle, Richard Latimer, LL.B.	1954	Williams, Dorothy Theresia, B.A.	1935
Whyte, Jean Primrose, B.A.	1952	†Williams, Edith Dawn, B.A.	1961
Whyte, Phyllis Primrose, B.A.	1952	Williams, Eirene Mary, B.A.	1907
Wiadrowski, Ian Barrie, B.E.	1957	†Williams, Eric Hill, B.Ec.	1963
Wiadrowski, Maxwell Alfred Anton, B.A.	1937	†Williams, Foster Neil, B.Ec.	1962
Wibberley, Brian, B.E.	1951	Williams, Garth David, B.Sc.	1948
Wibberley, Brian William, B.Sc. (M.B., B.S.)	1914	Williams, George Esson Keith, M.A. (B.A., 1937)	1947
Wibberley, David John, M.B., B.S.	1956	Williams, George Mervyn, B.Sc.	1953
Wibberley, Hermina Mary, B.A.	1941	Williams, Harold Richard Michael, LL.B.	1953
Wibberley, Judith, B.A.	1952	Williams, Horton Clement, LL.B.	1956
†Wicks, Neil Bruce, B.Tech.	1962	†Williams, Ian James, B.E.	1961
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946	†Williams, Ian Russell, B.Tech.	1963
Wicks, David Frank, LL.B.	1960	†Williams, Jennifer Elizabeth, B.A.	1961
Wicks, Frederick Ralph, M.B., B.S.	1923	Williams, Joan Beatrice, B.A.	1948
Wicks, Graham Ralph, M.B., B.S.	1954	Williams, Kenneth Douglas, B.Ec.	1955
Wicks, Norman Stephen Price, M.B., B.S.	1947	Williams, Kevin Graham, B.Sc.	1958
†Wicks, Rodney Henry, M.B., B.S.	1962	Williams, Lindsay Hale, LL.B.	1945
Wiencke, George Edwin, B.Tech.	1959	†Williams, Lyaal Richard, B.Sc.	1961
Wien-Smith, Geoffrey, M.B., B.S.	1915	Williams, Mabel Evangeline, M.A. (B.A., 1906)	1916
Wiese, Margaret Helen, B.A.	1958	Williams, Martin John, M.B., B.S.	1958
†Wiese, Ralph Clayton, B.Sc.	1963	Williams, Michael, Ph.D. (Wales, 1960)	1961
†Wieser, Othmar Heinrich Jakob, B.A.	1962	Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960
Wiesner, Clarence Jack, B.Sc.	1935	†Williams, Owen Clarke, B.Ec.	1963
Wigan, John Leonard Cleveland, B.E.	1959	Williams, Philip Glenly, B.A.	1941
Wigan, Leonard James Cleveland, B.E.	1921	Williams, Philip Mark, B.E.	1951
†Wigg, Carolyn Ann, B.Arch.	1963	Williams, Ralph, B.Sc.	1914
Wigg, David Ross, M.B., B.S.	1960	Williams, Raymond Clarence, B.Sc.	1959
Wigg, Hugh Higham, B.E.	1960	Williams, Robert Francis, D.Sc. (M.Sc., 1934)	1957
Wigg, Neil Thornburn Melrose, M.B., B.S.	1925	†Williams, Roger John, B.Sc.	1962
Wigg, Philip Melrose, B.Ag.Sc.	1960	Williams (nee Hotten), Roma Olive, B.A.	1941
Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945	Williams, Rona Lynette, B.A.	1960
Wigglesworth, Sidney Thomas, B.E.	1959	Williams, Rosemary, B.Sc.	1956
Wight, Albert James, B.E.	1936	Williams, Roy Ernest, M.Sc.	1953
Wight, Albert Raymond, B.E.	1914	Williams, Spencer, M.A. (B.A., 1927)	1930
Wight, Hillier Clement, B.E.	1933	Williams, Vivienne June, B.Sc.	1955
Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929)	1962	Williams, Walter Leslie, B.A.	1940
M.E. (B.E., 1930)	1937	†Williams, Winifred Teresa, M.B., B.S.	1963
†Wight, Robert Lewis, M.B., B.S.	1963	Williams, Zena Vera, B.A.	1940
Wighton, Dugald Craven, M.B., B.S.	1953	†Williamson, Alan Arthur Martin, M.B., B.S.	1963
Wighton, Helen Craven, B.A.	1938	Williamson, Arthur Edward, B.E.	1953
Wighton (nee Blackburn), Rosemary Neville, B.A.	1945	Williamson, Benjamin Raymond, B.Tech.	1959
Wigley, Tom Michael Lampe, B.Sc.	1960	†Williamson, Catherine Patricia, B.A.	1963
Wignall, Douglas Ronald, B.A.	1948	Williamson, David Aubrey, M.B., B.S.	1951
Wilcher, Lewis Charles, B.A.	1929	Williamson, Geoffrey Lea, B.Sc.	1956
Wildy, Ralph Alderman, B.E.	1938	Williamson, Hugh Angus, LL.B.	1955
†Wildy, Robert Lister, B.Sc.	1963	B.A.	1956
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951	Willing, Charles Eric, M.B., B.S.	1928
†Wilhelm, Leslie Robert, B.A.	1963	Willing, Richard Lyaal, M.B., B.S.	1954
Wilhelm, Walter Gerhard, B.E.	1953	Willington, Clayton Louis, M.B., B.S.	1955
		Willington, John Mattinson, B.E.	1951
		Willington, Lloyd Stanley, B.A.	1950

† Not yet Members of the Senate.

Willis, John, B.A. (Melbourne)	1952	Wong, Peter Chee Nam, M.B., B.S.	1952
Willmott, Josiah Percival, B.Sc.	1907	† Wong, Kam Peng, B.Sc.	1962
Willoughby, Donald Ross, B.Sc.	1960	† Wong, Kum Yew, B.E.	1962
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947	Wood, Alistair Edward Rose, B.E.	1954
Willoughby, Roger George (Warden of the Senate), M.D.S. (B.D.S., 1938)	1953	Wood, Allen Edwin, B.A.	1944
Wills, Caroline Marie Agnew, B.A.	1951	Wood, Colin James, B.A.	1950
Wills, Lindsay Arthur, B.A.	1953	Wood, Florence Catherine, B.A.	1938
Willsmore, Elsie Victoria, Mus.Bac.	1918	Wood, Henry Lambert, M.Sc.	1941
Willsmore, Hurtle Binks, B.Sc.	1916	Wood, Judith Ann, B.A.	1950
† Wilmshurst, Errol Glen, M.B., B.S.	1963	Wood, Murray Bowering, M.B., B.S.	1939
Wilmshurst, Maurice George, B.A.	1934	Wood, Philip Barclay, Mus.Bac.	1938
† Wilmshurst, Ronald Escott, B.Tech.	1961	Wood, Rosemary Anne, B.A.	1955
Wilsdon, Geoffrey Frank, B.Tech.	1959	Woodard, Charles Ernest, B.A.	1933
Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947	Woodard, Charles Garrard, LL.B.	1952
Wilson, Andrew Bray Cameron, LL.B.	1959	Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952)	1954
Wilson, Avis Jean, B.Sc.	1956	Woodgate, Elizabeth Ann, B.A.	1960
Wilson, Brenda Ruth, B.A.	1950	Woodger, Gwenneth Godwin, LL.B.	1941
Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899)	1900	Woodham, Barbara Elizabeth, B.A.	1941
Wilson, Charles Graham, M.B., B.S.	1947	Woodhouse, Lawrence Ralph, B.Sc.	1954
† Wilson, Christopher John, B.E.	1961	Woodhouse, Roy, LL.B.	1950
Wilson, Colin Leslie, B.Sc. (Eng.)	1944	Woodman, Stanley Kenneth, B.E.	1934
Wilson, Dennis de Courcy, M.B., B.S.	1949	† Woodroffe, Alison Elizabeth, B.A.	1962
Wilson, Derek Finlay, LL.B.	1936	Woodroffe, Keith, B.Ag.Sc.	1937
Wilson, Doris May, B.A.	1938	Woodroffe, Philip, B.A.	1960
Wilson, Edward Peter, M.B., B.S.	1951	Woodroffe, Gwendolyn Marion, M.Sc. (B.Sc., 1940)	1944
Wilson, Geoffrey Palmer, B.Ec.	1958	Woodroffe, Kathleen, Ph.D. (M.A., 1948; B.A., 1940)	1962
Wilson, Gordon Samuel, B.Sc. (Eng.)	1944	Woodrow, Brian Douglas, B.Tech.	1960
Wilson, Helen Margaret, B.Sc.	1957	Woodruff, Philip Scott, M.D. (Melbourne, 1939)	1957
Wilson, Ian Bonnython Cameron, LL.B.	1955	Woods, Arthur Frederick, M.B., B.S.	1957
Wilson, Ian Stewart, Ph.D. (B.Sc., 1957)	1963	Woods, Charles William Griffin, M.B., B.S.	1939
Wilson, Jack Woodrow, B.Sc.	1936	Woods, Julian Gordon Tenison, LL.B.	1918
Wilson, James Beith, B.A.	1896	Woods, Nelly Hooper, M.A. (B.A., 1928)	1930
Wilson, John Grenell, M.B., B.S.	1949	Woods, Richard Vynne, B.Sc.	1947
Wilson, John Stewart, M.B., B.S.	1952	Woods, Warren Bruce, B.A.	1958
Wilson, Keith Cameron, LL.B.	1922	Woodward, Barbara, B.A.	1944
Wilson, Keith John, M.B., B.S.	1952	Woodward, Colin Holmes, B.E.	1952
Wilson, Laurence Algernon, M.B., B.S.	1918	Woodward, Oliver Gordon, B.Sc.	1950
Wilson, Laurence Leigh, M.B., B.S.	1956	† Woolcock, Ann Janet, M.B., B.S.	1961
Wilson, Luther Ernest Crosby, B.Sc.	1926	Woolcock, Collin Elwyn, M.Sc. (B.Sc., 1936)	1945
M.A.	1932	Woolcock, Rosslyn James, M.B., B.S.	1927
† Wilson, Maureen Norma, B.Sc.	1962	Woodridge, Alan Frank, B.Sc.	1947
Wilson, Mollie Jean, LL.B.	1935	Woolhouse, Harold William, Ph.D. (B.Sc., Reading, 1955)	1960
Wilson, Nicholas Michael, B.A.	1955	Woolhouse (nee Sherwood), Leonie Marie, B.Sc.	1953
Wilson, Patricia Margaret, B.Sc.	1960	Woolnough, Geoffrey Lawrence, B.E.	1929
Wilson, Philippa Morag, B.A.	1958	Woolnough, Harold, B.A.	1906
Wilson, Robert Bruce, B.Sc.	1950	Worck, Kenneth Frank, B.Sc.	1959
Wilson, Robert Kevin, M.B., B.S.	1937	Worley, Donald Stuart, B.D.S.	1956
† Wilson, Roger Maxwell, LL.B.	1962	† Worley, Roderick Tom, B.Sc.	1963
Wilson, Trevor Gordon, Ph.D. (Oxford, 1959)	1960	Worsnop, Elsie Madeline, M.A. (B.A., 1907)	1913
Wilson, Valerie Joy, B.A.	1952	Worthington, Charles Roy, Ph.D. (B.Sc., 1951)	1956
Wilson, William Fraser, B.Sc.	1943	Worthley, Boyce Wilson, M.Sc. (B.Sc., 1939)	1944
† Wilton, David John, B.Tech.	1963	Worthley, Seymour Richard, M.Sc. (B.Sc., 1940)	1941
Wilton, Donald Edward, B.Tech.	1959	Wright, Angus Stanley, B.Sc.	1945
Wilton, Dorothy Clyde, B.Sc.	1940	† Wright, Anthony John, B.Sc.	1933
Wilton, John Barrett, B.Sc.	1950	† Wright, Christine Mary, B.A.	1962
Wincey, Cynthia Weaver, B.Sc.	1949	Wright, Donald Ian, B.A.	1956
Winch, Kenneth Varley, B.E.	1952	Wright, Edna May, B.A.	1938
Windle, Doris Sophia, B.A.	1941	Wright, Frederick Kenneth, B.E. (B.Met.E., Melbourne, 1946)	1963
Winefield, Anthony Harold, Ph.D. (London, 1962)	1963	Wright, George Andrew, B.A.	1954
Winkler, Arthur Edmund, B.Sc. (Eng.)	1943	† Wright, Jillian Meredith, B.A.	1963
Winnall, Nancy Eleanor, B.Sc.	1919	Wright, John Frederick, LL.B.	1953
Winter, Beatrice Ervine, B.A.	1955	† Wright, Jonathan Courtney George, B.Ec. (B.Com., Melbourne, 1959)	1962
Winter, Karl Berthold, M.B., B.S.	1942	Wright, Leslie McLean, LL.B.	1935
Winter, William Graham, B.Sc.	1938	Wright, Lewis Garner, LL.B.	1891
Winton, Berna Kathleen, B.A.	1953	Wright, Lyle Mason, B.Sc.	1956
† Winton, Rodney James, B.Tech.	1963	Wright, Norman Harvey, B.A.	1927
Winwood, William Weston, B.E.	1926	Wright, Robert John, B.Sc. (Eng.)	1949
Winzor, Donald John, Ph.D. (B.Sc., 1956)	1961	Wright, Russell Francis, B.E.	1953
Wise, Peter Hermann, M.B., B.S.	1959	† Wu, Ching Rhu, Christine, B.Sc.	1963
† Wishart, Dean, B.Tech.	1961	Wurfel, Lois Jessie, M.B., B.S.	1955
Wissell, Stewart Gordon, B.A.	1949	Wurm, Bertram Eric, M.B., B.S.	1920
Witt, Erik Hans, B.E.	1929	Wurm, John Sinclair, M.B., B.S.	1960
Wittenoom, Robert Horne, M.B., B.S.	1954	Wurm, Roger Sinclair, M.B., B.S.	1947
Wittwer, Ivan Donald, B.A.	1951	† Wyatt, Ernest Stanley, B.Ec.	1961
Wohling, Theodore Charles, B.Tech.	1960	† Wylie, Donald Kingston, B.Tech.	1961
Woithe, William Henry, B.E.	1936	Wylie, John Richard, B.Sc.	1951
† Wolanski, Bohdan Stanislaus, B.Sc.	1962	Wyllie, Geoffrey Gurner, M.B., B.S.	1946
Wolcik (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	1959	Wyllie, Robert Gurner, M.B., B.S.	1955
Wollaston, Elise Margaretta, B.Sc.	1955		
Wollaston, Jocelyn Mary, B.Sc.	1950		
Wollaston, Terence Cornthwaite, B.E.	1956		
Womersley, Hugh Bryan Spencer, D.Sc. (M.Sc., 1947; Ph.D., 1952)	1960		
Womersley, John Spencer, B.Sc.	1945		

† Not yet Members of the Senate.

LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

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

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

For previous Lists, see Calendars from 1918.

Blackmore, Gerda, German III	- - - - -	1958	Snowden, Janette Daphne, B.A., Geography	- - - - -	1960
Bradley, Michael Charles, B.A., Philosophy I	- - - - -	1958	II (ii)	- - - - -	1960
Brock, Erland Jeffrey, B.A., Geography, II (ii)	- - - - -	1958	Thomas, Jennifer Mary, History II (ii)	- - - - -	1960
Eckermann, Frances Marie, English II (ii)	- - - - -	1958	Turner, Elizabeth Rosemary, German II (i)	- - - - -	1960
Gambling, Janice Melva, History II (ii)	- - - - -	1958	Ware, Dorothy Alice, Geography II (i)	- - - - -	1960
Gelsen, Henrik, German II (ii)	- - - - -	1958	Welsh, James Oglesby, B.A., History II (i)	- - - - -	1960
Glenn, Margaret Joy, French I	- - - - -	1958	Woodroffe, Philip, French and Psychology	- - - - -	1960
Gradussov, Alexis, German II (i)	- - - - -	1958	II (i)	- - - - -	1960
Howlett, Diana Rosemary, B.A., Geography II	- - - - -	1958	Beer, Donald Robert, History II (i)	- - - - -	1961
(i)	- - - - -	1958	Best, Michael Robert, English II (i)	- - - - -	1961
Kaspiew, Radzen, History III	- - - - -	1958	Bettison, Irvine James, History II (i)	- - - - -	1961
Keain, Arthur Patrick, History II (i)	- - - - -	1958	Bickerton, Ian James, History II (i)	- - - - -	1961
Lea, David Alexander Maclure, Geography I	- - - - -	1958	Chinner, Christine Elizabeth, History II (ii)	- - - - -	1961
Luck, Janice, English II (i)	- - - - -	1958	Cockburn, Jeanette Minna, English II (ii)	- - - - -	1961
Luke, Murdoch Stewart, English II (i)	- - - - -	1958	Connole, Patricia Ann, French III	- - - - -	1961
Magor, Margaret Elizabeth, B.A., German II	- - - - -	1958	Dragovich, Deirdre Janette, Geography I	- - - - -	1961
(i)	- - - - -	1958	Gerken, Rosemarie, German II (i)	- - - - -	1961
Michell, Meredith June, History II (ii)	- - - - -	1958	Gibbes, Geraldine Margaret (nee Wilson),	- - - - -	1961
Mulvihill, Edward John, Philosophy II (ii)	- - - - -	1958	Psychology II (ii)	- - - - -	1961
Pearce, Helen Ruth, History II (i)	- - - - -	1958	Harmstorf, Ian Arnold, History II (ii)	- - - - -	1961
Phillips, Walter Wynne, History II (i)	- - - - -	1958	Hartwig, Mervyn Carl, History I	- - - - -	1961
Porter, Mervyn Kingsley, History II (i)	- - - - -	1958	Hebart, Hans Friedemann, German I	- - - - -	1961
Wilson, Philippa Morag, English Language	- - - - -	1958	John, Ian David, Psychology II (i)	- - - - -	1961
and Literature I	- - - - -	1958	Luke, Eleanor Ann, English II (i)	- - - - -	1961
Zinnbauer, Alfred Freund, German II (i)	- - - - -	1958	McNally, Marie Carmel, English I	- - - - -	1961
Alksnis, Ivars Janis, German I	- - - - -	1959	May, Ernest John, Latin II (i)	- - - - -	1961
Appleton, Joan Mary, History II (i)	- - - - -	1959	Mellowship, John Haslet, History III	- - - - -	1961
Atrens, Dace, German II (i)	- - - - -	1959	Pettit, Janet Ann, English II (i)	- - - - -	1961
Aylmore, Neville Charles, German II (i)	- - - - -	1959	Ratz, Alfred Egon, German I	- - - - -	1961
Chai, Hon-Chan, English Language and	- - - - -	1959	Redpath, Lynda Rosamond, Psychology II (ii)	- - - - -	1961
Literature II (ii)	- - - - -	1959	Rooney, Meredith Jean, History I	- - - - -	1961
Cheesman, Andrew Walford, History II (ii)	- - - - -	1959	Swanbury, Peter Vernon, Psychology III	- - - - -	1961
Curnow, Ellen Isabel, History II (i)	- - - - -	1959	Vilkins, Alberts, History III	- - - - -	1961
Elliott, Jennifer Anne, English Language and	- - - - -	1959	Vnuk, Frantisek, B.A., B.Sc., History II (i)	- - - - -	1961
Literature II (ii)	- - - - -	1959	Wagstaff, Rosemary, French II (i)	- - - - -	1961
Fletcher, Enid Lillian, Geography II (ii)	- - - - -	1959	Walker, Alan Philip, History II (i)	- - - - -	1961
Kersten, Lee Irving, German I	- - - - -	1959	West, Patricia Joan, English II (i)	- - - - -	1961
Kulasingham, Lynn, Politics III	- - - - -	1959	Baynes, William Hendrie, B.A., History III	- - - - -	1962
Lawrence, Margaret Evelyn, Economics I	- - - - -	1959	Bartley, Helen Louise, Psychology II (ii)	- - - - -	1962
Lloyd, Joyceelyn Marie, Politics II (ii)	- - - - -	1959	Bennett, Gregory William, Mathematics I	- - - - -	1962
Lokan, Frances Anne, German II (i)	- - - - -	1959	Binks, Jennifer Ann, English II (i)	- - - - -	1962
McGee, Skaidrite, German II (ii)	- - - - -	1959	Boomer, Robert Garth, English II (ii)	- - - - -	1962
Manuel, Deane James Hubert, B.Ec., English	- - - - -	1959	Burnard, Sally Margaret, History II (i)	- - - - -	1962
Language and Literature II (i)	- - - - -	1959	Bury, Carol Rosemary, English II (ii)	- - - - -	1962
Mayfield, Philip, History II (i)	- - - - -	1959	Buxton, Gordon Leslie, History I	- - - - -	1962
Medlin, Brian Herbert, Philosophy I	- - - - -	1959	Close, Susan Elizabeth, History II (i)	- - - - -	1962
O'Grady, Helen Patricia, English Language and	- - - - -	1959	Day, Jennifer Ann, German II (i)	- - - - -	1962
Literature I	- - - - -	1959	Dunstan, Gretel, Economics II (i)	- - - - -	1962
Playford, John Drysdale, History II (i)	- - - - -	1959	Edgar, Peter Lindsay, History II (i)	- - - - -	1962
Saunders, Graham Edward, History II (i)	- - - - -	1959	Fennell, Trevor Garth, French I	- - - - -	1962
Warner, John Raymond, History II (i)	- - - - -	1959	Godwin, Suzanne, History II (i)	- - - - -	1962
Atkinson, Leon Desmond, History I	- - - - -	1960	Gribble, Cynthia May, German II (ii)	- - - - -	1962
Bruer, Michael Jeffrey Cartrell, German II (i)	- - - - -	1960	Heuzenroeder, John Mathwin, English II (i)	- - - - -	1962
Cashmore, Gillian Frances, English Language and	- - - - -	1960	Holt, Betsy Stamford, English II (i)	- - - - -	1962
Literature II (ii)	- - - - -	1960	Jenkin, Robert Haydon, History II (i)	- - - - -	1962
Chant, Barry Mostyn, English Language and	- - - - -	1960	Kukurs, Ilona, B.A., Psychology II (ii)	- - - - -	1962
Literature II (ii)	- - - - -	1960	Manhood, Cleve Charles, History II (ii)	- - - - -	1962
Depasquale, Paul, English Language and	- - - - -	1960	Manser, William Lloyd, History II (ii)	- - - - -	1962
Literature II (i)	- - - - -	1960	Pukitis, Ilze, French II (i)	- - - - -	1962
Deutscher, Maxwell John, B.A., Philosophy I	- - - - -	1960	Reid, Bruce James, French II (i)	- - - - -	1962
Gavelis, Antanas, German II (i)	- - - - -	1960	Rendell, Anthony Alan, History II (i)	- - - - -	1962
Gibbs, Ronald Malcolm, History II (i)	- - - - -	1960	Schubert, Jane Helen, French II (ii)	- - - - -	1962
Gibson, Patricia Mary, History II (i)	- - - - -	1960	Strods, Inta Maria, History II (ii)	- - - - -	1962
Goldsworthy, David John, Politics I	- - - - -	1960	Barter, Janet Elizabeth, German II (i)	- - - - -	1963
Herman, Eugene, French II (i)	- - - - -	1960	Burger, Geoffrey John, History II (i)	- - - - -	1963
Hocking, Brian Dominic Windsor, German I	- - - - -	1960	Coin, Susan Mary, French II (i)	- - - - -	1963
Holdich, John Rodger, Politics II (i)	- - - - -	1960	Corsbin, Elizabeth Mary, Geography II (i)	- - - - -	1963
Hyslop, Alexander, English Language and	- - - - -	1960	Daniels, Verna Kay, History II (i)	- - - - -	1963
Literature II (i)	- - - - -	1960	Dobberstein, Fred Helmut, German II (i)	- - - - -	1963
Lloyd, Elizabeth Ann, French II (ii)	- - - - -	1960	Findlay, Marjorie Clifford, Politics II (ii)	- - - - -	1963
Lucas, Diane Mary, French II (i)	- - - - -	1960	Fryer, Beverley Anne, English II (i)	- - - - -	1963
McCulloch, Deborah Jane, English Language and	- - - - -	1960	Ganzis, Nicholas, History II (i)	- - - - -	1963
Literature II (ii)	- - - - -	1960	Gibson, John Keith, B.A., Mathematics I	- - - - -	1963
McCurdy, Brian, English Language and	- - - - -	1960	Haydon, Anthony Peter, B.A., History I	- - - - -	1963
Literature II (ii)	- - - - -	1960	Horgan, Lillian Veronica, English II (i)	- - - - -	1963
Nettlebeck, Colin William, French I	- - - - -	1960	Jolly, Meryl Ann, English II (ii)	- - - - -	1963
Pelz, Ines Charlotte, Geography III	- - - - -	1960	Kennett, Maureen Patricia, History I	- - - - -	1963
Peter, Phyllis Grace, History I	- - - - -	1960	Kimber, Gillian, B.A., Philosophy I	- - - - -	1963
Robertson, Janet Marian, History II (i)	- - - - -	1960			

Liew, Tack Wan, B.A., Politics II (ii) - - -	1963	Rosenberg, Leopold Henry, History II (i) -	1963
McCulloch, Karla Elizabeth, History II (i) -	1963	Smith, Robert Frederick Ingram, Politics II (i)	1963
McDermid, Neil Harvey, German III - - -	1963	Stoll, Dorothee Friederike, Latin II (i) - -	1963
Mills, John Scott, B.E., Philosophy I - - -	1963	Tidemann, Margaret Beryl, English I - - -	1963
Mitton, Madge Winifred, English II (i) - -	1963	Vanderhoek, Gilah Chaja, Mathematics III -	1963
Morrison, Anna Stirling, English II (ii) - -	1963	Walker, Graham Thomas, Geography II (i) -	1963
Morton, Julia, History II (ii) - - - - -	1963	Walker, Jillianne Mary, French II (ii) - -	1963
Faul, Peter, German II (i) - - - - -	1963	Wearing, Alexander James, Psychology II (i)	1963
Philpott, Jennifer Mary, Geography II (i) -	1963	Wilhelm, Leslie Robert, Latin I - - - - -	1963
Richardson, Alan James, Psychology II (i) -	1963	Williams, Dawn Ellen, French II (i) - - -	1963
Roe, Jillian Isobel, History II (i) - - - -	1963		

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

For previous Lists, see Calendars from 1959.

Coat, Jillian Irene, IIA - - - - -	1958	Allen, Kenneth Craig, B.Ec., IIB - - - -	1962
Cockburn, Malcolm, IIA - - - - -	1958	Blandy, Richard John, B.Ec., I - - - - -	1962
Fowler, Robert Malcolm, IIA - - - - -	1958	Codd, Michael Henry, B.Ec., IIA - - - -	1962
Juhasz, Ferenc, IIA - - - - -	1958	Henderson, James Young, B.Ec., I - - - -	1962
Polasek, Metodey, I - - - - -	1958	Rechner, Russell Jay, B.Ec., IIA - - - -	1962
Lithgow, John Neville, B.Ec., IIA - - - -	1959	Sarah, Neil, B.Ec., I - - - - -	1962
Terrell, Richard Deane, B.Ec., I - - - -	1959	Semler, Janet Claire, B.Ec., I - - - - -	1962
Hicks, Ronald Pettinger, B.Ec. IIB - - -	1961	Davis, Robert William, IIA - - - - -	1963
Peirson, Clive Graham, B.Ec., IIB - - -	1961	Griffiths, Peter Royston, B.Ec., IIB - - -	1963
Scarman, Ian Edwin, B.Ec., IIA - - - -	1961	Henderson, Murray Scott, B.Ec., IIA - - -	1963
Sherwin, Rolf Morton, B.Ec., IIB - - - -	1961		

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

For previous Lists, see Calendars from 1918.

Abele, Charles, B.Sc., Geology IIA - - - -	1958	Pullman, Brian James, B.Sc., Physical and Inorganic Chemistry I - - - - -	1959
Bagot, Charles Hervey, B.Sc., Physics IIA -	1958	Reinfelds, Juris, B.Sc., Mathematical Physics IIA - - - - -	1959
Beck, Kevin Charles, B.Sc., Geology I - - -	1958	Rochow, Keith Arnold, B.Sc., Geology IIA -	1959
Byrne, Osman Roy, Genetics I - - - - -	1958	Sallis, John Dalwood, B.Sc., Biochemistry IIA	1959
Capon, Ian Nicholas, B.Sc., Mathematics I -	1958	Sherwood, Leonie Marie, B.Sc., Botany IIA -	1959
Catrall, Robert Walter, B.Sc., Physical and Inorganic Chemistry I - - - - -	1958	Stearne, John McKenzie, B.Sc., Physical and Inorganic Chemistry I - - - - -	1959
Chong, Yoon Hin, Biochemistry IIA - - - -	1958	Weigold, Erich, B.Sc., Physics I - - - - -	1959
Deacon, Glen Berenger, B.Sc., Physical and Inorganic Chemistry I - - - - -	1958	Whittle, Christopher Playford, B.Sc., Organic Chemistry I - - - - -	1959
Ewers, William Hector, B.Sc., Zoology IIA -	1958	Williams, Kevin Graham, B.Sc., Physics I - -	1960
Freytag, Ian Bernard, B.Sc., Geology IIA -	1958	Ayres, Dean Esmond, B.Sc., Geology IIA - -	1960
George, Barbara Kay, B.Sc., Physics IIA - -	1958	Brooks, Colin Charles, B.Sc., Geology IIA -	1960
Levy, Judith Anne Winstanley, B.Sc., Genetics IIA - - - - -	1958	Burley, Simon Peter, B.Sc., Physics IIA - -	1960
McGowran, Brian, B.Sc., Geology I - - - -	1958	Cheah, Dolly, B.Sc., Physiology IIA - - - -	1960
Matthew, Evelyn Maime, B.Sc., Physics IIB -	1958	Chuah, Kim Leong, B.Sc., Mathematical Physics IIA - - - - -	1960
Moritz, Alan Gilbert, B.Sc., Organic Chemistry I - - - - -	1958	Colvill, Anthony John Ernest, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1960
Napier, Ian Murray, B.Sc., Organic Chemistry IIA - - - - -	1958	Dalgarno, Charles Robert, B.Sc., Geology IIA	1960
O'Connor, Maxwell James, B.Sc., Physical and Inorganic Chemistry I - - - - -	1958	Eggleton, Richard Anthony, B.Sc., Geology I	1960
Ollino, Richard, B.Sc., Physics IIB - - - -	1958	Francis, Robert John, B.Sc., Physics IIB - -	1960
Peter, Beth Ellen, B.Sc., Physical and In- organic Chemistry I - - - - -	1958	Haslam, Christopher Osborne, B.Sc., Geology IIA - - - - -	1960
Porra, Robert John, B.Sc., Biochemistry IIB -	1958	Hedger, Joy West, B.Sc., Physical and In- organic Chemistry IIA - - - - -	1960
Price, Trafford Conor, B.Sc., Physics IIB -	1958	Jackson, Graham Douglas Fischer, B.Sc., Organic Chemistry IIA - - - - -	1960
Roper, Robert George, B.Sc., Physics IIA - -	1958	Jory, Rodney Leonard, B.Sc., Physics IIA -	1960
Russell, Ronald Thomas, B.Sc., Geology I -	1958	Liljegen, David Roland, B.Sc., Organic Chemistry I - - - - -	1960
Schubert, Cedric Felix, B.Sc., Mathematics I	1958	Lim, Khaik Leang, B.Sc., Mathematical Physics I - - - - -	1960
Stanbury, Peter John Terence Cathcart, B.Sc., Zoology IIA - - - - -	1958	Matthews, Brian Wesley, B.Sc., Physics I - -	1960
Von der Borch, Christopher Carl, B.Sc., Geology IIA - - - - -	1958	Mason, Edith Kathleen Lillian, B.Sc., Physio- logy IIB - - - - -	1960
Wilson, Ian Stewart, B.Sc., Zoology IIA - -	1958	Mills, Kingsley John, B.Sc., Geology I - - -	1960
Au-Yong, Moh Cheng, Shirley, B.Sc., Bacterio- logy I - - - - -	1959	Mitchell, Ian Vaughan, B.Sc., Physics IIA -	1960
Buxton, John Balfour, B.Sc., Mathematics IIA	1959	Mitchell, Peter, B.Sc., Physics I - - - - -	1960
Chick, Malcolm, B.Sc., Biochemistry IIA -	1959	Muecke, Peter Sumter, B.Sc., Biochemistry IIA	1960
Darskus, Rolf Ludwig, B.Sc., Physical and Inorganic Chemistry I - - - - -	1959	Olipphant, Michael John, B.Sc., Physics IIB -	1960
Dickson, Ronald Stanley, B.Sc., Physical and Inorganic Chemistry I - - - - -	1959	Schodde, Richard, B.Sc., Botany IIA - - -	1960
Fielder, Donald Raymond, B.Sc., Zoology IIA	1959	Schultz, Peter Kasimir, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1960
Goddard, Peter Norman Lighton, Mathematics I - - - - -	1959	Slee, Walter Vernon, B.Sc., Physics I - - -	1960
Hearn, Anthony Clem, B.Sc., Mathematics I -	1959	Smyth, Michael Ewers Bayne, Zoology I - -	1960
Huang, Su-Eng, B.Sc., Organic Chemistry I	1959	Stone, Brian James, B.Sc., Physics IIB - -	1960
Katekar, Gerard Frederick, B.Sc., Organic Chemistry I - - - - -	1959	Storer, Robin George, B.Sc., Mathematical Physics I - - - - -	1960
Lane, John Edgar, Physical and Inorganic Chemistry I - - - - -	1959	Symons, Geoffrey David, B.Sc., Physics I - -	1960
Lang, Graham Bruce, B.Sc., Physics IIA - -	1959	Vitolins, Maija Irena, B.Sc., Bacteriology I -	1960
Low, Beng See, B.Sc., Organic Chemistry I -	1959	Webber, Brian John, B.Sc., Physics I - - -	1960
Nilsson, Carl Sigurd, B.Sc., Physics I - - -	1959	Wells, Gregory Samuel, B.Sc., Mathematics I	1960
Patterson, John Howard, B.Sc., Physical and Inorganic Chemistry I - - - - -	1959	Weir, Ronald Colin, B.Sc., Bacteriology IIA -	1960
		Abbott, Warwick Donald Francis, B.Sc., Physical and Inorganic Chemistry IIA - - -	1961

Amos, Kenneth Albert, B.Sc., Mathematical Physics IIA - - - - -	1961
Antcliff, Gault Anderson, B.Sc., Physics I - - - - -	1961
Auzins, Ieva, B.Sc., Microbiology I - - - - -	1961
Boyd, Ashley James, B.Sc., Physics IIA - - - - -	1961
Brown, Denis Hackett, B.Sc., Physics IIB - - - - -	1961
Brown, Raymond George, B.Sc., Geology IIA - - - - -	1961
Cavenett, Brian Clifford, B.Sc., Physics IIA - - - - -	1961
Cooper, Richard Edgar, B.Sc., Geology I - - - - -	1961
Corbett, John Vincent, B.Sc., Mathematical Physics I - - - - -	1961
Dodd, Lindsay Richard, B.Sc., Mathematical Physics I - - - - -	1961
Evans, Geoffrey William, B.Sc., Organic Chemistry IIA - - - - -	1961
Ferguson, James, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1961
Fidge, Noel Hadden, B.Sc., Biochemistry IIB - - - - -	1961
Franklin, Ian Robert, B.Sc., Genetics IIB - - - - -	1961
Gooden, Edgar Whitridge, B.Sc., Dip.Ed., Physical and Inorganic Chemistry I - - - - -	1961
Goodrich, John Eric, B.Sc., Organic Chemistry IIA - - - - -	1961
Grace, Muriel Jean, B.Sc., Mathematics I - - - - -	1961
Harris, Roger Lawrence Newton, B.Sc., Organic Chemistry I - - - - -	1961
Hart, Gavin, B.Sc., Organic Chemistry IIA - - - - -	1961
Harwood, Denis Arthur, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1961
Heairfield, Ian Venters, B.Sc., Physical and Inorganic Chemistry I - - - - -	1961
Heath, George Ross, B.Sc., Geology I - - - - -	1961
Huppertz, John Lawrence, B.Sc., Organic Chemistry I - - - - -	1961
Jeffrey, Peter Dalrymple, B.Sc., Physical and Inorganic Chemistry I - - - - -	1961
Jenkin, John Grenfell, B.Sc., Physics I - - - - -	1961
Jones, Alan Stuart, B.Sc., Mathematics I - - - - -	1961
Karthigasu, Kula Thungam, B.Sc., Microbiology IIA - - - - -	1961
Klaebe, Kenneth Eric, B.Sc., Mathematical Physics I - - - - -	1961
Krishnapillai, Vijeyasehari, B.Sc., Microbiology I - - - - -	1961
Laslett, Robert Lacy, B.Sc., Organic Chemistry IIA - - - - -	1961
Lawry, Peter Sheldon, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1961
McCoy, Donald George, B.Sc., Physics I - - - - -	1961
McLaughlin, Ian Leonard, B.Sc., Mathematical Physics IIA - - - - -	1961
Nelson, Peter John, B.Sc., Organic Chemistry IIA - - - - -	1961
Novotny, Jaroslav, B.Sc., Organic Chemistry IIA - - - - -	1961
Offler, Robin, B.Sc., Geology IIA - - - - -	1961
Olliver, Jeffrey Graham, B.Sc., Geology IIA - - - - -	1961
Paddick, Anthony William, B.Sc., Physics IIB - - - - -	1961
Ramsay, George Caird, B.Sc., Organic Chemistry I - - - - -	1961
Sandercock, Edward Robert, B.Sc., Physics IIA - - - - -	1961
Scott, Roland Alexander David Byron-, B.Sc., Mathematics I - - - - -	1961
Seppelt, Brian Maxwell, B.Sc., Physics I - - - - -	1961
Shepley, Kathryn Florence, B.Sc., Biochemistry I - - - - -	1961
Simpson, Brian Clifton, B.Sc., Physical and Inorganic Chemistry I - - - - -	1961
Sved, John Andrew, B.Sc., Genetics IIA - - - - -	1961
Szekerés, Peter, B.Sc., Mathematics I - - - - -	1961
Teubner, Peter John Osmond, B.Sc., Physics IIA - - - - -	1961
Thomas, Josephine Anne, B.Sc., Physical and Inorganic Chemistry I - - - - -	1961
Tuck, Ernest Oliver, B.Sc., Mathematics I - - - - -	1961
Weigold, Helmut, B.Sc., Physical and Inorganic Chemistry I - - - - -	1961
Wigley, Tom Michael Lampe, B.Sc., Mathematical Physics IIA - - - - -	1961
Willoughby, Donald Ross, B.Sc., Geology IIA - - - - -	1961
Wilson, Patricia Margaret, B.Sc., Biochemistry I - - - - -	1961
Young, Christabel Marion, B.Sc., Mathematics IIA - - - - -	1961
Anthony, Wayne Richard, B.Sc., Mathematics IIB - - - - -	1962
Arthur, Neville Langsford, B.Sc., Physical and Inorganic Chemistry I - - - - -	1962
Baker, Richmond Jeffrey, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1962
Bubela, Bohdan, B.Sc., Biochemistry I - - - - -	1962
Campbell, Allan Peter, B.Sc., Physics IIA - - - - -	1962
Campbell, John Arthur, B.Sc., Mathematical Physics IIA - - - - -	1962
Chandler, Graham Stanford, B.Sc., Organic Chemistry I - - - - -	1962
Cooper, Desmond Wishart, B.Sc., Genetics I - - - - -	1962
Del Fabbro, Anthony John, B.Sc., Organic Chemistry IIA - - - - -	1962
Dobney, Philip Thomas, B.Sc., Physics IIA - - - - -	1962
Drewer, Robert James, B.Sc., Organic Chemistry I - - - - -	1962
Edgar, John Alexander, B.Sc., Organic Chemistry IIA - - - - -	1962
Edgeloe, Michael John, B.Sc., Mathematics IIA - - - - -	1962
Ellerton, Hugh David, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1962
Fong, Lian Hern, B.Sc., Physics IIA - - - - -	1962
Gray, Allen Bruce, B.Sc., Organic Chemistry IIB - - - - -	1962
Hosking, Roger John, B.Sc., Mathematical Physics IIA - - - - -	1962
Kammer, Monica Vivienne, B.Sc., Physics IIA - - - - -	1962
Kappelle, Karel, B.Sc., Geology IIA - - - - -	1962
Lee, David Harry, B.Sc., Mathematics I - - - - -	1962
Leydon, Robert John, B.Sc., Organic Chemistry IIA - - - - -	1962
Lloyd, Alan Russell, Geology IIA - - - - -	1962
Lord, John Russell, B.Sc., Geology IIA - - - - -	1962
Marshall, Nicholas James, B.Sc., Geology IIA - - - - -	1962
Maynard, Robert Keith, B.Sc., Physics IIA - - - - -	1962
Mills, Richard Graham John, B.Sc., Mathematical Physics IIA - - - - -	1962
O'Shea, John Martin, B.Sc., Organic Chemistry IIB - - - - -	1962
Passmore, John Roger, B.Sc., Geology IIA - - - - -	1962
Parkin, Ian Andrew, B.Sc., Physics IIB - - - - -	1962
Payne, Allan Barrie, B.Sc., Mathematics IIB - - - - -	1962
Pocock, Kenneth John, B.Sc., Geology I - - - - -	1962
Pontifex, Ian Russell, B.Sc., Geology IIA - - - - -	1962
Porter, Christopher Robert, B.Sc., Geology IIA - - - - -	1962
Reinfelds, Gundega, B.Sc., Physical and Inorganic Chemistry I - - - - -	1962
Ruthven, Max Graham, B.Sc., Physical and Inorganic Chemistry IIB - - - - -	1962
Sag, Thomas William, B.Sc., Mathematics I - - - - -	1962
Smith, David Aitchison, B.Sc., A.U.A. (Music) Physics I - - - - -	1962
Swann, John Christopher, B.Sc., Physical and Inorganic Chemistry I - - - - -	1962
Taylor, Graham Frank, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1962
Theile, Wayne Kerwin, B.Sc., Geology IIA - - - - -	1962
Virgo, David, B.Sc., Geology IIA - - - - -	1962
Von der Borch, Sandra Marie, B.Sc., Zoology I - - - - -	1962
Waechter, Raymond Trevor, B.E., B.Sc., Mathematics I - - - - -	1962
Williams, Lyall Richard, B.Sc., Organic Chemistry I - - - - -	1962
Yeomans, Frank Edward, B.Sc., Mathematical Physics I - - - - -	1962
Ahrens, Richard Walter, B.Sc., Mathematics IIA - - - - -	1963
Alcock, John Francis, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1963
Allen, Robert John, B.Sc., Physical and Inorganic Chemistry IIA - - - - -	1963
Barker, Anthony Alfred, B.Sc., Mathematical Physics IIB - - - - -	1963
Blesing, Neville Victor, B.Sc., Physical and Inorganic Chemistry I - - - - -	1963
Blake, Alastair Joseph, B.Sc., Physics I - - - - -	1963
Calder, Ian Campbell, B.Sc., Organic Chemistry I - - - - -	1963
Campbell, Robert Dean, B.Sc., Physics IIA - - - - -	1963
Chandler, Bruce Stanford, B.Sc., Physical and Inorganic Chemistry I - - - - -	1963
Clague, Dennis John, B.Sc., Mathematics IIA - - - - -	1963
Colman, Robert Malcolm, B.Sc., Mathematics I - - - - -	1963
Dainis, Andrew, B.Sc., Mathematical Physics I - - - - -	1963
Dodd, William Alfred, B.Sc., Botany IIA - - - - -	1963
Donnelly, Jillian Kay, B.Sc., Organic Chemistry I - - - - -	1963
Drayton, Rodney Dean, B.Sc., Geology I - - - - -	1963
Dunne, Michael Clarence, B.Sc., Mathematics I - - - - -	1963
Ekers, Ronald David, B.Sc., Physics IIA - - - - -	1963
Elix, John Alan, B.Sc., Organic Chemistry I - - - - -	1963

Gayler, John Andrew, B.Sc., Organic Chemistry IIB - - - - -	1963	Mulcahy, Dennis Estcourt, B.Sc., Physical and Inorganic Chemistry I - - - - -	1963
Golley, Malcolm George, B.Sc., Physics IIA - - - - -	1963	Pahl, Peter John, B.Sc., Mathematics IIA - - - - -	1963
Graetz, Rodney Dean, B.Sc., Botany IIA - - - - -	1963	Patterson, John Rayden, B.Sc., Physics IIA - - - - -	1963
Guy, Robert William, B.Sc., Organic Chemistry IIA - - - - -	1963	Paul, David Brenton, B.Sc., Organic Chemistry I - - - - -	1963
Haddad, Gerald Neil, B.Sc., Physics I - - - - -	1963	Pederson, David Georges, B.Sc., Genetics IIA - - - - -	1963
Harris, John Alfred, B.Sc., Zoology IIA - - - - -	1963	Robinson, Warwick Bruce, B.Sc., Geology IIA - - - - -	1963
Hartwig, Robert Eduard, B.Sc., Mathematics I - - - - -	1963	Slade, Phillip Garland, B.Sc., Geology I - - - - -	1963
Heron, Ian Craig, B.Sc., Mathematics I - - - - -	1963	Smith, Grahame John Cooper, B.Sc., Zoology IIA - - - - -	1963
Hooper, Andrew Wesley, B.Sc., Physics I - - - - -	1963	Thomas, Lindsay, B.Sc., Physics IIA - - - - -	1963
Jakab, Miklos Laszlo, B.Sc., Organic Chemistry IIB - - - - -	1963	Tindale, John, B.Sc., Mathematics IIA - - - - -	1963
Leslie, Warren Canmore, B.Sc., Geology IIA - - - - -	1963	Webster, Betty Louise, B.Sc., Physics IIA - - - - -	1963
McAnaney, Janette, B.Sc., Organic Chemistry IIA - - - - -	1963	Wege, Dieter, B.Sc., Organic Chemistry I - - - - -	1963
Martin, Terence Edwin, B.Sc., Biochemistry I - - - - -	1963	Wells, Kathleen Margaret, B.Sc., Microbiology IIB - - - - -	1963
Mathews, John Hugh, B.Sc., Physics IIA - - - - -	1963	Wolanski, Bohdan Stanislaus, B.Sc., Microbiology IIB - - - - -	1963
Mills, Kenneth William, B.Sc., Mathematics I - - - - -	1963	Wong, Kam Peng, B.Sc., Botany IIB - - - - -	1963
Morrissy, Noel Michael, B.Sc., Zoology IIA - - - - -	1963		

HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

Dean, Harry Michael, Physiology I - - - - -	1960	Roman, Desmond, Physiology IIA - - - - -	1962
Gabb, Bronte Winston, Genetics I - - - - -	1961	Black, Andrew Barham, General Pathology IIA - - - - -	1963
Hopcroft, Stanley Cecil, Pharmacology IIB - - - - -	1961	Fotheringham, Brian James, Physiology IIA - - - - -	1963
Miller, Colin David John, General Pathology IIA - - - - -	1961	Meyer, Carl Hugh Alexander, Anatomy IIA - - - - -	1963
Muller, Hans Konrad, General Pathology IIA - - - - -	1961	Reilly, Peter Lawrence, Physiology IIA - - - - -	1963
Favilla, Ian, Biochemistry IIB - - - - -	1962	Thomas, David Westwood, Physiology IIA - - - - -	1963
Harding, Philip Ernest, Physiology IIA - - - - -	1962	Van Dongen, Robert, Anatomy I - - - - -	1963
Johnson, Nicholas, Biochemistry IIB - - - - -	1962	Wahlquist, Mark Lawrence, Physiology IIA - - - - -	1963
Perriam, Donald John, Genetics IIB - - - - -	1962		

HONOURS DEGREE OF BACH

Blanden, Robert Vincent, B.D.S. IIA - - - - -	1962
Waterson, John Gabriel, B.D.S. IIA - - - - -	1963

ELOR OF DENTAL SURGERY

Wei, Hon Yin, Stephen, B.D.S. IIA - - - - -	1963
---	------

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Billingham, Onslow Chestle, Civil I - - - - -	1958	Roach, John Robert, Metallurgical and Chemical II - - - - -	1960
Gray, Neil Boon, Metallurgical and Chemical I - - - - -	1958	Silver, Graham Bindley, Electrical II - - - - -	1960
Reissons, Irvs John, Civil II - - - - -	1958	Symons, Frederick John Walter, Electrical I - - - - -	1960
Chan, Chee Wah, Civil II - - - - -	1959	Temby, Allen Christopher, Electrical I - - - - -	1960
Dawson, Anthony James, Civil I - - - - -	1959	The, Gregorius Maria Swie Siong, Electrical I - - - - -	1960
Downer, John William, Civil II - - - - -	1959	Weller, Keith Russell, Metallurgical and Chemical I - - - - -	1960
Field, Graham John, B.E., Metallurgical and Chemical I - - - - -	1959	Wigg, Hugh Higham, Electrical II - - - - -	1960
Fong, Yeng Soh, Civil II - - - - -	1959	Andrews, Francis Brian, Electrical II - - - - -	1961
Gates, Malcolm John, Electrical I - - - - -	1959	Ball, John Minchin, Metallurgical and Chemical II - - - - -	1961
Haskard, Malcolm Rosslyn, Electrical I - - - - -	1959	Bamford, Robert Leslie, Mechanical II - - - - -	1961
Hercus, Robert William, Mechanical I - - - - -	1959	Beacham, Kenneth William, Electrical II - - - - -	1961
Hoepner, Robert John, Mechanical I - - - - -	1959	Cameron, Robert Alastair, Metallurgical and Chemical I - - - - -	1961
Kelly, Robert John, Metallurgical and Chemical I - - - - -	1959	Chong, Chow Pang, Mechanical II - - - - -	1961
Kennedy, Michael Brian, Electrical I - - - - -	1959	Clayton, Peter Scott, Metallurgical and Chemical II - - - - -	1961
Khor, Teik Hean, Michael, Electrical II - - - - -	1959	Hart, John Austin, Metallurgical and Chemical II - - - - -	1961
Northote, Geoffrey Graham, Mining I - - - - -	1959	Hawryszkiewicz, Igor Titus, Electrical I - - - - -	1961
Oh, Kong Yew, Civil I - - - - -	1959	Howe-Fleming, Robert, Civil II - - - - -	1961
Robinson, Michael Laurence, Mechanical I - - - - -	1959	Inglis, Geoffrey Russell, Mechanical I - - - - -	1961
Sag, Andrew Gabriel, Mechanical I - - - - -	1959	Jones, Trevor Robert, Civil II - - - - -	1961
Schmid, Laurence John, Civil I - - - - -	1959	Kelly, Bryan Llewellyn, Metallurgical and Chemical I - - - - -	1961
Schwartz, Barry Watler, Civil I - - - - -	1959	Lee, Yee Cheong, Electrical I - - - - -	1961
Stee, Graham Haughton, Mechanical II - - - - -	1959	McKay, Brian John, Electrical II - - - - -	1961
Tam, Chat Tim, Civil II - - - - -	1959	Miller, Michael Joseph, Electrical II - - - - -	1961
Toh, Kim Thy, Civil I - - - - -	1959	Muller, Roland John, Mechanical II - - - - -	1961
Wigglesworth, Sidney Thomas, Mechanical II - - - - -	1959	Potter, Barry James, Electrical II - - - - -	1961
Biggins, George Edward, Electrical II - - - - -	1960	Read, Anthony Llewellyn, Civil I - - - - -	1961
Bishop, Michael Marriott, Mechanical I - - - - -	1960	Rimmer, David Barry, Civil I - - - - -	1961
Brooks, Bruce Allen, Civil II - - - - -	1960	Scales, Peter James, Civil I - - - - -	1961
Clegg, Michael John, Metallurgical and Chemical II - - - - -	1960	Schroeder, Harold, Civil I - - - - -	1961
Cox, John Baxter, Civil I - - - - -	1960	Shepherd, Kenneth John, Civil II - - - - -	1961
Davis, Bruce Raymond, Electrical I - - - - -	1960	Sim, Cheok Lim, Civil I - - - - -	1961
Dunn, Melville Desmond, Mechanical II - - - - -	1960	Truscott, Edward Glen, Civil I - - - - -	1961
Gottschall, Martin, Mechanical I - - - - -	1960	Wallace, Peter Richard, Electrical II - - - - -	1961
Johns, Rodger Norman, Civil I - - - - -	1960	Wilson, Christopher John, Mechanical II - - - - -	1961
Jorgensen, Francis Richard Arthur, Metallurgical and Chemical I - - - - -	1960	Bishop, Peter Joseph, Metallurgical and Chemical IIA - - - - -	1962
Karolyi, George, Electrical I - - - - -	1960		
Kilpatrick, Iain David, Electrical II - - - - -	1960		
Leong, Luen Kit, Electrical I - - - - -	1960		
Messenger, Malcolm James, Metallurgical and Chemical II - - - - -	1960		

Choong, Thong Cheong, Mechanical IIB - -	1962	Adams, Jeremy Sorby, Metallurgical and Chemical I - - - - -	1963
Collins, David Anthony, Metallurgical and Chemical IIB - - - - -	1962	Blandy, Charles William Douglas, Metallurgical and Chemical IIB - - - - -	1963
Colliver, Anthony David, Mechanical I - -	1962	Carmichael, Keith Ernest, Metallurgical and Chemical I - - - - -	1963
Culley, Murdoch, Mechanical IIA - - - -	1962	Collier, Alan William Gordon, Metallurgical and Chemical IIB - - - - -	1963
Foot, Colin John, Mechanical IIB - - - -	1962	Cooper, Dennis Neil, Electrical Engineering I	1963
Frick, Anthony James, Civil I - - - - -	1962	Flower, Ian Cameron, Mechanical I - - -	1963
Gunaratnam, Daniel, Civil I - - - - -	1962	Fryer, Colin, Metallurgical and Chemical I -	1963
Hale, Malcolm Robert, Mechanical I - - -	1962	Haddow, Ian Hamilton, Metallurgical and Chemical IIB - - - - -	1963
Haskard, Donald Leith, Electrical I - - -	1962	Lorenz, Ross, Metallurgical and Chemical IIA	1963
Hoh, Kiang Hoy, Civil IIA - - - - -	1962	Maitland, Ian Boyd Gibb, Civil IIA - - -	1963
Jansen, Geoffrey Clive, Mechanical I - -	1962	Marrett, Robin Allan, Metallurgical and Chemical IIB - - - - -	1963
McIntosh, Andrew Locheil, Mechanical IIB	1962	Morgan, Garth Alan, Mechanical Engineering IIA - - - - -	1963
Ooi, Boon Teck, Electrical I - - - - -	1962	Phillips, Colin Rex, Metallurgical and Chemical IIA - - - - -	1963
Pascoe, Timothy Lawrence, Civil I - - - -	1962	Rehn, Peter Francis, Electrical I - - - - -	1963
Phillips, John Townley, Civil I - - - - -	1962	Rogers, Peter Lindsay, Metallurgical and Chemical I - - - - -	1963
Robinson, Philip Arthur, Mechanical I - -	1962	Shimmin, Edward William, Electrical IIB -	1963
Rogers, Kerry Llewellyn, Metallurgical and Chemical IIB - - - - -	1962		
Smith, Brian Ewan, Civil IIB - - - - -	1962		
Sobolewski, John, Electrical IIA - - - - -	1962		
Stokes, Roger David, Civil I - - - - -	1962		
Thyer, George Maitland, Mechanical IIA -	1962		
Vladcoff, Adrian Nicholas, Electrical I -	1962		
Vu, The Bao, Electrical I - - - - -	1962		
Zockel, Manfred, Mechanical I - - - - -	1962		

HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE

Williams, David Reginald Glyndwr, Applied Chemistry I - - - - -	1961	Sivour, Neil Graham, B.App.Sc., Applied Chemistry IIA - - - - -	1963
Armstrong, Graeme John, B.App.Sc., Applied Chemistry I - - - - -	1962		

HONOURS DEGREE OF BACHELOR OF ARCHITECTURE

Griggs, Arden Michael, I - - - - -	1961	Jensen, Peter Rolf, I - - - - -	1963
Russell, John Victor, II - - - - -	1961	Lapsys, Antanas Tomas, II - - - - -	1963
Hauser, Robin, II - - - - -	1963	Pikusa, Stefan Adam, I - - - - -	1963

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Hawkins, Henry Stuart, Agronomy IIB - - -	1958	Simons, David Henry, B.Ag.Sc., Plant Physiology IIA - - - - -	1961
Van Velsen, Reuben John, Plant Pathology IIA	1958	Taylor, Brian Kenwyn, B.Ag.Sc., Plant Physiology I - - - - -	1961
Kennedy, Geoffrey Sydney, B.Ag.Sc., Agronomy IIA - - - - -	1959	Theng, Kian Goan, Benny, B.Ag.Sc., Soil Science I - - - - -	1961
Taylor, James Bruce, Plant Pathology IIA -	1959	Bottrill, Dean Edward, B.Ag.Sc., Agricultural Biochemistry IIB - - - - -	1962
Williams, Baden George, B.Ag.Sc., Soil Science IIA - - - - -	1959	Burford, John Roland, B.Ag.Sc., Soil Science IIB - - - - -	1962
Dodman, Robert Louis, B.Ag.Sc., Plant Pathology I - - - - -	1960	Hicks, Peter George, B.Ag.Sc., Plant Pathology IIB - - - - -	1962
Fawcett, Robert Graham, B.Ag.Sc., Soil Science I - - - - -	1960	Murray, Andrew Walter, B.Ag.Sc., Agricultural Biochemistry IIB - - - - -	1962
Moller, William John, B.Ag.Sc., Plant Pathology IIA - - - - -	1960	Pratt, Bryan Harry, Plant Pathology IIA - -	1962
Ross, Maxwell Alexander, B.Ag.Sc., Plant Physiology IIA - - - - -	1960	Puckridge, Donald William, B.Ag.Sc., Agronomy I - - - - -	1962
Wells, Julian Richard Este, B.Ag.Sc., Agricultural Biochemistry I - - - - -	1960	Randles, John Wesley, B.Ag.Sc., Plant Pathology IIA - - - - -	1962
Young, Richard Scott, B.Ag.Sc., Agronomy IIA - - - - -	1960	Scott, Nigel Steele, B.Ag.Sc., Agricultural Biochemistry IIB - - - - -	1962
Basson, Alfred Graham, B.Ag.Sc., Entomology IIA - - - - -	1961	Burgoyne, Leigh Alexander, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1963
Djakusumah, Taty Rahmatiah, B.Ag.Sc., Entomology IIA - - - - -	1961	Clay, Roger Edgcumbe, B.Ag.Sc., Plant Breeding IIA - - - - -	1963
Edwards, David George, B.Ag.Sc., Soil Science I - - - - -	1961	Gayler, Kenwyn Ronald, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1963
Muljadi, Djojmartono, B.Ag.Sc., Soil Science IIA - - - - -	1961	Luxmoore, Robert John, B.Ag.Sc., Agronomy IIA - - - - -	1963
Radcliffe, John Clive, B.Ag.Sc., Agronomy IIA - - - - -	1961		

HONOURS DEGREE OF BACHELOR OF LAWS

For previous lists see Calendars from 1961

Comish, William Rodolph, I - - - - -	1960	Kelly, David St. Leger, II - - - - -	1961
Prior, Graham Clifton, I - - - - -	1960	Clark, Sandford Delbridge, II - - - - -	1962
Debelle, Bruce Malcolm, II - - - - -	1961	Finnis, John Mitchell, I - - - - -	1962
Gervasi, Ila Lydia, II - - - - -	1961	Jarvis, Deane Graham, II - - - - -	1963

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere	1946	Heuzenroeder, Rudolph Hermann	1913
Abbott, Herbert Lewis	1933	Heuzenroeder, William Ritter	1929
Adcock, John Bartlett	1931	Hilton, Keith Denver	1947
Alderman, Henry Graham	1917	Hodby, Herbert Charles	1922
Alderman, John Kevin	1938	Holland, George Harold	1920
Alderman, John Robinson	1950	Holland, William Corin	1909
Alderman, Patric Graham	1961	Homburg, Hermann	1896
Anderson, Neville Paul	1962	Homburg, John Hamilton	1939
Ashton, Edward James Wilberforce	1896	Homburg, Remolf	1929
Ashton, Thomas Edward	1941	Homburg, Robert	1897
Astley, Michael John	1950	Humby, Rexton James	1943
Atkinson, Alfred Harris Owst	1900	Hunt, William Robert	1919
Badger, Magnus	1918	Hutchison, Charles Vernon Stuart	1937
Bakewell, William Kenneth	1908	Innis, Kenneth Norman	1925
Beerworth, William Carl	1932	Jacobs, Samuel Joshua	1946
Bennett, Henry Trevor	1949	James, Alfred Charles	1899
Boucaut, Douglas le Rey	1927	Jessup, George Aubrey	1933
Boucaut, George Hiles	1906	Johnson, James Howard	1900
Boucaut, Ian Penn	1930	Johnston, Laurence Frederick John	1931
Brebner, Charles Ross	1953	Jordan, David Wallace	1949
Bright, William Stuart	1904	Kearney, Beasley James William	1925
Buttrose, Murray	1927	Kents, Frederick Phillips	1909
Carne, Alfred George	1931	Kennedy, Donald Angus	1904
Cheek, Reginald Heithersay	1921	Kerin, William Francis	1944
Ciberas, Stasys	1956	Kinnane, Alexander John	1935
Claridge, Philip James	1947	Kirkman, Kenneth Hainsworth	1918
Clark, John Osborne	1935	Lake, Clement William Hingston	1907
Clarke, Laurence Eric	1920	Leslie, John	1922
Cleland, Peter Fullerton	1939	Lewis, Stanley Heathcote	1927
Cleland, Thomas Erskine	1919	Little, Egbert Percy Graham	1898
Cocks, Arthur Wellesley	1936	McCann, William Francis James	1925
Collins, Dean Francis	1947	McCarthy, James Crimeen Ellery	1925
Collison, Frank Lloyd	1926	McCarthy, Neil Douglas	1955
Colquhoun, Colin Roy	1928	McEntee, Kevin Vincent	1931
Coventry, Charles James	1911	McEwin, George	1897
Cresswell, George Edwin	1929	McGee, Edward Patrick	1933
Cutlack, Peter Robert	1926	McGee, John	1916
Daly, Kevin Joseph	1943	Mackay, Alan Justin	1936
Davenport, Arthur Vernon	1916	Mackenzie, Charles Norman	1909
Davey, John Ryan	1938	McLachlan, Ian	1932
Davey, Robert Shannon	1915	McLeay, Marshall John	1927
Davies, Cecil Ernest	1928	Magarey, Ashley Henderson	1932
Davis, Raymond William	1934	Marshall, John	1951
Davison, John Hubert Hawdon	1908	Martin, Hugh Wallis	1920
Davoren, Michael Dominic	1940	Mathews, Llandaff Brisbane	1924
Davoren, Thomas Anthony Francis	1937	Matison, Victor Charles	1945
Dawe, Reginald Stanley	1936	Matulich, Ross Noel	1949
Denny, William Joseph	1908	Mellor, James Corry	1949
Dow, Ian Baird	1949	Mellor, Thomas Reginald	1915
Edmunds, Keith Stacey	1937	Menzies, Stewart Keith	1937
English, John Arthur	1952	Michell, George Wilfrid	1920
Ferdinandy, Laszlo	1958	Michell, John Elsome	1923
Fischer, Robert John	1949	Millhouse, Vivian Rhodes	1925
Fisher, Francis Robert	1949	Mills, Elliott Whitfield	1940
Fisher, Guy	1920	Mollison, Thomas	1928
Fleming, Stanley Hugh	1902	Morris, Gronwy Lewis	1932
Fletcher, John Weld	1940	Muirhead, Henry Mortimer	1909
Fox, John Henry	1895	Mullighan, Edward Picton	1962
Fricke, Malcolm Swanson	1956	Mutton, Carlyle Herbert	1938
Gelston, Hedley Ringrose	1914	Napier, Robert Mellis	1936
Genders, Alexander Forbes	1949	Nesbit, Hubert Gordon Pariss	1915
Gibson, Reginald Mends	1923	Nesbit, Lancelot Julian	1925
Gifford, Alfred Silva Harrill	1919	Nesbit, Reginald George	1900
Giles, Acland	1905	Newman, Douglas Ralph	1949
Gillman, Joseph Fisher	1921	Newman, Lloyd Kingsley	1962
Goldsworthy, Napier Lytton	1949	Newman, Ralph Frederic	1921
Goldsworthy, Spencer Gordon	1916	Nicholls, Theodore Henry	1900
Goldsworthy, William Beazley	1903	Nickolls, Peter Michael	1952
Goode, David Russell	1949	Nitschke, Galva Dennis	1954
Goode, Evan Anderson	1926	Nuske, Sydney Gordon	1954
Gordon, Leslie Kenneth	1947	Odlum, Reginald Lance	1937
Grubb, Roy William	1949	O'Grady, Francis Ignatius	1939
Gun, Anthony Townsend	1963	Owen, William Frederick	1906
Gun, Clement Townsend	1920	Pavy, Emily Dorothea, B.A.	1928
Gun, John Townsend	1953	Pavy, Gordon Augustus	1924
Gun, Lloyd Townsend	1949	Pearce, Peter Sydney	1956
Hague, Percy	1897	Pearson, Charles Mason	1917
Hall, Robert Fishburn	1936	Penny, Bertram Stephens	1908
Harders, Clarence Waldemar	1943	Philcox, Claude Joseph Owen	1929
Hardy, John Scott	1926	Povey, Edward	1916
Harford, Basil Beverley	1928	Power, Louis Bertrand	1937
Hargrave, Charles Townshend	1904	Puddy, Albert Forwood	1934
Hargrave, Lancelot Morton Spiller	1921	Pyne, William Ewart	1915
Harry, Richard Varley	1937	Rankin, Henry Oliver Arthur	1912
Hay, Frederick Dean	1934	Reed, Douglas	1940
Hayward, Cedric Charlie	1923	Reeves, Charles Wheatley	1924
Healy, Kevin John Bernard	1915	Regan, James William	1913
Heseltine, Samuel Richard	1903	Reid, Walter Gliddon	1909
		Reilly, Matthew Leonard	1939

Roberts, Donald Arthur	1912	Tapley, Willis Wayte	1909
Rollison, Gerald Dominic	1927	Treloar, James Leonard Sydney	1923
Rollison, William Alexander	1915	Tucker, Reginald Mervyn	1915
Ronald, Stewart Douglas	1910	Vandenbergh, William John	1896
Rutter, George Lyall	1920	Von Bertouch, Leopold	1920
Rymill, Arthur Campbell	1928	Von Doussa, Stanley Bowman	1901
Sampson, Joyce Holman	1952	Von Doussa, William Louis	1924
Sanderson, Kenneth Francis Villiers	1918	Wald, Irving Dale	1923
Shepherd, Joseph Scoresby	1899	Wallace, Anthony Verschuer	1960
Shepherd, Scoresby Arthur	1957	Wallace, James Angove	1961
Smith, Frank Seymour	1914	Wallace, Norman Verschuer	1920
Smith, Francis Villeneuve	1906	Ward, Henry Torrens	1900
Smith, Francis Vyner	1960	Warren, Sydney John	1911
Smith, Paul Teesdale	1920	Weaver, Alfred Charles	1903
Solomon, Helen Ethel	1933	Webb, Beecher Noel	1930
Solomons, Phillip Roland Nathan	1939	Whimpress, Thomas Abraham	1934
Somerville, Archibald John	1952	Wilkinson, John Maynard	1962
Sowry, Peter Reginald	1960	Williams, Dudley Charles Call	1946
Sparrow, Cyril Keith	1921	Williamson, James Aubrey	1925
Stokes, Robert Francis	1938	Worth, Frank Lindsey	1932
Sutherland, Allan James Lavis	1919	Wright, Sydney Charles Grenville	1923
Swan, William Alfred	1948	Yelland, Dene Sturt	1930
Sweeney, John Grant	1915	Young, Martin	1933
Sykes, Howard de Pledge	1936	Ziesing, George Ignatius	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Day, Florence Muriel	1913
Adamson, Myrtle Gwendoline	1918	Dick, Pauline May	1950
Alexander, Mary Vera	1917	Dix, Jessica Laura	1928
Allgrove, Beatrice Jane	1936	Edwards, Herbert Percival	1922
Anderson, Jean	1936	Ekers, Theodora Allman	1930
Andrew, Una Lois	1915	Evans, Bert	1913
Ashton, Kathleen Anne	1935	Ewing, Violet Emily	1958
Attwell, Edna Marie	1918	Ey, Kathleen Elsie	1938
Badenoch, Constance Mary	1921	Finch, Laura Evelyn	1932
Bampton, Alfred John	1915	Fisher, Helena Catherine	1924
Barbour, Dorothy Jean	1928	Flaherty, Annie Josephine	1907
Barnden, Vina Melba	1933	Foale, Harold Robert	1925
Barry, Margaret Mary	1927	Francis, Bessie	1925
Basedow, Ivy Marie	1912	Francis, Violet Leone	1929
Bates, Edgar Clarence	1929	Freeman, Ivy Gwendolen McLeod	1931
Baulderstone, Clarice Moore	1923	Gallasch, David Russel	1957
Bettcher, Lila Margaret	1955	Gard, Harold John	1918
Bice, Brenda Mae	1957	Gehling, Ronda Beryl	1940
Black, Edward William	1923	Gersch, Paul Johannes	1954
Booth, Jean Marie	1941	Geyer, Clem August	1922
Bowen, Gordon Melville	1935	Giles, Allan Leonard	1949
Brand, Marguerite Mary	1958	Gill, Hilda Beatrice	1916
Brindal, Ellen Grace	1922	Gillespie, Jean Katherin	1937
Brooks, Doreen Mavis	1940	Glatz, Laurina Ruby	1929
Brooks, Merle Olive	1942	Gmeiner, Clarice Haidee Beatrice	1924
Brown, Kathleen Mary	1917	Goss, Lucy Vera	1909
Bruggeman, Martha Dorothy	1904	Goyder, Patricia	1937
Burnard, David Alexander	1925	Grange, Marilyn Lyle	1962
Butcher, Rosalie Anne	1963	Gray, Lorna Dorothy	1950
Byrne, Mary Teresa	1927	Gray, Marylouise	1957
Cadd, Hartley Blair Hogarth	1951	Griffiths, George Townsend	1914
Cann, Melvyn Roy	1962	Griggs, Arden Michael	1957
Carmichael, Doris Darby	1923	Groth, Fred	1929
Catt, Shirley Pearson Clifford	1938	Grosser, Eileen May	1924
Chapman, John Pearce	1958	Gunning, Shelley Anne Stannus	1958
Chappell, Glenys Melba	1961	Gurner, Ruth Eleanor	1962
Chappel, Phyllis Harvey	1924	Hakendorf, Carmel Mary	1947
Cheek, Alan Carvosso	1929	Haese, Beth Theodora	1940
Cheek, Muriel Elizabeth	1900	Hales, Malcolm Roy	1948
Christiansen, Desmond James	1963	Hancock, Mary Frewin	1928
Cilento, Gladys Muriel West	1913	Hantke, Ethel Hilda Hedwig	1902
Cleverly, Diane	1963	Hartmann, Sonia Annette	1960
Cockburn, Julia Evelyn	1930	Harvey, Faith Fairbank	1943
Coleman, Rosemary Ann	1955	Hearne, Janice Lesley	1962
Collins, Ella Mary	1916	Heck, Judith Anne	1958
Collins, Yensie Margaret	1937	Henry, Gladys Amy Thelma	1926
Commene, Teresa Audrey	1938	Hine, Clytie May	1908
Coonan, Mary Madeline	1955	Hoche, Edith	1908
Coonan, Rita Norlean	1919	Hogon, Eileen Margaret	1917
Coumbe, Hurtle Harold	1912	Holder, Alison Joyce	1938
Counter, Beryl Cole	1924	Holman, Frank Reginald	1919
Cowan, Diana Jean	1960	Holmes, Patricia Langley	1948
Cozens, Vida Victoria	1928	Hooker, George	1945
Craig, Margaret Heather	1955	Horgan, Lillian Veronica	1936
Crampton, Daisy Myrtle	1945	Hounsell, Marjorie Nora Drew	1938
Cresswell, Muriel Blanche Lillecrapp	1925	Howard, Winnifred Jean	1917
Cronin, Alice Elsie	1937	Hurn, Mavis Lacey	1926
Curry, Shirley-Anne	1955	Hyde, Miriam Beatrice	1928
Daenke, Dorothy Lucy	1929	Ingham, Myrtle Lavinia	1916
Davy, Rubia Claudia Emily	1903	Jacobs, Doreen Miriam	1938
d'Arcy-Irvine, Alice Bond	1913	James, Doris	1912

James, Vida Margretta	1917	Reimann, Hilda Marie	1912
Jones, Lewis La Vence	1919	Reimann, Leta Edith	1932
Joyce, Kate	1904	Renou, Jean Lois	1923
Kartomi, Margaret Joy	1961	Riedel, Melita Wanda	1918
Keen, Lillian Guard	1920	Roach, Mary Moyle	1910
Kemp, Francis Joseph Edmund	1928	Roberts, Winifred Sophie	1911
Kemp, Marion Kirkwood	1903	Robinson, Mary Patricia	1935
Kernode, Merrowyn May	1961	Rofe, Joyce Newton	1933
King, Margaret Jessica Esmee	1956	Rowe, Deirdre Millstead	1963
Kinmont, Rosamond	1924	Rowe, Elsie Maud	1919
Klose, Patricia Mary	1950	Rowe, Florence Nellie	1914
Kneebone, Joan Adelaide Cavell	1938	Rozelaar, Marie	1960
Knowling, Gwenda	1952	Rudemann, Elsa Wilhelmine	1903
Kollosche, Samuel	1910		
Lakin, Angela Mary	1963	Sansom, Joyce Mary	1940
Lambert, Margaret Ann	1960	Sara, Lily Emmaline	1916
Langford, Joan	1952	Sayers, Alice Mabel	1901
Lawton, Josephine Margaret	1956	Scammell, Ethelwyn	1910
Lee, Marjorie Freda	1926	Schramm, Kathryn	1954
Leonard, Mary Joselyn	1956	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Levy, Juliette Isabelle Hinde	1961	Shapley, Dorothy Alice	1939
Lindh, Carlene Margaret	1958	Shephard, Beatrice Joan	1935
Litchfield, Jean Rainsbury	1926	Shipway, Margaret Elizabeth	1953
Lodge, Elizabeth Florence Cranston	1953	Short, John Thomas Gordon	1907
Luxton, Jean Estcourt	1952	Siggs, Meredith Lillian	1961
McDermid, Neil Harvey	1956	Simcock, Hilda May	1917
McDonald, Marjorie Jean	1962	Sinclair, Jean Lily	1924
McGrath, Constance Cecily	1926	Slee, John Stevens	1952
McGregor, Dorothy Mary	1930	Smith, David Aitchison	1960
McKinnon, Clara Elizabeth	1942	Smith, Imelda Catherine	1930
McLaughlin, Eric Enstone	1926	Smith, Margaret Joan	1950
McMahon, Mary Carmel	1955	Solomon, Betty	1930
Macpherson, Margaret Webster	1957	Spehr, Francesca	1901
Mallon, Alice Mary	1923	Spriggs, Harriet Rosetta	1919
Manning, Hilda Mahala	1902	Stoneman, Doreen	1921
Marker, Lois Beatrice	1951	Stoneman, Olivia Charlotte	1930
Marrett, Hannah Olive	1926	Summers, Phyllis Harvey	1930
Martin, Thelma Dorothy	1917	Swincer, Patty	1948
Matters, Arnold Hatherleigh	1926	Symon, Elizabeth Jean	1959
Mayfield, Vera Selina Gwendoline	1927		
Mead, Janet Carolyn	1959	Taylor, Gladys Leslie	1908
Mears, Kathleen Devenish	1955	Taylor, Jean Rosabelle	1926
Meegan, Alice	1922	Terry, Athalie May	1960
Meegan, Kathleen Mary	1917	Thomas, Sylvia Caroline Curtis	1921
Merchant, David John	1952	Thrush, Annie Vera	1915
Mewkill, Paula Mary	1915	Tidemann, Ernest Phillips	1927
Mills, Gene Louise	1950	Tonkin, Phyllis Anna	1923
Mitchell Elizabeth Anne	1956	Tosolini, Palmira Rose	1951
Morley, Evelyn Mabel	1925	Treloar, Fay	1957
Morton, Mary Ruth	1931	Trenergy, Thora	1944
Murray, Joan	1954	Tuck, Joyce Edith	1940
		Tuck, Vivien Margaret	1934
Narroway, Peter Kingsford	1951	Tunks, Flora Marion	1931
Naylor, Ruth Winnifred	1924		
Norman, Jean Margaret	1928	Vardon, Daisy	1914
Oldham, Dorothy	1914	Verco, Alison Martha	1950
Paddon, Una Margery	1920	Verco, Gladys Kathleen	1928
Paley, Clifford Arnold, B.A.	1941	Vick, Lloyd Winston	1937
Palmer, Ethel Rose	1918	Virgo, Jean Ysobel	1934
Palmer, Judith Anne	1955	Virgo, Violet Myra	1919
Parham, Marlene Marie	1955		
Parkinson, Charlotte Ethel Violet	1901	Wall, Myrtle Trilby	1917
Pascoe, Philippa Mary	1947	Wallmann, Beatrice May	1909
Pearson, Kathleen Crawford	1923	Walsh, Lillian May	1926
Penalurick, Lola	1921	Warnecke, Mary Isabel	1954
Perkins, Horace James	1926	Watts, Mollie Louisa	1930
Perkins, Marie Pauline	1948	Webb, Irene Margaret Thomson	1926
Perry, Margaret Fay	1950	Wesley Smith, John Jeremy	1961
Phipps, Charlotte Lucy Barkwell	1905	Whillas, Helen May	1901
Pitcher, Alison Claire	1962	White, Elizabeth Alice	1953
Porter, James Lincoln	1957	Whittington, Clytie Myrtle	1917
Potter, Malcolm Frederick	1963	Whittington, Sylvia Muriel	1911
Prince, Jean Florence	1921	Wibberley, Brian	1908
Prince, Muriel Marjory	1923	Wiebusch, Adele Maria Dorothea	1924
Puddy, Betty Froome	1931	Williams, Hartley	1929
Puddy, Maude Mary	1900	Williams, John Alexander	1925
Pyne, Tryphena Grace	1918	Williams, Mervyn Ewart Lancelot	1924
Quick, Alison Rae	1960	Williamson, Arthur Burton	1908
		Wollaston, Margaret Thirlmere	1941
		Wordie, Ada Winifred	1918
		Zeven, Aila	1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

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

ASSOCIATES IN COMMERCE

Abbott, John Raymond	1950	Bramwell, Horace Gordon	1932
Abbott, Norman Frank	1930	Brandwood, Marie Earlston	1944
Adams, Harry	1931	Branson, Colin William	1949
Adams, Helen Jean	1929	Branson, Kenneth George	1947
Adams, John Clifford, B.Ec.	1949	Braunthal, Norman Frank	1928
Adamson, Alfred Victor	1926	Bray, Alan Claude	1926
Adamson, Harold Stanley	1921	Bray, Bruce	1940
Addicoat, Bryan John	1947	Bray, Clifford Samuel	1908
Ahrens, Frank Leo	1945	Brazel, Thomas John	1926
Aitchison, Donald Leslie Judson	1939	Brewer, John Burton	1947
Alderman, John Robinson	1937	Brice, Alan Herbert	1938
Alldritt, Donald Thomas	1951	Brice, Malcolm Hubert	1949
Allen, Jack	1937	Bridgland, Lionel Cedric	1932
Allingame, George William Davis	1935	Briskham, Alexander George Herbert	1927
Andersen, Clifford Werlin	1927	Brook, Noel Howard	1922
Anderson, John Donald	1948	Brooks, Leonard William	1956
Anderson, Murray James	1955	Brooks, Sidney Rundle	1933
Anderson, Reginald Hamp	1910	Brown, Leonard Sawtell	1926
Angel, Norman Sidney	1930	Brown, Thomas Roderick	1923
Angel, Ronald Frank	1930	Browne, Clifford Harding	1923
Annels, Herbert Edward	1908	Buckett, Claude Ernest	1940
Annels, Robert Harvey	1939	Buckley, William Clarence	1929
Arbon, Jack Fulton	1953	Bulbeck, Philip Denis	1929
Arndt, Max Raymond	1956	Burgess, Ellis Howard	1939
Arnold, Raymond Borman	1949	Buring, Eleanor Bette	1937
Arthur, Maude Jessie	1934	Burley, Arnold Robert	1939
Ashby, William Maxwell	1943	Burns, George Eric	1927
Ashton, Alec James	1935	Burr, Frederick Samuel	1926
Atkinson, Verdon Robert	1936	Butler, Tom	1939
Austin, Brian Wilson	1954	Calder, William Cormack	1913
Ayers, Margaret Jean	1937	Caldwell, Hilda Valmai	1928
Bailey, Arthur Norris	1924	Callaway, William Frank	1931
Bailey, Vanda Dorothy	1928	Cameron, Elizabeth Mary	1938
Balchin, Irene May	1924	Cameron, Roy James	1945
Balchin, Leonard Jack	1935	Campbell, Harold Duncan	1925
Baldock, Gordon Herbert	1948	Cane, Jack	1938
Bammann, Cuthbert Harvey	1938	Cant, Leonard George	1917
Bampton, John	1927	Cant, Rex Birdsey	1931
Barclay, William John	1950	Carey, Gerald David	1951
Barlow, Cecil William	1939	Carter, Alan Keith	1953
Barlow, Leslie Harris	1928	Carter, David Burleigh	1950
Barnes, Ronald David, B.Ec.	1948	Carter, Elijah	1952
Barrett, Jean Miriam	1930	Caut, Leslie George William	1921
Barter, Francis Charles	1928	Cavender, Frederick Richard	1940
Barter, Jack Lampier	1930	Chambers, John Harrold	1926
Barton, Jessie Charlotte	1929	Chappie, Keith Fletcher	1934
Basedow, Bernhard Frederick	1948	Charles, Armande Joffre	1937
Bathgate, John Pender	1916	Charlick, Derek Herbert	1939
Batt, Henry Richard Devon	1935	Chester, Glen Drummond	1938
Battye, George Harry	1924	Chettle, Walter Richard	1927
Battye, Ross	1920	Chinner, Alan George	1922
Baulderstone, Donald	1935	Christison, Margaret Jean	1940
Baxter, Donald Bruce	1950	Clark, Phyllis Mary	1939
Bayly, Edward Benjamin	1910	Clarke, Geoffrey Thomas	1923
Bayly, Ernest Edward	1924	Clarke, John Harding	1953
Bayly, George Lancelot	1929	Cobiac, Gerald Patrick	1949
Bayly, Jack Harold Fellowes	1931	Cole, Geoffrey Leonard	1950
Bayly, William Lawes	1918	Collett, Keith Lancelot	1953
Beaney, Henry Finlay	1928	Collison, Keith Tidmarsh	1941
Beauchamp, Shirley Frances	1949	Colliver, Eustace James	1928
Belcher, Milton Judson	1928	Combe, Bernard Milo	1948
Belfer, Jacob	1944	Compton, Joyce Oliver	1945
Bennie, John Smith	1938	Connelly, Joseph Kevin	1938
Berck, Lionel Neil	1945	Connelly, William Francis	1947
Berriman, Alfred Andrew	1923	Cook, Bruce Filmer	1955
Berry, Leslie Robjohns	1937	Coombe, Albert	1937
Besley, Lillian Ray	1935	Cooper, Ashley Anthony Richard	1927
Bice, Norman Percival	1950	Coote, Robert Glen	1955
Bice, Roy George	1953	Cotton, Robert Harold	1908
Biddell, Douglas Gordon	1957	Cottrell, Francis Allan	1937
Biddle, John Parr Harding	1925	Cottrell, John Ledsam	1920
Biggs, James Marshall	1925	Coulthard, Clyde Ronald	1937
Blackwell, Hazel Annie	1931	Coward, Ivan Fernley	1930
Blair, James Beaton	1925	Coward, Robert Malcolm	1930
Blair, Ruth Margaret	1940	Cowell, Davis Francis	1939
Blanch, Clement Edward	1949	Cox, Charles Wyld	1932
Bleckley, Graham William	1952	Cox, Cyril Hewitt	1928
Bloomfield, Jack Lee	1939	Craig, Ida Vera	1924
Boehm, Ernst Arthur	1945	Crane, Greta Ruby	1927
Born, Frank Ford Harker	1928	Creswell, John	1919
Bowden, Harry Frederick	1934	Crump, Hedley Lawrence	1949
Bowen, Arthur Geoffrey	1933	Curtis, Lawrance Gordon	1949
Bower, Richard David	1940	Dahlenburg, Hurtle Henry	1952
Bowes, Lindsay Burton	1947	Dahlenberg, Robert Louis	1953
Bowler, Brian John	1954	Daley, Vyvyan Lancelot	1928
Bowness, Alexander	1928	Dalton, Victor Ernest	1923
Braddock, Dudley Warwick	1938	Daniel, Claude Alfred Vaughan	1921
Braddock, Lyall Arthur	1931	Daulby, Herbert Stanley	1936
Brady, Thomas Francis	1921		

Davey, John Vernon	1953	Gale, Frederick Julius	1910
Davey, Richard Howard	1950	Garrett, Eric Mostyn	1934
Davidson, Cuthbert Hewett	1924	Garood, Philip Jesse	1938
Davis, Agnes Mary	1936	Gemmell, Alex Stuart	1936
Davis, Brian, B.Ec.	1951	Gibb, Ernest Ullathorne	1939
Davis, Bruce Frederick	1938	Gibson, Eric Ambrose	1925
Davis, James Lenton	1933	Giddings, Ian Valentine	1951
Davis, Noel Hewitson	1933	Giles, Kenneth Livingstone	1924
Davis, Rosalie Olive	1923	Giles, Stephen Alan Butler	1927
Daw, Arthur Baden Secombe	1956	Gill, Thomas Fergusson	1935
Dawbarn, Richard Bunbury	1930	Ginman, David Charles	1947
Dawkins, Harry Blinman	1939	Glastonbury, Oliver Albert Isaac	1929
Dawson, David Lancelot	1928	Glenn, Ross William	1952
Day, Colin Maxwell	1936	Gloyn, Reginald Dan	1957
Day, Frank Vernon	1935	Gluyas, Neil James	1937
Day, Ian Mostyn	1956	Golovsky, Israel	1921
Day, LaVerne Frank (surrendered 1963)	1955	Gordon, Colin Herbert	1941
Deane, Allan Nicholson	1939	Gordon, Douglas Maitland	1938
Deer, Eynon John Cullimore	1954	Gosden, Robert Byron	1949
Denton, Samuel Bowcher	1928	Gramp, Sidney Douglas	1941
Dermott, Alice May	1932	Grant, Kenneth Jack	1929
Dermott, John Edwin	1921	Grant, Wallace Dale	1955
Dewar, Peter Ferguson	1951	Gray, Gilbert William	1923
Dickson, Ronald Archibald	1952	Green, Lawrence Goodwin	1928
Dobson, Alfred James	1909	Greenham, Alfred Howard	1923
Dodd, Robert Hedley, B.A.	1947	Greig, William Ronald	1929
Donaldson, John Monfries	1941	Grimwade, Erica Fielding	1955
Donnell, Leslie John	1939	Gubbins, Geoffrey Garfield	1953
Dowie, Jean Phillis	1935	Haddad, Victor	1938
Dowling, Crosby James	1951	Hamilton, Frank Douglas	1940
Downs, Claude Edmund	1932	Hammann, Arthur Edwin	1927
Downs, Donald Archibald	1938	Hand, Allan	1934
Drabsch, Leo John	1948	Hand, Milton John	1948
Duffield, Gordon Llewellyn	1936	Hanley, Alice	1939
Duldig, Milton Edwin	1939	Hann, Maxwell Keith	1938
Duncan, John Bayfield	1953	Hannan, Edward Graham	1947
Dunn, Raymond Keith	1950	Hannon, James	1952
Dynon, William Ralph	1951	Harlow, James Keith	1941
Easson, Leonard John	1932	Harnden, Jack	1952
Eddy, John Edwin	1934	Harnett, William Edwin	1948
Edson, Eileen Mavis	1930	Harper, Ronald George	1935
Edwards, Alfred John	1933	Harrell, Max Ambrose	1952
Edwards, Colin Arthur	1930	Harris, Frank Randall	1949
Edwards, Edgar Morton	1941	Harris, Norman Alexander	1934
Edwards, Ernest Albert	1937	Harris, Robert Oxenberry	1951
Edwards, Stanley Herbert	1941	Harris, Ronald Firth	1939
Effick, Henry Birrell	1924	Harris, Russell Hope	1912
Elliott, Melya Gwendoline Vivian	1931	Harrison, William Frank	1903
Ellis, Fred Leon	1939	Harvey, Keith William	1952
Ellis, Kevin Clifford Keith	1934	Harwood, Ralph Felix	1952
Emery, Garth Charles	1941	Haslam, Alan Francis	1935
Eriksen, Theodore Henry	1953	Hastwell, Robert Duncan	1950
Errington, Edna Jean	1931	Hawkins, Alfred Raymond	1947
Evans, Horace Clement	1938	Haydon, Colin Maurice	1951
Evans, Ronald Dennis	1949	Haynes, Stanley Gordon	1953
Evens, Alan Grant	1952	Hearfield, Walter George	1930
Ewens, Leonard Thomas	1930	Healy, Francis Robert	1937
Ewers, William David, B.A.	1943	Heinemann, John Bryce	1948
Ewing, William John Murchie	1952	Heitmann, Colin Richard	1950
Fahey, George Ambrose	1923	Hendry, Campbell Alexander	1914
Farquhar, Donald Reginald	1929	Hewett, Robert Alfred	1955
Farrell, Edward William	1949	Hiatt, Jack Thomas	1935
Faull, Kevin Barton Woodfield	1950	Hiddle, Eugene Hayes	1953
Favilla, Domenico Raffaello	1939	Hieser, Ronald Oswald	1943
Fewell, Stanley William	1934	Higginbottom, Edwin John, B.Ec.	1955
Filsell, Geoffrey Holbrook	1942	Higgins, Harry Coote	1920
Firth, Jack Leader	1937	Hill, Edward Ralph	1957
Fisher, David le Sauvage	1948	Hill, Patricia Pender	1949
Fisher, Harold Henry	1932	Hill, William Charles	1933
Fitzgerald, Teresa Catherine	1931	Hill, William Ross	1941
Fleming, Ralph Harry	1939	Hilton, Kingsley Winlo	1930
Fleming, Robert Colin	1933	Hirst, Ronald Robert	1935
Flew, John William	1950	Hoad, Sidney Arnold	1943
Fogarty, Stanley Patrick Joseph	1950	Hogben, Alfred Richard	1909
Forbes, Colin Malcolm	1952	Hogben, Horace Cox	1915
Forbes, Wilfred Roy	1934	Holland, John Neville	1955
Forrest, Peter Cameron	1949	Holmes, George Matheson	1955
Foster, Lily Dorothy	1935	Holt, William George	1924
Foxworthy, John Henry	1923	Holten, Dora May	1924
Francis, Ainslie DeLacy	1921	Homes, Alma Ivy Penelope	1927
Francis, Stanley Charles	1924	Hooper, Mervyn Perry	1926
Frayne, Jack Edmonston	1935	Hooper, Ronald Ley	1937
Fricke, Lourdes Victoria	1948	Horrocks, Charles Edgeworth	1925
Fricke, Ronald Frank	1957	Hosking, Kathleen Valerie	1953
Fritsch, Viola Phoebe	1951	Hourigan, Lloyd David, B.Ec.	1952
Frost, Ernest Martin	1949	Howard, Cornelius James	1949
Fry, Arthur Henry Percival	1910	Howard, Leonard Marie	1949
Furze, Noel Edgar	1927	Howard, Paul Francis	1949
		Howie, Douglas Cullen	1937

Howie, George Percival	1916	McEgan, Ernest William	1923
Howland, Arthur Stilville	1934	McFarlane, Maude Evans	1928
Hunwick, Ernest Frederick William	1924	McFarlane, Malcolm Ross	1952
Hunwick, Leonard William, LL.B.	1939	McGarry, Donald Martin	1936
Isaachsen, Eric Eduard	1936	McKee, Geoffrey Nolan	1935
Isaachsen, Oscar Cedric, LL.B.	1937	McKee, George Angus	1927
Isbell, William Foulkes	1952	McKee, William Albert Kenneth	1926
Jackson, Harold Ernest	1939	McKenzie, Allan John	1933
Jackson, Leslie Colin	1941	McLachlan, John Kingsborough	1954
James, Charles Kingsley	1918	McLean, Allan William	1921
Jamieson, Neil Livermore	1927	MacLeod, Ian Frederick Angus	1956
Jaunay, Donald Robert	1949	McShane, Reginald Edward	1951
Jeffery, Charles Frederick	1938	Mack, Arthur William	1925
Jeffery, George Henry	1933	Mack, Jack Hamilton	1953
Jeffery, Roy Gordon	1940	Macklin, Bruce Roy	1939
Jeffress, Leslie Charles	1928	Maegraith, Paul Reginald	1952
Jenkinson, Keith Travers	1938	Mahoney, John Joseph	1927
Jenner, Arnold Miller	1929	Malcolm, Kathleen	1933
Jennings, George	1952	Marchant, Vernon Harold	1929
Jessup, George Aubrey	1927	Marrett, Lorna Liggett	1922
John, Brian	1953	Marsden, Bruce Cecil	1951
Johns, Darby Richard	1953	Marshall, Alma Kathleen	1921
Johnson, Douglas Oswald	1949	Martin, Colin Walter	1925
Johnson, George Ronald	1939	Martin, Eric Joan	1923
Johnson, Harry Witter	1932	Masters, Reginald Keith	1938
Johnston, Noel Stuart	1950	Mathews, Hugh Charles	1951
Johnston, Verner	1949	Mathews, Reginald William	1928
Jones, Albert Stewart	1954	Mathews, Leonard George	1934
Jones, Brian Lewis, B.E.	1956	Maunder, Leonard Edward James	1926
Jones, Elizabeth May	1926	Mead, John William, B.Ec.	1953
Jones, Joyce Gertrude	1944	Meany, Thomas Francis	1948
Jones, William Henry	1952	Mehrtens, Bronte	1950
Joyce, Alan Francis	1941	Mengerson, Norman Victor	1919
Judd, Percival Richard Henry	1926	Menkins, Frank Hermann	1908
Kelly, Brian Patrick	1949	Merchant, Eric George	1948
Kelly, Hartleigh	1933	Messent, Albert Edward	1908
Kelly, Isobelle	1927	Messent, Frank Ashby	1927
Kelsey, Jack	1932	Middleton, Clement Roy	1951
Kenihan, John Dudley	1933	Miller, Colin James	1957
Kennedy, Mervyn George	1932	Miller, Gavin Robert	1918
Kerr, Trevor Grant	1954	Miller, Lyle Clark	1947
Kesting, Ernest Arthur	1930	Mills, Edward Whitfield	1915
Kilgariff, Aloysius Kevin	1951	Mills, Robert Neil	1951
King, John Bugler	1937	Minson, Charles Stanley	1930
King, Norman Reginald	1949	Mitchell, Brian John	1955
Kinnish, Florence Maud	1920	Mitchell, Bruce	1919
Kirkman, David	1908	Mitchell, John Turnbull	1938
Klisch, Josafat Marejan	1956	Mitchell, Lurline Vaughan	1933
Knight, Bernard Murray	1938	Mitchell, Shirley Eileen	1944
Knox, Rex	1949	Mobsby, Edward Tompson	1940
Koch, Othal Ludwig	1937	Moncrieff, Joan Lorimer	1925
Kumnick, Donald Kerr	1933	Moore, Walter Harry	1935
Lahiff, Arthur Stanley	1951	Moore, Warwick Grey	1935
Lambert, Anthony Wilson	1945	Morcom, Kenneth Douglas	1940
Lang, James Thomas	1937	Morphett, Michael Louis	1957
Langcake, William Charles	1940	Mortess, Eric James	1925
Langsford, Leonard Graham	1948	Mould, Francis Edmund	1927
Laphorne, Cecil Lindsay John	1948	Mount, Michael Jaunay	1951
Laughton, Robert Bruce	1942	Moyes, Cecil Clarence	1918
Laver, Robert William	1940	Moyes, Charles Robert	1913
Lenton, Leslie	1916	Moyle, John Ewart	1917
Letcher, William John	1934	Muecke, Carl Wilhelm Ludwig	1908
Lever, Cecil Harry	1939	Mullin, Brian Anthony	1930
Levett, Geoffrey Frederick	1950	Mullin, Mary Margaret	1925
Lewis, Clarence George	1924	Mullins, Francis Patrick	1926
Lewis, Rex Ernest	1930	Munro, Elizabeth Margaret	1930
Lillywhite, Bessie	1925	Murray, Donald	1930
Lindner, Walter Alfred	1955	Murray, Ronald George	1936
Lloyd, Harold Trent	1926	Mutton, Henry Edwin Howard, M.A.	1926
Loan, William Clarence	1923	Nairn, Donald Maxwell	1936
Lodge, Maurice Arnold	1929	Naulty, Reginald	1937
Loneragan, Eric Norman	1949	Nave, John Lionel	1929
Loneragan, Leo Desmond	1957	Needham, George Francis Jack	1911
Longmire, Frank Albert	1940	Nettle, Kenneth Ralph	1948
Lorimer, Robert William	1922	Neuenkirchen, Hermann Adolph Heinrich	1912
Loughrey, Arthur Bernard	1941	Newbold, Murray Charles Lewis	1949
Love, Ronald Edward Beaumont	1934	Newman, Kenneth Fisher	1928
Lowe, Kenneth Maurice	1939	Nicol, Beryl Elvira	1943
Lucas, Francis James	1953	Oakley, Lyle Beresford	1949
Lucas, Ralph Mervyn	1952	O'Brien, Paul Dominic	1937
Luxmore, John Alexander	1931	O'Dea, John Leonard	1950
Lyon, Colin Grant	1929	Odgers, Charles Edwin	1955
Lyon, James Cobbett	1925	O'Donnell, James Richard	1941
McAnaney, William Patrick	1931	O'Flaherty, Michael Sidney	1948
McAulay, John Albert Galster	1922	O'Flaherty, Reginald Kitchener	1937
McAuliffe, Lionel Frank	1934	O'Flaherty, William Edward	1951
McCarron, Philip Bernard Alphonsus	1925	O'Grady, Michael James Anthony	1950
McCarthy, John Anthony	1930	O'Grady, Oswald James	1923
McDonald, Dorothy Patricia	1935	Oliphant, Nigel Besant	1933
		Oliver, Edward Bruce	1935

Oliver, Raymond Charles	1933	Scanlan, Ronald Frederick	1951
Ophel, Ralph Burnell	1933	Schedlich, Bryan Linn	1951
Ormond, Colin William	1943	Schirmer, Gerhart Percy	1942
Osborne, Dennis James	1956	Schneider, Wilfred, B.E.	1932
O'Shaughnessy, Ronald	1957	Schumacher, Bert Edward Bernard	1933
Othams, Douglas Geoffrey	1954	Seaman, Gilbert Frederick	1935
Padgett, Dora Jane	1928	Searcy, John Dudley	1934
Paech, Richard Leonard	1947	Seddon, Gordon David LeMessurier	1939
Painter, Edward Websdale	1920	Sellars, Norman Lionel	1923
Palmer, Bruce Cole	1938	Selth, Maurice Burfitt	1938
Paltridge, Angus Lindsay	1950	Shaw, Ian William	1955
Pannell, James Ridgway	1955	Shepherd, Rupert Lloyd	1927
Parham, Geoffrey William	1954	Sheppard, Bernard Aubrey	1910
Park, Gilbert Maxwell	1923	Sheppard, John Tyndall	1928
Parker, Murray Friend	1956	Shier, Marjorie Dufty	1939
Parkinson, John Haslam	1934	Shuttleworth, Robert Thomas	1926
Parr, Harry Sidney	1916	Simmons, Donald William	1939
Parr, Stanley Robert	1949	Simmons, Peter James	1950
Pascoe, Douglas Everett	1927	Simpson, Alfred Moxon, B.Sc.	1949
Pascoe, Ronald Francis	1936	Simpson, John Favilla	1948
Patterson, Isabel Maude Holmes	1945	Sinclair, Jack	1955
Patterson, Robert Banks	1936	Slade, James Henry Gray	1938
Payne, Randolph Douglas	1948	Slape, Marcus Frank	1937
Pearce, Francis James	1952	Smith, Charles Alfred	1910
Pear, Kathleen Grace	1947	Smith, Clarice Margaret	1929
Pederick, Hubert Oswald	1929	Smith, Dawn	1949
Penglase, Ronald Clyde	1954	Smith, Eileen Milton	1930
Pentelow, Edith May	1929	Smith, Henry Morris	1928
Perriam, Clifford Allan	1937	Smith, Isaac Francis	1923
Perriam, Eric Charles	1939	Smith, Kenneth Brian Innes	1949
Peterson, Ronald John	1937	Smith, Leslie Hamilton	1953
Phelps, Winifred Annie	1925	Smith, Margaret Shea	1950
Philcox, Claude Joseph Owen	1923	Soar, Dudley Turner, B.Ec.	1953
Pike, Vernon Horace Charles	1937	Soar, Harold Arnold	1953
Pitche, Ronald Samuel	1923	Solly, Hubert Ambrose	1913
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, Olly Beata	1931	Thomas, Harold Clarke	1908
Ringwood, Robert Ainslie	1939	Thomas, Jack	1928
Rippin, John William	1949	Thompson, Frederick Aubrey Jones	1929
Roberts, James Andrew	1935	Thompson, Jack	1949
Roberts, Kenneth James	1949	Thompson, Terence Dudley	1949
Roberts, Ronald Theodore	1953	Thredgold, Lorna Wynn	1944
Robertson, George Oliver	1908	Thurston, Frank Harris	1923
Roennfeldt, John William	1937	Thyer, Walter Vernon	1921
Rooney, John Francis	1928	Tilbrook, Kevin Townsend	1949
Rose, Vivian Clement	1933	Tillett, Arthur Colin	1930
Rowe, George Eddy	1951	Todd, Beryl Nance	1940
Rungie, Maxton Keith	1934	Topperwein, Jessie Jeanette	1925
Rush, Douglas Bartlett	1949	Travers, Edward Ambrose	1923
Rush, Herbert Stanley	1934	Treleaven, Ross	1950
Russack, Frederick William, jun.	1927	Treloar, Ronald William	1949
Ryan, William John	1927	Trigg, Frank Elliot	1926
Safra, Benjamin Louis	1950	Trimmer, Noel Donavan	1950
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

Turner, Mervyn Richard	1938	White, Wilfred Allan	1940
Turner, Percy	1913	Whitridge, Gladstone Keith	1920
Turner, Raymond Stanmore	1930	Whittenbury, Vernon Frank	1949
Twiss, William Wilmott	1935	Whittle, Ralph Keith Linhome Cresdee	1952
Underhill, Joseph Douglas	1950	Whitwell, Bruce Dowland	1934
Valentine, Thomas George	1950	Wickes, Donald William	1937
Vawser, Leeson William	1920	Wildy, Mervyn Arthur George	1950
Vawser, Frank Derwent	1925	Wilkie, Alan John	1957
Vawser, Noel Keith	1941	Wilkins, Ada Dorothy Marion	1927
Verco, Wilfred Douglas	1940	Williams, Albert Bruce Wauchope	1925
Vincent, Harry	1932	Williams, Edward George	1934
Vincent, Mary	1935	Williams, Eric Spencer	1922
Viney, Lawrence George	1940	Williams, Gilbert Raymond	1953
Virgo, Ronald Gilmour	1937	Williams, John Carter	1917
Wagstaff, Ronald	1937	Williams, Kenneth Douglas	1951
Wahlqvist, Hugo Carl	1923	Williams, Norman Lindsay	1951
Walsh, Geoffrey Roberts	1937	Williams, Ronald Bannister	1937
Waldeck, Reginald David Chapple	1933	Williams, Zena Vera	1926
Walkington, Newton Gilbert	1934	Williamson, Harold Edgar	1926
Walkley, John Daniel Clifford	1957	Wilson, Aileen Elsie	1952
Wallage, John Douglas	1955	Wilson, William Norman	1950
Walsh, Paul	1941	Wilton, James Hardy	1954
Walter, Hugh Garthwaite Ephraim	1938	Winch, Ronald Thomas	1954
Wardman, Charles Howard	1941	Winter, Claude Howard Stanley	1914
Wauchope, James George Neilson	1911	Wood, Alfred Evelyn	1909
Webb, George Carlile	1938	Wood, Maurice Garnet	1938
Werfel, Mavis Jean	1948	Woolcock, Alan Burnett	1939
West, Kenneth Charles	1951	Woolcock, Royal Johnston	1928
Wheeler, Horace Roseby	1911	Wright, Dorothy Maud	1929
Whelan, Patrick John	1937	Wright, Robert Samuel	1941
White, Godfrey Alfred	1947	Wyett, Ernest Stanley	1931
White, Jack Walter Robert	1950	Young, Norman Smith	1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	James, Henry John	1955
Aistrope, Donald William Anderson	1959	Jeffery, Charles Frederick	1934
Anthoney, Ernest	1950	Johnson, Maxwell Colin	1953
Ashenden, Herbert John	1957	Kay, Harold Edwin	1938
Belchamber, Kenneth Charles (surrendered 1963)	1959	Laver, Robert William	1952
Belcher, Milton Judson	1937	Lawton, Richard William	1961
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
Cattermole, Allan Jefferson	1963	Menear, Ira, B.A.	1953
Cavalier, Elizabeth Mary	1943	Messent, Esther Mary, B.A.	1936
Clark, James	1938	Millard, Clifford James	1933
Collett, Kenneth James	1953	Mitchell, William Robert, B.E.	1956
Combe, Bernard Milo	1937	Naylon, Augustin James	1934
Cook, Gordon James, B.Ec.	1948	Ormond, Colin William	1949
Coombe, Albert	1932	Pollnitz, Percy Frederick	1938
Coombe, Samuel	1936	Pope, Hugh Gilmore	1932
Coonan, Edward Raymond	1949	Pretty, Walter Arthur	1948
Cottrell, Francis Allan	1934	Priest, Alan Hewett	1937
Craker, Arthur Ernest	1932	Reseigh, Claude Edgar	1934
Dale, Richard Charles Moritz	1940	Roberts, John William	1953
Daniel, Claude Alfred Vaughan	1935	Robinson, David Floyd	1935
Davis, Brian	1952	Russell, Andrew Earl Lindsay	1951
Davis, Robert Keith	1958	Ryan, Charles Landers	1941
Deane, Allan Nicholson	1936	Sando, Maurice Hughes	1934
Dodd, Aubrey Francis Rule	1948	Schlenk, Conrad John	1958
Doecke, Heinrich Albert	1931	Segnit, Alick	1957
Doig, Malcolm Robert	1955	Simmons, Donald William, B.Ec.	1950
Donaldson, John Monfries	1936	Slade, James Henry Gray	1932
Doyle, Leo James, LL.B.	1951	Smith, Harold Reid, LL.B.	1949
Dunstan, Jack Cannon	1952	Taeuber, Kenneth Charles	1958
Gartrell, Frank Prisk	1956	Temme, Bernhard Robert	1933
Good, Richard John, B.E.	1959	Thomas, William Henry Oswald	1947
Gordon, Coleman Guildford	1939	Thompson, Brian Philip	1962
Greet, Norman Stanley	1958	Tillett, Arthur Colin	1950
Griffin, Ray Edwin	1953	Trumble, Hugh Peter Christian, B.Ag.Sc.	1962
Hammond, Raymond Charles	1951	Turner, Brian Scott	1958
Headland, Brian Cobrey	1956	Voyzey, William (surrendered 1959)	1952
Hewett, Alexander Macdonald	1938	Voyzey, William, B.A.	1963
Holland, John Neville	1960	Walker, Colin Alexander Dunstan	1948
Holland, Robin Laurence	1960	Wellington, Murray Morley	1949
Honey, Henry Beric	1958	West, Kenneth Charles	1949
Hutchinson, Hugh Morgan	1940	Wharldall, Lancelot Arthur	1953
Hutton, Malcolm Austin	1960	Whitford, Alfred Eugene	1941
Inglis, Gilbert Gerald	1958	Wight, Robert James	1938
Jackson, Harold Ernest	1935	Williams, David John	1956
		Wilsdon, 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

DIPLOMA IN EDUCATION

Alcock, Dudley Horald, B.A.	1944	Campbell, Archibald Herbert, B.A.	1939
Allen, John Bernard, B.A.	1942	Cannell, Cedric James, B.Sc.	1942
Allen, Leonard Nicholls, M.A.	1939	Cant, Alister McKinnon, B.A.	1944
Altmann, Olive Stella, B.A.	1951	Carmen, Noel Francis, B.A.	1951
Altus, Rudolph Herman, M.A. (Melb.)	1950	Carthew, Lancelot, B.A.	1950
Anders, Douglas John, B.Sc.	1947	Cavenett, Horace Clifford	1945
Anderson, Alex Gordon, B.Sc.	1956	Cawte, Frederick George Nelson	1942
Anderson, Aubrey James Clifton, B.A.	1948	Chalklen, Roland John, B.A.	1960
Arbery, James Herbert, B.A.	1961	Chant, Barry Mostyn, B.A.	1963
Arcus, Wesley John, B.A.	1958	Chapman, John Marsden, B.A.	1940
Argyle, Margaret, B.A.	1957	Charlesworth, Thomas William, M.A.	1947
Ashenden, Leslie Edward, B.A.	1952	Chittleborough, Glen, B.Sc.	1960
Ashton, Harry Tamblin, B.Sc.	1960	Chittleborough, Lyall, B.A.	1963
Aston, Morrell Kenneth, B.A., B.Sc.	1952	Chittleborough, Wendy Lois, B.A.	1963
Atwell, Leslie George Danks, B.A.	1941	Clapp, Edwin Kenneth Hamilton, A.U.A.	1961
Aubert, Graham James, B.A. (New England)	1963	Clark, Henry William, B.A.	1954
Baddams, Violet Thenie, B.A.	1940	Clarke, Brian Russell, B.Sc., A.U.A. (Arts and Educn.)	1963
Bald, William Charles, B.A.	1962	Clarke, Phil Gregory, B.A.	1952
Barber, Howard Frank, B.A.	1943	Cleggett, Lloyd	1955
Barnes, Frederick Lynne, B.Sc.	1944	Clements, John Wreford, A.U.A.	1962
Barrett, William Vernon, B.A.	1951	Close, Maynard Davidson, B.A.	1948
Bartholomaeus, Edmund Stanley, B.A.	1931	Close, Ronald Wilkinson, B.Sc.	1945
Bartleet, Nancy Irene, B.A.	1950	Cochrane, Heather Bernice	1958
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Coggins, Harold Douglas, B.Sc.	1955
Baum, Murray Richard, B.A.	1957	Coggins, Robert Symes, B.Sc.	1952
Bawden, Albert Victor, B.A.	1942	Coker, John Godfrey, A.U.A. (Arts and Educn.)	1962
Bayly, Elizabeth Jean, B.A.	1962	Coleman, Isobel Beryl Jean, B.A.	1949
Beare, Hedley, B.A.	1956	Collins, Charles Vincent, B.A.	1940
Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.)	1962	Comole, Patricia Ann, B.A.	1963
Beaumont, Olive Sowter, B.A.	1943	Cornelius, Muriel Merle, B.A.	1956
Beckwith, Shirley Katie, B.A.	1948	Corrigan, Lawrence Joseph	1930
Bennett, Annie Stevens, B.A.	1924	Cosgrove, Bernard Augustin, B.A.	1945
Bennett, Charles Gordon, B.A.	1934	Cosh, James Malthouse, B.A.	1949
Bennett, Thomas Southall, B.A.	1940	Counsell, Ruth Kingsley, B.A.	1955
Bennetts, William Rawling, B.Sc. (Western Australia)	1956	Cramer, Gerard Leigh, B.A.	1952
Bentley, William James, B.A.	1949	Cramond, Margaret Mary Alyn, B.A.	1956
Berry, Frances Winifred, M.A.	1924	Cropley, Arthur John, B.A.	1960
Bested, Gordon John, B.A.	1945	Cross, Jack	1957
Bettison, Margaret Selina, B.A.	1952	Crowe, Elizabeth Mary, B.A.	1954
Biddle, Enid Barbara, B.A.	1949	Cusack, John Charles, B.Sc.	1959
Biele, Keith William, B.Ec.	1953	Dack, Thomas, B.A.	1938
Bilney, Neil Joseph, B.A.	1947	Daddow, Henry Howard, B.A.	1943
Blesing, Rae Flora, B.A.	1961	Dally, John Alton, B.A.	1963
Boehm, Walter Gotthilf, B.A.	1955	Darzens, Dacc, B.A.	1963
Bone, Maxwell Harold, B.A.	1939	Davies, Natalia, B.A.	1940
Boord, Frederick Hughes, B.A.	1957	Davis, Robert Bruce, B.A.	1950
Borchardt, Mary Pauline, B.A.	1963	Davison, Gordon William, B.A.	1938
Borokv, Betty Margaret, B.A.	1959	Daw, William Ronald	1954
Boundy, William Stevenson, B.Sc.	1958	Deer, John Gregory, B.Sc.	1956
Bourke, Denis Francis, M.A. (Sydney)	1959	Dennis, Alan Henry, B.A.	1953
Bourke, Elma Marie, B.A.	1941	Dennis, William Norman, B.Sc.	1958
Braham, Henry Arnold Collyer, B.A.	1960	Dent, Marjorie, B.A.	1960
Bray, Elva Mildred, B.A.	1943	Dent, Nancy, B.A.	1962
Brazier, John Richard, B.A.	1952	Denton, David Ross, B.A.	1963
Brideson, Colin Herbert	1959	Dinning, Alfred Ernest, B.A.	1933
Bridge, Kennedy James, B.A.	1963	Dinning, Rodney Alfred Brady, B.A.	1956
Britton, Robert John, A.U.A. (Arts and Educn.)	1963	Domain, Mary Gladys, B.A.	1961
Brook, Richard John, B.Sc.	1961	Donaldson, Pamela Margaret, B.A.	1961
Brown, Henry, M.A.	1924	Donnellan, Teresa Marie, B.A.	1950
Brown, Donald Edgar	1954	Dowdy, Norman James, B.A.	1949
Brown, Norman, B.A.	1960	Downs, George William, B.A.	1948
Brown, Reginald Dutton, B.Ec.	1947	Dungey, Kevin Leonard, B.A.	1944
Bull, Winifred, B.A.	1948	Dunlop, Walter James, B.A.	1958
Bunney, Bronte Rowland, B.Sc.	1957	Dunn, Edith Marie, B.A.	1942
Burdon, Ivor Leslie, B.A.	1945	Dunn, John Gilding, B.A.	1963
Burfield, Arthur, B.A.	1954	Dunn, Sydney Stephen, B.A.	1951
Burnard, Charles Robert	1948	Dyster, Thomas, B.A.	1956
Burns, Esther	1949	East, Vernon Roy, B.A.	1948
Burton, Dudley Hopetoun, B.A.	1941	Eckert, Lexley Frank	1960
Butcher, Alan Edward, B.A.	1933	Eden, Owen Frederick, B.Sc.	1960
Butler, Kathleen Fiona, B.A.	1948	Edgar, Heather Mary, B.A.	1951
Butler, Pamela Margaret, B.Sc.	1958	Edwards, Philip Glen, B.Sc.	1961

Edwards, Victor Wilfred Alcom, B.A.	1948	Hayward, Walter Richard, B.A.	1937
Elder, Audrey Olive, B.A.	1950	Healey, Nora Kate, B.A.	1941
Eley, Agnes May, B.A.	1948	Heidenrich, George Bernhardt Franz, B.A.	1948
England, Gerald Clifford, B.A.	1962	Heinemann, Mervyn Lambert, B.A.	1948
Esselbach, Rodney, B.A.	1958	Henderson, Margaret Evelyn, B.A.	1960
Evans, Mary, B.A.	1941	Heuzenroeder, John Mathwin, B.A.	1963
Ewers, William David, B.A.	1940	Hewitson, Helen Margaret, B.A.	1962
Eyers, Vivian George, B.Sc.	1959	Hewitson, Malcolm Thomas, B.A.	1955
Falkenberg, Walter Edwin, B.A.	1942	Hickey, Kathleen Veronica, B.A.	1950
Farmer, Helen Robinson, B.A.	1948	Higginbottom, Edwin Corlett, B.A.	1929
Farrell, Edward Francis, B.A.	1944	Higgins, Alfred James, B.A.	1950
Farrow, Murray Aubrey, B.A.	1947	Hilbig, Paul Berthold, B.A.	1935
Farrow, Robert Murray	1956	Hill, John Albert, B.Sc.	1963
Featherstone, Dora Bewlay, B.A.	1923	Hilton, Arthur Robert, B.A.	1936
Fechner, Martin Johann Traugott, B.A.	1940	Hirst, Ronald Robert, B.Ec.	1944
Fehlberg, Tasman Julius August, B.A.	1942	Hiskey, Thomas Alan, B.A.	1951
Fergusson, George Robert, B.A.	1955	Holland, Joan, B.A.	1948
Field, Alan Kimber, B.A.	1958	Holley, Maurice Frederick, B.Sc.	1962
Finn, Beatrice Mary, B.A.	1943	Holmes, Angus Spooner, B.A.	1957
Fisher, Ruben Walter Alfred, B.A.	1950	Honey, Anne Elizabeth, B.A.	1963
Fitzgerald, Bartholomew John, B.A.	1932	Hooper, John Robert, B.A.	1960
Fitzgerald, Clarence Lindsay, B.A.	1954	Horner, Frances Jane, B.A.	1962
Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954	Hoskins, Howard Berthold, B.A.	1938
Fitzpatrick, Clifford George, B.Sc.	1952	Howard, Ephrem, B.A.	1940
Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928	Howlett, Diana Rosemary, B.A.	1959
Flynn, Kevin John, B.A.	1942	Howlett, Nellie Ruth, B.A.	1944
Forbes, William, B.A.	1939	Howlett, Philip Thomas Michael, B.A.	1944
Forsyth, Elliott Christopher, B.A.	1950	Hume, Beryl May, B.A.	1960
Freidenfelds, Mara, B.Sc.	1963	Humphries, Arthur Cecil George	1941
Fricke, Lyall Peterie, B.Sc.	1951	Hunkin, Milton Philip, B.A.	1958
Fuller, Geoffrey Roy, B.Sc.	1963	Hutton, Walter William	1945
Fulton, Gwen Evelyn Hamilton, M.A.	1945	Hutton, Alan Victor, B.A.	1963
Gann, Eric Crump, B.A.	1954	Hyde, Alan Graham, B.Ec.	1955
Gare, Lloyd, B.Sc.	1938	Ireland, Norman Arthur, B.A.	1924
Gaskell, Joan Mary, B.A.	1955	Isom, Constance Ruth, B.A.	1942
Gazard, Geoffrey Albion	1949	Jenkin, Alfred John Roseland, B.A.	1939
Gent, Alan Franklin, B.A.	1950	Jenkins, Rex Desmond, B.A.	1943
Georg, Victor Gerhard, B.A.	1952	Johncock, Ernest Harry, M.A.	1929
Gerlach, Max Johann, B.A.	1927	Jolly, William Richard Norman, B.A., B.Sc.	1939
Geutenbeek, David Robert, B.Sc.	1959	Jones, Albert Walter, B.A., B.Sc.	1939
Gibbs, Alfred Lewis Burnand	1949	Jones, Michael John, B.A.	1962
Gibson, Ernest Stephen Harvey, M.Sc.	1942	Jones, Reginald John, B.A.	1954
Gibson, Gladys Ruth, B.A.	1940	Jordan, Deirdre Frances, B.A.	1951
Gibson, Graham Coyne, B.A.	1953	Judd, James, B.A.	1956
Giddings, Keith, B.A.	1963	Juett, Christina Margaret, B.A.	1943
Giersch, Leonard Ernst, B.A.	1943	Kean, Eileen Margaret, M.A.	1954
Gilchrist, Robert James	1950	Kearney, Bernard James	1949
Giles, James Ramsay, B.A.	1962	Kelly, Ellen, B.A.	1934
Gilham, James Edgar, B.A.	1959	Kelly, Frank Reginald	1961
Gill, Clarence William, B.A.	1940	Kenny, Martin Lance, B.A.	1942
Glastonbury, Dudley Ivan, B.A., B.Sc.	1935	Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947
Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934	Kerin, John Francis, B.A.	1956
Gliddon, William Aquilla Robert James, B.A.	1959	Kerslake, William James	1942
Glynn-Roe, Wilfred Joseph	1950	Kesting, Louis John, B.A.	1945
Gobbett, Donald Lyon, B.A.	1963	Keynes, Nanette Joan, B.A.	1950
Gobbett, Estelle Margaret, B.A.	1963	Kies, Alick Andrew, B.A.	1948
Golding, Edmond William, B.A.	1951	Kildea, Mary Francis, B.A.	1941
Golding, Phyllis May, B.A.	1954	Klaebe, Ruth Adelaide, B.A.	1951
Goldney, David Charles, B.Sc.	1963	Kloeden, Louis Adolph, B.A.	1951
Coldsworthy, David, B.A.	1959	Knauerhase, Oscar Carl, B.A.	1938
Coldsworthy, John Garfield, M.A.	1951	Knight, Russell William, B.A. (Econ.) (Mane.)	1958
Coldsworthy, Reuben, B.Sc.	1954	Koehne, Raymond Percy, B.A.	1948
Gooden, Edgar Whitridge, B.Sc.	1959	Kohler, Bryce Leonard Percival	1955
Gooden, Rosalind Mary, B.Sc.	1961	Laidlaw, William Clarke, B.A.	1940
Graham, Mary Theresa, M.A.	1940	Lamacraft, Kenneth Ronald Ross, B.A.	1955
Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.)	1961	Lamborne, Maxwell Addison, B.A.	1963
Green, Richard Maslen, B.A.	1940	Lamey, Charles Sydney, B.A.	1937
Griggs, Clarence Middleton, B.Sc.	1928	Lang, Ian Philip, B.Sc.	1957
Crosvenor, Edna Mary, M.A.	1951	Laslett, Ian John, B.Sc.	1954
Gunn, James Allan Baikie, B.A.	1963	Latz, Clement Victor, B.Sc.	1963
Gunton, James Donald, B.A.	1940	Laubsch, Colin Andrew, B.Sc.	1958
Haden, John Forbes, B.A.	1955	Lawry, Reginald Arthur, B.A.	1947
Haese, Frederick Ernest Douglas, B.A.	1952	Leach, William Valentine, M.A., Dip.Econ.	1928
Hague, John Stanley, B.A.	1961	Leditschke, Margaret Mary Caroline, B.A.	1959
Haines, Murray David, B.A.	1959	Lemcke, Vincent Andrew Howard, B.A.	1949
Hansberry, John Pierce, B.A.	1949	Lemmey, Ford Prall, B.A.	1955
Hansberry, Mary Estelle, B.Sc.	1953	Leske, Elmore, B.A.	1960
Hansen, Ian Victor, B.A.	1954	Lewis, Leonard Arthur, B.Sc.	1947
Harper, Ronald George, B.A.	1941	Lewis, Raymond Douglas, B.Sc.	1943
Harrington, Colin	1949	Lewis, Richard Owen, B.A.	1959
Harrip, Brian John, B.A.	1955	Lillecrapp, Douglas Arthur Julian, B.A.	1950
Harris, Donald Dunstan, M.A.	1934	Lillywhite, Myra Jean, B.A.	1963
Harris, Dudley Andrew, B.A.	1940	Loffler, Donald Arthur, B.A.	1962
Harris, Lorna Muriel, B.A.	1950	Longbottom, Maxwell Ernest, B.A.	1962
Harris, Shirley Joyce, B.A.	1948	Lord, Eric Ross, B.A.	1961
Hart, Arthur Maxwell	1950	Lowke, John James, B.Sc.	1958
Harvie, Sydney Haral, B.Sc.	1938	Lush, Anita Rose, B.A.	1960
Hasenhor, Edward, B.A.	1952	Lushey, Harold Merton, M.A.	1930
Hauser, Frederick Herbert, B.A.	1934	Lynch, John Henry, B.A.	1950
Hawke, Cynthia Joy, B.A.	1961	Lyon, John Forbes, B.Sc.	1962

McCarthy, Burnard, B.A.	1942	O'Connor, Deirdre Catherine, B.A.	1958
McCracken, Samuel Raymond	1958	O'Connor, Peter Joseph, B.A.	1955
McCullough, Amy Margaret, B.A.	1945	O'Grady, Maureen Therese, B.Sc.	1963
McDonald, Donald Stuart, B.A.	1945	O'Malley, John Edwin, B.A.	1949
McDonald, Gilbert Sherman, B.A.	1934	O'Neill, Cornelius Patrick, B.A.	1951
McDonald, John Hunter, B.A.	1936	O'Neill, Marguerite, B.A.	1950
McDonald, Percy William, B.A.	1940	Osman, Neile, M.A.	1948
McDonald, Peter Baker, B.A.	1957	Owen, Gwenyth Winsome, B.A.	1945
McElroy, Anthony Godfrey	1947	Page, Eleanor Florence, B.A.	1943
McEvoy, Aloysius John, B.A.	1942	Pallant, Donald James, B.A.	1962
McGowan, George Murray, B.A.	1940	Parkes, Roy Frederick Walter	1952
McGuire, Anthony Christopher, B.A. (Diploma in Secondary Educn., 1962)	1960	Parkinson, Kevin John, B.Sc.	1955
McIntosh, Florence	1945	Parsons, Colin, B.A.	1959
McKay, Malcolm William, B.A.	1938	Parsons, Edward Clarence, B.A.	1941
McKinnon, Robert Campbell, B.A.	1936	Parsons, William Ross, B.A.	1951
McLean, Murray Colin, B.A.	1951	Pash, Hannah Rita, B.A.	1934
McLean, Reginald Alexander, B.A.	1936	Paul, Alec Gordon, M.A., B.Sc.	1934
McMillan, Stanley Lyall, B.A., B.Sc.	1960	Payne, George Basil, B.A.	1938
McMurtie, Alfred Ian, B.A.	1939	Pearce, Alfred Moreton, B.A.	1953
McMurtie, Colin, B.A.	1939	Pearce, Charles Clifton, B.A.	1940
McPharlin, Alison Tudor, B.A.	1957	Pearman, Reginald John, B.Sc.	1957
McPherson, Alexander Owen, M.A., B.Sc.	1939	Pearson, Howard James, B.A.	1941
Macklin, Laura Muriel Caterer, B.A.	1939	Pearson, Leslie Norman, B.A.	1943
Macklin, William Charles, B.Sc.	1956	Pedlow, Clarice, B.Sc.	1944
Macpherson, Reginald Murray, B.A.	1948	Pennicott, Ralph William	1953
Magor, Clifford James, M.A.	1945	Pennington, Beryl, B.A.	1945
Magor, Irvine Frank, B.A.	1943	Penny, Hubert Harry, B.A.	1930
Magor, William Alwyn Roy, A.U.A. (Arts and Educn.)	1963	Perry, Dulcie May, B.A.	1941
Mann, Airdrie Jean, B.A.	1961	Peters, George Francis, B.Sc.	1953
Manuel, Deane James Hubert, B.Ec.	1952	Peterson, Jean Clarice, B.A.	1942
Marks, Monica Mary, B.A.	1960	Phillips, Gordon Gilbert, B.A.	1947
Marshall, Herbert Edmund, B.A.	1941	Phillips, William John, B.A.	1963
Marshman, Ashley Mead, B.A.	1950	Pitman, Beresford Ernest, B.A., B.Sc.	1949
McLay, Andrew Harold, B.A.	1954	Polkinghorne, Keith, B.A.	1939
Martin, Alfred William, B.A.	1953	Porter, Harold George, B.A.	1942
Martin, Amalia Anna, B.A.	1941	Power, Frances Maureen, B.A.	1956
Martin, Lesley Meredith, B.A.	1963	Prest, Robert Henry, B.A.	1960
Martin, Maurice Leon, B.A., B.Sc.	1955	Price, Ione Dorothy, B.A.	1949
Martin, Ralph Keith, B.A.	1948	Price, Judith Helen, B.Sc.	1963
Martin, Walter Raymond, B.A.	1941	Prime, Andree Joyce, B.A.	1949
Maschmedt, Zillah Daisy, B.A.	1940	Proctor, Ivy Millicent, B.A.	1939
Masters, Bernard Lincoln, B.A.	1960	Provis, Douglas Franklin, B.Sc.	1953
Materne, Desmond Eric, B.A.	1959	Pryor, Eric John, B.A.	1941
Matters, Horace John	1950	Purslow, Martin, B.A.	1956
Matthews, Richard Trahair, B.A.	1943	Pyne, Maurice Ignatius, B.A.	1929
Mattingley, Brian John, B.A.	1939	Rabone, Elaine Thelma, B.A.	1961
May, Dorothy Mary, B.A.	1948	Rabone, Harry Clements Percival, B.A.	1941
May, Leonard Seymour, B.Sc.	1939	Radcliffe, Sheila, B.A.	1953
Maynard, Donald Archer Scott, B.Sc.	1940	Ramsay, Gregor Allen, B.Sc.	1961
Maguire, John Charles, B.A.	1947	Rawnsley, Stella, B.A.	1963
Measday, Ellen May, B.A.	1947	Ray, Marjorie, B.A.	1951
Measday, Shirley, B.A.	1949	Read, John Herbert, B.A.	1959
Middleton, Melville John William, B.A.	1943	Read, Philip Andreas, B.A.	1941
Miller, Annie Rose, B.A.	1948	Redden, Martin Philip, B.A.	1934
Mills, John Murray, B.A.	1959	Redin, Lewis Charles, B.A.	1959
Milne, Annie Johnson, B.A.	1939	Redstone, Frank, B.A.	1960
Mitchell, Albert Leonard, B.A.	1960	Red, Barbara	1954
Mitchell, Annie Nora	1938	Rehn, Denzil Farnham, B.A.	1958
Mitchell, Zonne Marion, B.A.	1959	Rendell, Alan, Dip.Econ.	1929
Molloy, Raymond Brian, B.A.	1951	Renner, Johannes Theodore Erich, B.A.	1954
Moore, John Robert, B.A. (Western Australia)	1960	Reynolds, Maxwell Stanley, B.A.	1950
Moore, Neville Stanley, B.A.	1958	Richards, Gordon Alfred, B.A.	1940
Morris, John Lennox, B.A.	1954	Richards, William Edward, B.A.	1953
Morris, Maxwell Arthur, A.U.A.	1961	Richards, William Edward, B.A.	1958
Mudge, Margaret, B.A.	1958	Richardson, Ruth Mary Desmond	1954
Mueller, Edwin Albert, B.A.	1954	Riedel, Felix Daniel, B.A.	1963
Mueller, Rae Vernon, B.Sc.	1954	Rizter, Gerard Theodore Joseph, B.A.	1957
Muetzfeldt, Elfriede, B.A.	1941	Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1960
Mugford, Rex Ernest, B.A.	1962	Roberts, Jennefer Mary, B.A.	1960
Mules, Betty Lavina, B.A.	1950	Roberts, John Desmond, B.A.	1961
Mundy, Kevin Arnold, B.A.	1942	Roberts, Roy, B.A.	1922
Murphy, Mary, B.A.	1938	Robinson, Samuel Foster	1956
Murphy, Shylie Patricia, B.A.	1948	Robson, Bruce Neville, B.Sc. (Tasmania)	1938
Murrie, Jill Margaret, B.A.	1957	Rodgers, Frances Ada, B.A.	1953
Nettelbeck, David Clive, B.A.	1962	Roehrs, Herma Erika, B.A.	1956
Nicholas, Rowland John, B.A.	1944	Rogers, Ruth Nellie, B.A.	1938
Nicholls, Barbara Ruru, B.A.	1947	Rooney, Clifford, B.Sc.	1948
Nichols, Terence Ivan, B.Sc.	1962	Rooney, Lois Josephine, B.A.	1960
Nichterlein, Frieda Pauline, B.A.	1955	Routley, Peter Herbert, B.A.	1947
Nickolai, Max Ronald, B.Sc.	1955	Rudd, Kenneth Clive, B.A.	1941
Nietz, Arno Oscar, B.A.	1953	Ryan, Michael Rupert, B.A.	1954
Ninnes, Arthur Reginald, B.A.	1944	Sage, Harold Robert, B.A.	1954
Noblett, Hedley Lindsay, B.A.	1949	Sandercock, Alfred Mervyn, B.A.	1938
Nottle, Geoffrey Edward, B.A.	1959	Sando, Clarice Melva	1955
Nunan, Douglas Stephen, B.A.	1963	Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957
O'Brien, Francis John Romuald, B.A.	1954	Saunders, Graham Edward, B.A.	1962
Ockenden, Garth Palmer	1950	Searle, Clifford Alfred James, B.A.	1940
O'Connell, William Bernard, M.A.	1945	Senior, Lionel Rupert, B.A., B.Sc.	1963
		Scriven, Murray Walter, B.A.	1950
		Sexton, Edgar Raymond, B.A.	1935

Sharman, Florence Mary, M.A.	1923	Tuckwell, Eric Clavering, B.A.	1945
Shaw, John Robert Stockdale, M.A.	1942	Tuckwell, Kenelm Sinclair, B.A.	1945
Shaw, Kate Hambly, B.A.	1937	Turner, Constance Mary, B.A.	1954
Shepherd, John Alfred, B.A.	1942	Twartz, Arnold Frederick, B.Sc.	1944
Shinkfield, Anthony James, B.A.	1957	Twartz, Clement Wilford	1950
Showder, Ronald Louis, B.A.	1943	Verrall, Raymond Wilfred, B.A.	1942
Simpson, Penelope Margaret, B.Sc.	1953	Vickery, Frederick Arthur, M.A.	1935
Slee, Dugald Haughton, B.A., B.Sc.	1940	Wache, Ethel Mabel, B.A.	1941
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951	Wachtel, Heinrich Lenhart, A.U.A.	1956
Smallacombe, Roy Frederick, B.A.	1955	Wagstaff, Rosemary, B.A.	1963
Smith, Alick Hardy, B.A.	1963	Waite, Jack Francis Enos, B.A.	1939
Smith, David Carswell, B.A.	1939	Wakeford, Sidney Claud, B.A.	1939
Smith, Donald Powell, A.U.A.	1962	Walker, Gilbert John, B.A.	1944
Smith, Edward Rowland, B.Sc.	1945	Wallace, Francis Joseph	1953
Smith, Henry Elliott Wesley, B.A.	1938	Walsh, Margaret Mary, B.A.	1960
Smith, Joan Francis, B.A.	1953	Walter, Denys	1955
Smith, John Fife, B.A.	1939	Ward, Margaret Kennings, B.A.	1953
Smith, John Henry, A.U.A.	1955	Ware, Dorothy Alice, B.A.	1962
Smith, Sheila Isabel Wesley, B.A.	1947	Warren, Donald Hampton, B.A.	1955
Sobey, Iris Beatrice, B.A.	1956	Warren, Sidney Lilla, B.A.	1927
Sparrow, Stanley Carr, B.A.	1939	Watkinson, Mavis Daphne, B.A.	1942
Sparrow, Lorna Discombe, M.A.	1941	Wattchow, Colin Edward, B.A.	1954
Spratt, James Arthur Henry, B.A., B.Sc.	1963	Wauchope, Mavis Lorie, B.A.	1929
Staude, Clarence Herman, B.A.	1958	Waugh, William McDonald, B.A.	1952
Stanley, Raymond John	1958	Wayne-Smith, Reginald John	1953
Stead, Sydney Arnold, B.Sc.	1949	Webb, Emmaline Nancy, B.A.	1952
Steinle, John Richard, B.A.	1959	Webber, Brian John, B.Sc.	1963
Stodart, Barbara Joan, B.A.	1957	Webber, Ian James, B.A.	1963
Storch, Wilhelm Murray, B.A.	1949	Webber, Muriel Esmé Jill, B.A.	1959
Strahan, Anthony William, B.A.	1939	Welsh, James Oglesby, B.A.	1951
Sugg, Bentham Horace, B.A.	1940	Were, Keith Francis, B.A.	1962
Swanson, Albert Frederick Daniel, B.A.	1960	Westgarth, Walter Tebbie, B.A.	1928
Sweeney, Mary Ryan, B.A. (Diploma in Pre- Primary Education, 1943)	1939	Whalan, Lionel Walter, B.A.	1950
Symonds, Wybert Milton Caust, B.Sc.	1939	Wheaton, Neville Kingsley, B.Sc.	1960
Tabor, Barbara, B.A.	1963	Whitburn, Jack, B.A.	1935
Tapp, Adrian Lynda, B.A.	1928	White, Stanley Noel, B.A.	1957
Ternan, Verna Joyce, B.A.	1945	Whitelaw, Albert James, B.A., B.Sc.	1945
Theobald, Howard Wesley	1954	Whittle, Edith Julia, B.A.	1954
Thiel, Colin Victor, B.Sc.	1962	Wiese, Margaret Helen, B.A.	1960
Thiele, Colin Milton, B.A.	1947	Wilkins, Ray Eber, B.A.	1950
Thompson, Douglas Norman, B.Sc.	1955	Wilkinson, Donald Cameron, B.A.	1955
Thompson, William, B.A.	1941	Wilksch, Betty Ruth, B.A.	1953
Thorpe, Geoffrey William, B.A.	1961	Wilksch, Lois Ruth, B.A.	1962
Tiller, Kenneth Matthew John, B.A., B.Sc.	1956	Willcocks, Robert Douglas, B.Sc.	1954
Tillett, Peter Irwyn, B.Sc.	1958	Williams, Arthur Charles, B.Sc.	1955
Tilly, Graham John, B.Sc.	1960	Williams, George Esson Keith, B.A.	1941
Tomlinson, Betty Mary, B.A.	1950	Williams, George Mervyn, B.Sc.	1957
Tonkin, Mary Elizabeth, B.A.	1952	Williams, James Henry, B.A.	1922
Torr, Shirley Constance	1944	Williams, Phillip Glenly, B.A.	1943
Townsend, Herbert Louis, B.A.	1945	Williams, Rona Lynette	1960
Traeger, Keith Terence, B.A.	1950	Williams, Walter Leslie, B.A.	1949
Treasure, Eunice Jessie, B.A.	1947	Willington, Lloyd Stanley	1950
Treasure, Valda Beth, B.A.	1953	Wills, Lindsay Arthur, B.A.	1958
Tregenza, Sydney Lloyd, B.A.	1935	Wilson, Avis Jean, B.Sc.	1958
Trenorden, James Henry	1945	Wilson, Francis Patrick	1943
Trudinger, Ronald Martin, B.A.	1944	Wilson, Jack Woodrow, B.Sc.	1943
		Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Wood, Allen Edwin, B.A.	1947	Yelland, Kathleen Norah, B.A.	1959
Wood, Colin James, B.A.	1959	Zoratti, Alba Pierina, B.A.	1949
Wright, Angas Stanley, B.Sc.	1939	Zweck, John Everard, B.A.	1962

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Carlson, Margaret Jean	1958
Allen, Ursula Margaret	1957	Chapman, Denise Alcon	1950
Allert, Margaret Elizabeth	1943	Cook, Heather Mignon	1947
Angwin, Helen Mary	1952	Cooper, Brian James	1954
Arthur, Lawrie Edyvane	1949	Coppock, Jeanetta May	1943
Aspinall, Nancie Jean	1944	Cox, Marilyn Ann	1960
Astley, Margaret Helen	1953	Crisp, Brian Rex	1952
Baker, Mary Elizabeth	1942	Daly, John Alfred	1960
Barker, Leon James Frank	1957	Dane, Beverley Ann Jennifer	1959
Barnett, Frederick Ian	1956	Davis, Colleen	1962
Beare, Lynden Day	1954	Delanty, Patricia Hickford	1949
Bell, Thomas Clive Lithgow	1948	Delsar, Frederick William	1949
Betteridge, Pamela Beth	1951	Drabsch, Alfred Felix, B.A.	1947
Betts, Beverlie Frances	1962	Duffield, Valma Jean	1953
Bowman, Meredith Aileen	1963	Duncan, Prudence Ann	1960
Braham, Henry Arnold Collyer	1951	Edge, Thomas George	1958
Brooks, Charles Alfred	1945	Eldridge, Diana Melbourne	1950
Bryce, Gordon	1962	Evens, Christine Mary	1963
Bullock, Ivor George William	1950	Farmer, Judith Ellen	1957
Bungay, Valmai Gladys	1958	Freebairn, Jeannette	1962
Cadzow, Leslie Consort	1949	Fromen, Petrea Elsie Dora	1950

Gates, Ian George	1958	Noble, Alan	1956
Grace, Gloria Dawn	1951	O'Loughlin, Ruth Dorothy	1945
Grange, Mary Louise	1958	Paddick, Robert Joseph	1961
Green, Ralph Noel	1952	Page, Ronne Earle	1944
Halbert, John Arno	1958	Pavia, Grant Robert	1961
Halsey, Trevor Geoffrey	1954	Proctor, Ivy Millicent, B.A.	1945
Haslam, Denise Allison	1949	Pugh, Elizabeth	1949
Hayes, Lindsay Milton	1963	Quigley, Brian Maxwell	1959
Henderson, Joyleen Faye	1962	Reynolds, Maxwell Stanley	1944
Hodgson, Geoffrey Arthur	1950	Roberts, Owen David	1947
Horne, Leonard William	1960	Rowe, Joy Dorothy	1950
Horvat, Ludovic Henry	1941	Saint, Bryce Wesley	1958
Ising, Margaret Lucy	1942	Scheutz, Harold Edwin	1947
Jensen, Richard Ian Broughton	1950	Shakes, Dean John	1963
Jericho, Lois Joy	1960	Sibly, John Maslin	1956
Jude, Margaret Bowman	1962	Sladden, Jefford Desmond	1949
Kidman, Elizabeth Duncan	1942	Snowden, Janette Daphne, B.A.	1960
Laphorne, Robert Ingersoll	1960	Taylor, Philippa Helen	1959
Laycock, Geoffrey Clinton	1948	Telfer, Iris Claire	1956
Lines, Beryl Linda	1952	Thomas, Margaret Anne	1945
McCarthy, Graham Rees	1960	Torr, Alison Ruth	1950
McDowall, James	1952	Treagus, Edward Mervyn	1959
McCargill, Gordon Winstanley	1949	Tuckwell, Patricia Glenne	1957
MacGillivray, Leith Grant	1951	Tulloch, Helen Christine	1963
Maddocks, Jean Kinloch	1944	Van Velsen, Carolyn Marie	1961
Marsland, Brian Keith	1961	Watson, Margaret	1953
Mellish, Mary Evelyn	1954	Whalen, Harry Roy	1961
Michelmore, Agnes	1958	Whittingham, Nancy Olive May	1958
Michelmore, Margaret	1963	Williams, Margaret Gordon	1942
Munn, Gary Reuben	1962	Williams, Rosemary Claire	1961
Mutton, Howard James Charles	1948	Williamson, Catherine Patricia	1961
Newman, Shirley Lena	1954	Wollaston, Elsie Margaretta, B.Sc.	1950
Nixon, Valerie Colinette	1955	Wollaston, Philip Hamilton	1954
		Woodriddle, Aileen Frances	1948

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

Coombs, Mary Minetta	1929	Nicholas, Frances Maud	1929
Cotterell, Norman Aslby	1925	Oliphant, Harold George	1925
Cromer, Victor Eugene	1923	Opie, Thomas Schulz, B.A.	1922
Good, Doris Russell	1928	Penny, Hubert Harry, B.A.	1922
Ham, William	1923	Pritchard, Edgar Willie	1924
Harris, Doris Sophia	1922	Rendell, 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
Naim, Loris Walter	1929	Williams, Gustav Cyril Milton	1929

ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Billing, Robert Heaton	1953
Abraham, Monica	1962	Bishop, David Edwin Pemberton	1959
Adey, Ronald Lawrence	1962	Bishop, Ronald Lancelot	1951
Ali, Dean Roger	1963	Bishop, William Victor	1949
Anderson, Gwendoline Eva	1947	Blanks, William Bennett	1957
Anderson, Ronald Alexander	1944	Booker, David Michael	1960
Andrews, Erson Leonard	1939	Booth, Thomas Sheldon	1937
Ardill, David Anthony	1953	Bourne, John Wallace	1943
Argall, Philip John Tadd	1958	Bowen, Frederick Lloyd	1939
Babidge, Ian Charles	1963	Bowey, Allan Edgar	1938
Bahnish, Noel	1945	Brady, Michael Ignatius	1954
Bailey, Geoffrey Reginald	1948	Branson, Robert Rolling	1937
Bajer, Leonid	1958	Brett, Jack Nethersole	1938
Bajorunas, Andrius	1957	Brewster, Cora Elaine	1948
Baldo, Brian Angelo	1961	Brice, Robert Hosking	1954
Ball, Gerald Benjamin	1953	Broad, Lionel Hugh	1943
Ball, Peter Growden	1955	Broadbent, Frank Brooker	1957
Bannister, Neil Prescott	1956	Brougham, Robert Joffre	1940
Barclay, Elizabeth Mollie	1962	Brown, Donald Thomas	1956
Bardolph, Donald Harold	1952	Brown, Leonard William	1958
Bardolph, June Mary	1954	Brown, Peter Hackett	1959
Barnett, Anne Patricia	1962	Brown, Ronald Emanuel	1944
Barnes, Donald Stalley	1947	Buik, Donald Andrew John	1954
Barnes, Herb	1944	Burge, Donald Raymond	1961
Bartold, Geoffrey Paul	1947	Burge, Raymond Henry	1936
Bassett, Murray Maxwell	1948	Burns, John Vernon	1956
Bassham, Ian Glen	1962	Butler, Richard James	1954
Bayly, Peter John	1962	Byrne, Ashley John	1959
Bazeley, William Joseph	1945	Byrnes, Reginald Phillip	1960
Beaty, Edward William	1954	Cacas, Don George	1958
Beckinsale, Ronald Herbert	1949	Cacas, James George	1956
Beilby, Jack Canavan	1947	Callaghan, Maxwell John	1951
Bennett, Judith Ann	1959	Callaghan, Roy Hugh	1948
Bentley, Alan	1937	Campbell, Margaret Diane	1956
Bentley, Deryck Edward	1947	Carlier, Ellis Gladstone	1951
Bertram, John Stanley	1957	Carnie, John Alfred	1950
Bessell, Raymond Leonard	1959	Caught, James Gardiner	1935
		Cavanagh, Robert Edwin	1936

ASSOCIATES OF THE UNIVERSITY

1177

Cawte, Brian Vincent	1957	Fraser, Wallace	1950
Cescato, Guido Ferdinando	1959	Frazer, Kenneth John	1952
Chapman, Avis Carol	1952	Frearson, Harold Thomas	1939
Check, Harold Dudley	1939	Freeman, Colin Charles	1944
Check, Robert	1953	Freeman, John Christian	1943
Chesney, Robert George	1955	Fricke, Yvonne June	1954
Chodowski, Samuel Mendel	1941	Fry, Gavan John	1963
Clampett, Richard Blackmore	1956	Funder, Eileen Mary	1935
Clancy, Ress Percival	1945	Gameau, John Lewis	1936
Clark, Arthur Wellesley	1934	Garrett, Philip Douglas	1953
Clarke, Trevor Keith	1945	Gartrell, Roger	1936
Clarke, Vmrace Lisle	1936	Gaunt, Norman William	1934
Clarke, William Graham	1947	Gelezkov, Mary	1961
Clota, Patricia Mary	1961	George, Humphrey Edward	1958
Cock, Alexander Geoffrey	1959	George, Lewis John William	1963
Cocks, David Gordon	1956	Gerard, Nancy Joy	1955
Coleman, Ronald George	1947	Gerken, Hans Juergen	1962
Coles, Herbert Desmond	1953	Gibson, Elaine Emmalene	1957
Combe, Gaynor Jeanette Florence	1962	Gilbert, Glenn John	1961
Connigrae, Michael Clement	1959	Gilbert, Harold William	1947
Connell, Myles Patrick	1949	Giles, Howard William	1959
Cooper, Nancy Marina	1956	Gill, Trevor Wayne	1961
Coorey, Brian Norman	1950	Gillespie, Keith Herbert	1939
Cornish, John Neil	1956	Glaros, James Arthur	1961
Cosgrove, Peter Brian Anthony	1957	Glastonbury, Kevin Brian	1955
Coulas, Ronald John	1950	Goldack, Glen Ronald	1957
Cox, Peter John	1951	Goscombe, David Bevan	1952
Cracknell, John James	1953	Could, Ashton Noye	1938
Crafter, Kenneth Charles	1938	Graham, Francis Chapple	1961
Crago, Reginald Allen	1951	Grimes, Charles Lindsay	1952
Craig, Lloyd Albert	1941	Grist, Robert Hocart	1951
Craigie, William Leslie	1962	Grooby, John David	1951
Croft, Mary Ellen	1954	Grove, William Murray	1939
Crowley, Frank Noah	1953	Grummet, Philip Hodgson	1956
Curnow, Thomas Martin	1942	Gryst, Helen	1948
Currie, Robert John	1950	Gryst, Peter Mervyn	1943
Cushway, Albert Len	1954	Gryst, Ross Edward	1952
Dahl, Margaret Eunice	1960	Guthrie, John Vincent	1948
Daniell, Ross Wilfrid	1938	Gwynne, Robert Frank	1935
Darwin, Lloyd Edwin	1943	Haddad, Alick Peter	1958
Davies, Jonathan	1953	Haddy, Kenneth Ian	1955
Davis, John Lloyd	1953	Hall, Graeme Edward Smith	1963
de Brenni, Jules	1944	Hall, Helen Ruth	1963
de Waard, Pieter Carl	1955	Hall, Thelma Dorothy	1937
Dent, Althea Ada Lorraine	1953	Hamnat, Edwin Laurence	1948
Dixon, John Miller	1953	Hammond, Joy Dorrita	1955
Doe, Alwyn Gilbert	1951	Hancock, Avriil Isabell	1963
Doecke, Jillian Eleanor	1961	Hanna, Robert Andrew	1951
Dolman, John George	1951	Hardwick, Bernice	1949
Donaldson, Kevin James	1959	Hardy, Stuart Edward	1936
Donohue, John Sylvestre	1957	Harnett, Gilbert Barry	1955
Dowding, Ruth Elma	1948	Harrison, Warren George	1959
Downie, Sydney Andrae	1940	Harvey, Marie Jeanne	1956
Drake, Peter Richard	1954	Hawson, William Francis	1952
Ducker, Murray Edward	1960	Hayter, Bruce William	1951
Duggin, Ivan James	1956	Hearn, Walter Joseph	1945
Duncan, John Davidson	1950	Heint, Eduard Evald	1956
Dundon, Laurence James	1942	Helier, Roger Stanley	1960
Dundon, Noel Francis	1949	Hemmings, Thomas Prior	1945
Dunstan, Julie Anne	1963	Hennessy, Claude Harold	1940
Dunstone, Kenneth William Thomas	1943	Hennessy, Ian Nicolson	1955
Eckersley, Malcolm Russell	1939	Hennoste, Märit	1960
Edwards, Brian John	1960	Hession, John Eric Martin	1941
Egar, Paul Gerard	1949	Hewitt, Rosslyn Jayne	1959
Elix, Robert Hugo	1935	Hibble, Ross Ernest	1950
Entwistle, John	1947	Higgins, Gordon Leslie	1949
Evans, Anthony Greig	1945	Hill, Dudley Clarke	1950
Evans, Margaret Ann	1945	Hillman, Eric Anthony	1954
Evely, Roderick Harding	1956	Hodgson, Alan David	1956
Everett, John Kingsley	1938	Holder, Reuben Clement	1953
Ey, William Theodor	1953	Hole, Ronald	1952
Farley, Donald Charles	1937	Holland, Bernard John	1952
Farmer, Swithin William	1955	Holmes, Leon Francis	1960
Feist, Colin Sydney	1959	Hopewell, Edward Wallace	1951
Fenn, Donald George	1957	Hosking, Allen Edwin	1934
Fewings, Margaret Anne	1950	Huber, Waldemar Richard	1957
Field, Arthur Blackiston	1963	Hulbert, Russell George	1938
Fisher, Robert Hilson	1942	Humble, William Gilbert	1954
Fitzgerald, Ian Thomas Francis	1942	Humphrys, Arnold Clarence John	1951
Fitzgerald, Robert John	1957	Hunt, Laurence August	1953
Flaherty, Howard Norman	1940	Hutchins, Ross	1942
Fleer, Eric Donald	1947	Huxtable, Colin Stanley	1948
Fletcher, Herbert Ross	1952	Huxtable, Kenneth Clarence George	1949
Fletcher, Raymond Frank	1962	Hyde, Donald John	1960
Flood, Harry Brougham	1961	Ingerson, Graham Alexander	1963
Flood, John Warden	1951	Jackson, John William	1957
Flower, Alexander McKinnon	1953	Jacobs, Philip Arthur	1952
Folkert, Marina	1958	Jeffrey, John Leigh	1956
Foreman, Kevin John	1957	Jeffs, Percival Lancelot	1938
Francis, Robert Leonard	1960		
	1950		

Jelfs, John Robert	1958	Martin, Rex George	1958
Jenner, Helen Muriel	1959	Martin, Rosalie Edith	1961
John, Clarence Gilmore	1948	Martin, Thomas Jarvis	1963
Johnson, John Kenneth	1950	Martindale, Aileen Francis	1948
Johnson, Keith Douglas	1941	Martindale, Edward John	1947
Johnson, Leonard	1945	Marshall, Alfred George Robert	1939
Johnson, Owen Royce	1956	Mathieson, Allen George	1955
Johnston, Edwin John McCallum	1938	Matthews, Maurice John	1935
Johnston, Michael John	1962	Mayfield, Margaret Hazel	1955
Jolly, Norman Dickson	1939	Mazzei, Anthony Ronald Peter	1962
Jones, Douglas Perry	1950	Meaney, Lance Amadei	1962
Jones, Jennifer Margaret	1959	Measday, John Cleveland	1943
Jungfer, John Gerrard	1961	Medlow, Ronald George	1954
Justin, John Herbert	1942	Meegan, Peter	1951
Kaehne, Brian Robert	1959	Mensforth, Paul Alfred	1960
Kain, Coleman Lawrence	1938	Merry, David John	1963
Kamm, Geoffrey Norman	1953	Meyers, John Robert	1958
Kaedoba, Lydia	1957	Michaels, Donald Ernest	1941
Katchor, Bernard David	1963	Middlemiss, Brian Robert	1951
Kean, Christopher James	1953	Mildren, Brian Frederick	1944
Keipert, Paul Howard	1942	Millar, Bruce George	1960
Kenny, Rosemary Elizabeth	1963	Miller, Heather Joyce	1948
Kentish, Frank Stow	1952	Miller, Robert Lionel	1938
Kildea, John Brian	1952	Mitchell, Donald Graham	1944
Kimber, Hubert Thomas	1937	Mitchels, John Roger	1954
Kimber, Malcolm John	1956	Mittiga, Tommy Michael Archangel	1961
King, David McMillan	1957	Montgomery, Gillian Pentland	1955
Kinnear, Gerald Campbell	1955	Moriarty, Daniel Francis	1951
Kinsley, John Vere	1938	Moriarty, Vincent John	1957
Kirby, David Bevan	1940	Morony, Graham Tylor	1955
Klaffer, Ralph	1940	Mosel, Donald	1945
Knighthead, Harold Alan	1954	Mudie, Robert Charles Wedderburn	1952
Knill, Douglas William	1948	Mudie, Stuart Mayelston	1953
Laffer, Mildred Emily	1940	Mugg, Gordon Murrie	1940
Lalor, William Brian	1935	Munyard, Patricia Carlene	1957
Lane, Adrienne	1935		
Larwood, Patricia Myrtle	1963	Nagy, Akos	1957
Lawton, Brian Eley	1947	Netting, Keith Cameron	1956
Lazare, Marcel Bancion Issac	1949	Newbery, Betty Hilda	1947
Lazare, Vicky	1956	Newbery, Donald Ernest	1944
Leak, Weston Hugh	1959	Newbery, John Henry Edward	1947
Lean, Albert Gordon	1939	Newson, Clarence Alfred	1941
Lean, Keturah Victoria	1938	Nicholas, Cecil David	1941
Lee, Graham Bruce	1935	Nicholls, Brian Charles	1949
Lee, Thomas Ian	1959	Nicholls, William John	1956
Lenthal, Douglas Lionel	1954	Nicholson, Joan Valma	1957
Lever, Lionel Alfred	1936	Ninio, Henry Jacques	1961
Lewis, Graham Neil	1952	Norman, Alfred James	1935
Lewis, Loulie Maxine	1961	Norman, Jack Campbell	1951
Leyshon, Stephen Noel	1949	Norman, Leonard	1959
Lipert, Alan Lewis	1954	Norton, Jeffrey Keith	1960
Lloyd, Jack Maxwell	1962	Nottage, Graham Jefferson	1959
Lock, Peter Bayard	1955	Num, Neil Edward	1956
Lockett, Trevor John	1943	O'Callaghan, Neil Edward	1954
Logan, Margaret Alberta	1958	O'Connor, Brian Thomas	1938
Lokan, Elaine Beryl	1961	Odgers, Murray Grenfall	1940
Lovell, Barbara Jean	1957	Offe, Garth Ian Hamilton	1940
Lower, Rupert Alexander	1948	Ongley, John Henry Albert	1936
Ludkins, Geoffrey James	1940	O'Reilly, Dominic Patrick John	1941
Lugg, Patricia June	1961	Orr, Fay Patricia	1954
Luks, Edite Helga	1961	Oswald, John Kenneth Gibson	1960
Lynas, Kave Ward	1959	Otto, John Leyland	1954
Lyons, Colin Henry	1962	Pain, John Shannon	1955
McCarthy, Kenneth Arthur	1952	Pak Poy, Wilfred Cecil	1952
McCarthy, Roderick Charles	1951	Palape, Janis Zanis	1954
McCull, Peter Donald	1959	Palk, Michael John	1955
McDonough, Peter John	1963	Parker, Colin John	1954
McHugh, Michael James	1963	Parker, Rex Carleton	1934
McInnes, James Laurie	1963	Parsons, Donald Allan	1952
McKee, Geoffrey Peter	1959	Paterson, Fay	1958
McKellar, Keith George	1963	Paterson, Kevin Walter	1955
McKenzie, John David Blair	1959	Patrick, Brian Thomas	1960
McMordie, James George	1958	Patrick, Reginald Ross	1942
McNeil, Keith Albert	1960	Patterson, Ronald Thomas	1939
MacQueen, David Dugald	1950	Pawson, Keith Curry	1952
MacRae, George Brown	1952	Payne, Beryl June	1952
Madigan, Haydn John	1933	Peek, Donald Harvey	1947
Maine, John Evans	1956	Penhall, Donald Frederick James	1951
Makin, Harry Arnold	1955	Penney, Donald Ross	1952
Maloney, Barbara Lillian	1942	Phanchet, Chantanee	1957
Maloney, Denise Minetta	1960	Phelps, Kevin George	1952
Maloney, Peter Robert Gryst	1956	Phillips, Christine Ellery	1961
Maloney, Terence John	1958	Phillips, Stuart Hill	1963
Malpas, Cecil Egerton	1945	Phillips, Yvonne Ruth	1953
Manhire, Donald Walter	1955	Philp, Harold John	1953
Manning, Lancelot Henry	1934	Physick, Anthony Noble	1960
Manton, Jack Hudson	1934	Physick, William Alick	1940
Martin, Adeline Zoe	1934	Pickering, John Ronald	1953
Martin, Beverley Sue	1934	Pitman, Brian Arthur	1962
Martin, Kinnish Salkeld	1956	Pledge, John Melvin	1958
	1961	Pope, David Floyd	1958

Pope, Peter Ray	1962	Southam, David Michael	1959
Porra, Robert John	1953	Southam, Sydney Anthony	1950
Porter, Kenneth Symes	1935	Sowry, Kerry John	1962
Potter, Elizabeth	1963	Spafford, Rex Netherton	1939
Potts, Frank Desmond	1951	Sperber, Allan Lynton	1952
Preece, Malcolm Stewart	1954	Spick, John Vaughan	1957
Pride, Geoffrey William	1961	Spurling, Peter Michael	1958
Priss, Richard John	1941	Stain, John Wright	1939
Prisk, Colin John	1962	Standish, Donald James	1955
Pritchard, Helen Bessie	1948	Stanfield, Pauline	1960
Prosser, Malcolm Geoffrey	1955	Stanley, Patricia Dorothy	1954
Purches, John Alfred	1947	Starr, Barry John	1962
Quintrell, Laurence Neil	1959	Statton, Bruce Arthur	1943
Raimondo, Frederick	1961	Stedman, Paul George	1952
Ramsay, Douglas	1934	Stephens, James Stanley	1960
Ramsey, Colin Bruce	1950	Stock, Beresford Hannam	1957
Ramsey, Maxwell George	1953	Stock, Dianne Christine	1962
Ramsey, Mollie Aileen	1942	Storen, Walter Joseph	1951
Randell, William Richard	1940	Stratton, Trevor Carl	1961
Rankine, Ian Jeffrey	1942	Strehlow, Rotraud Frieda Agnes	1961
Raud, Rudolf	1955	Streicher, Francis Mannix	1942
Rauth, William Heselaine	1941	Stuckey, Mary Hill	1942
Ravesi, Louis	1961	Stunnel, Gwenda May	1957
Redmond, John William	1958	Sutcliffe, Lewis Allan	1952
Reid, Betty Lorna	1949	Swan, Joyce Charlotte	1942
Reid, Colin Liston	1954	Sweet, Ronald Langdon	1953
Retallick, Gladys Yvonne Joan	1943	Symonds, Robert Murray	1951
Retallick, John James Mark	1951	Talbot, Allan Benjamin	1940
Rice, William Frederick	1934	Taylor, Ray Athol	1949
Richards, Brian John	1952	Taylor, Ronald Norman	1947
Richards, William Leonard	1956	Taylor, William Thomas	1936
Richardson, Jack McPherson	1937	Teakle, John Kevin	1951
Richardson, Joseph Peter	1961	Telfer, Donald	1954
Richardson, Kevin Graham	1963	Theel, Elliott Wilkins	1955
Richter, John Steven	1954	Thomas, Donald Laurence	1961
Roark, Ian Bolton	1959	Thomas, Jeanette	1956
Roberts, Peter Vernon	1951	Thompson, David Richard	1958
Robinson, Murray Gilbert	1947	Thompson, Donald Bruce	1953
Rodda, Robert Willard	1955	Thompson, Eric James	1935
Rogers, Barry Harcourt	1952	Thompson, Jillian Erica	1959
Roblflug, Kenneth Malcolm	1948	Thomson, Margaret	1957
Rohrig, D'Arcy Clayton	1941	Thredgold, John Lewis	1960
Rolfe, Thomas John	1936	Tiver, Lloyd Charles	1937
Rosewall, Robert Walker	1953	Tomlinson, Janet Rosemary	1957
Rostek, Zenon Carolus	1957	Tonkin, Peter Richard	1942
Rowe, Gordon Thomas	1948	Townsend, Graham Rosslyn	1952
Rowe, John Crawford	1950	Tregilgas, Bruce Burnett	1957
Rowell, John Neville	1959	Trevelyan, Denys Murray	1948
Rush, William Callander	1959	Trummer, Anthony George	1955
Russell, Alan Alexander	1947	Tulloch, Roger James	1949
Russell, Norman	1950	Turner, Ross Walter	1959
Ryan, Molly Hazel	1942	Tyler, David John	1960
Ryder, John Bernard	1943	Upton, James Harold Charles Hughes	1938
Saies, David	1943	Upton, Robert Maxwell William Alexander	1951
Salman, Harry William	1934	Valente, Giulio	1955
Sansom, Lloyd Norman	1963	Veitch, Robert Henry	1951
Sawyer, Trevor Joseph	1955	Venning, Claude Meadows	1940
Scarman, Graham Alwyn	1954	von Doussa, Kathleen Gwendoline	1949
Schocroft, John Charles	1953	Walker, Brian Gilbert	1962
Schoff, James Alec	1958	Walker, Graham John	1961
Schroeder, June Adele	1951	Walker, Leonard Frank	1936
Schuetze, Robert John	1962	Walker, Raymond Charles	1943
Schultz, Barry Robert	1962	Wall, Kenneth	1936
Schultz, Francis John	1940	Wallace, Malcolm Gladstone	1958
Scrivener, Bruce Allan	1952	Walsh, Afton Peter	1937
Scrivener, Desmond Arthur	1950	Walsh, Zeta Mary	1934
Shapter, William Evan	1944	Wandke, Brenton Graham	1955
Shaw, Peter	1962	Ward, Clyde Hedley Charles	1948
Shepherd, Peter	1940	Ware, John Brian	1950
Shetliffe, Reginald George	1936	Warnecke, Drennan Paul	1949
Shinnick, John Roger	1959	Warnecke, Peter Gerald	1952
Short, Lynette Margaret	1952	Warren, Donald Spencer	1951
Shute, Leslie Norman Keith	1955	Washington, Neville Elliott	1958
Siggins, Ronald Hewitt	1938	Waters, Robert William	1958
Simcock, Gerald Cyril	1953	Watson, Colin Hubert	1955
Simon, John Ross	1951	Watson, John Myers	1949
Skews, Thomas Nisbett	1952	Watts, John William	1938
Skull, David Geoffrey	1961	Watts, Robert Neville	1955
Skurray, Ronald Anthony	1960	Wauchope, Alan Wylie	1941
Sleep, Frank Ronald	1945	Webb, Donald Ralph	1943
Smith, Brian Robert	1963	Webber, Brian Earl	1952
Smith, Frederick Brian	1960	Weedman, Dale Elton	1954
Smith, Graham Reginald	1934	Weir, Nancy Mavis	1963
Smith, Heather Belle	1957	Weller, Reginald Lancelot Elon	1953
Smith, Mervyn Keith	1939	Wellington, Nancy Catherine	1944
Smylie, Gordon McInnes	1940	Wescombe, Peter George	1953
Smyth, Neil Lawrence	1950	West, Lionel Thomas	1952
Somerville, Peter James	1960	Wheaton, Frank Hurtle Pengelley	1948
Somogyi, Laszlo	1956	Wheeler, Eric Henry	1942
Sorrell, Leonard Martin	1942		

Wheeler, Reginald Gordon	1944	Wilson, William Fraser	1941
Whitelum, Donald Lindsay	1959	Wood, Ian Barclay	1962
White, Brian Kenneth	1957	Woods, Meredyth Tenison	1962
White, John Carew	1940	Woolford, Lewis Maxwell	1951
White, John Matthews	1941	Woollard, Mervyn John	1935
Wiesner, John Alexander	1963	Woollard, Michael Jon Winston	1962
Wickes, Ronald John	1941	Wornald, Colin Lyle	1962
Wigley, Tom Joseph	1934	Worthington, Ralph Henry	1953
Williams, Allan Ross	1956	Wurm, Peter Sinclair	1953
Williams, Brian Norman	1954	Wyld, Robert Bowen	1950
Williams, Edward Francis	1947	Young, Geoffrey David	1962
Wilson, Beryl Maud	1951	Zander, Frank Howard	1941
Wilson, Donald Kenneth	1951	Zilm, Lorraine Betty	1956
Wilson, Michael Minell	1956		

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Halls, Christobel Heather Susannah	1949
Andrews, Judith Mary, B.A.	1958	Hambidge, Margaret Cecile, B.A.	1942
Angove, Margaret Carlyon	1942	Hamilton, Diana May	1954
Ashbolt, Winifred Joy	1948	Harris, Cyril Eric McGillivray	1949
Astley, Joyce Mary	1947	Haselgrove, Margaret Ann	1956
Austin, Meredith Helen	1959	Haslam, Anne	1947
Bails, Ruth	1943	†Haste, Ada Louise (1941)	1942
Baker, Mary Elizabeth	1947	Hayter, Joan Nelson	1948
Bakewell, Joan Helen	1951	Heffernan, Helen Margaret	1949
Ball, Heather	1951	Helman, Eve	1947
Ball, Iris Marguerite May	1949	Henderson, Barbara	1947
Bates, Nancy Patricia	1947	Henderson, William Lionel	1959
Bayer, Josephine Kent	1944	Hicks, Elizabeth Joan	1950
Benjamin, Eric	1949	Hill, Josephine Margery	1950
Bidwell, Dorothy Gwendoline	1949	Hogben, Elizabeth Cole	1948
Boehm, Claire Edith	1951	Hone, Jillian Raymond	1956
Bosworth, Catherine Jean	1947	Hope, Marjory Frances	1947
Bowen, Mary Alice	1957	Horton, Robert Ralph, M.B., B.S.	1957
Bowen, Suzanne Joan	1944	Howe, Ameera Patricia Shirley	1956
Bruer, Bridgit Hilda	1957	Hunter, Geoffrey Norman	1950
Buckley, Hannah	1942	†Hunwick, Maureen Mary (1938)	1942
Burnett, Ronda June	1949	Hutchinson, Yvonne Francis	1949
Burns, Margaret Ternouth	1945	Jackson, Iris Ellen	1949
Carlton, Eileen Grace Sally	1953	Jacobs, Eleanor Caroline	1944
Carthew, Margaret	1948	James, Helen Margaret, B.A.	1943
Cashell, Frances Marie	1955	Jenkins, Merle Nona	1950
Cavalier, Elizabeth Mary	1944	John, Ian David	1956
Chong, Catherine Chee Kin	1956	Johnson, Marjorie Lisle	1947
Clark, Caroline Emily	1949	Jones, Albert Richard	1949
Clarke, Walter Frederick	1950	Kay, Franziska Clara	1948
Clay, Geraldine Ann	1958	Kempe, Merridy Henderson	1948
Clegg, Donald Stanley George	1950	Kennedy, Marjory May	1954
Cleland, Pamela Mary, B.A.	1949	Kerr, Olwyn Gertrude	1948
Clucas, Gwendoline Ivy	1944	Khoo, Beng Choo	1959
Cope, Joan Maxine	1951	Lawrence, Robert John, B.A.	1953
Cornish, Mary Esther	1947	Lean, Shirley Doris	1949
Crook, Marjorie Marion, B.A.	1948	LeCornu, Barbara Joy	1949
Crosby, Heather Bembrick	1945	Leonard, Mary Jocelyn	1960
Crouch, Lilian Rubena	1948	Lewis, Ruth Pamela	1949
Cuddihy, Geoffrey Thomas	1952	Linsell, Nina Constance	1959
Cuthbertson, Grace Joy	1953	Liston, Doreen Bice	1950
Cutten, Judith Ann	1959	Lorking, Diana Pauline Elizabeth, B.A.	1950
†Davis, Phyllis Evelyn Eva (1941)	1942	Lovibond, Sydney Harold	1949
Daw, Rosalind Anne	1957	†McDonald, Jessie Angus (1939)	1942
Dermott, Veda Rosemary	1957	McEachern, Heather Campbell	1956
Dixon, Beryl Joyce	1957	†McIntosh, Florence Mary (1938)	1942
Dobson, Lesbia Constance Alma, B.A.	1947	McGlaughlin, Helen	1948
Douglas, Christine Gordon	1948	†McKail, Mary Boyer (1938)	1942
Douglas, Sonia Yvonne	1956	MacKay, Annette Frances	1942
Dow, Anne Eleanor	1949	†Macklin, Nancy Marie (1940)	1942
Duncan, June Valerie	1954	MacLennan, Flora Joy	1942
Dutton, Léonie	1959	McPherson, Margaret Helen, B.A.	1953
Edwards, Alison Joy	1957	Maddigan, Pauline Anne	1954
Ellis, Joan Mary	1950	†Marcus, Patricia Langman (1936)	1942
Featherstone, Dora Bewley, M.A.	1942	Marsden, Elizabeth Ann	1953
Fitzgerald, Gwennyth Joy	1952	Mathews, Rita Clarice	1948
Flett, Phyllis Margaret	1948	Matters, Barbara Frances	1948
Fong, Yin Kam	1953	Matz, Marilyn Anne	1959
Forrest, Ida Jean	1949	Maund, Doreen Rhoda	1951
Fox, Alison Frances	1947	†Mengerson, Margaret (1939)	1942
Fox, Imogen Dymphna	1955	Mercer, David Jeffrey	1948
Garran, Elisabeth Rosemary, B.A.	1955	Mitchell, Aithnah Howard	1950
Gault, Yolande Mary	1949	Miller, Barbara	1956
Glastonbury, Albert Angus	1955	Modra, Pamela Marie	1956
Gow, Alwyn Mona King	1950	Moseley, Claire Elizabeth	1957
Graham, Elaine Alston	1951	Mowbray, Brenton George	1958
Griffith, Elsie Mervyn	1948	Mune, Marie Elizabeth, B.A.	1954
Guinand, Marie Louise	1955	Nairn, Phyllis	1948
Habib, Mary Lorraine	1951	Nankivell, Diane	1948
Hallett, Rosamund	1951	Noble, Joy Beryl	1958

† See footnote at end of list.

Osterman, Ingrid Gwendoline	1951	Still, Joan Eunice	1961
†Paine, Helen, B.A. (1940)	1942	Stock, Colin Rendle	1949
Paine, Janet, B.A.	1949	Streicher, Joan Patricia	1950
Parker, Thelma Margaret	1948	Sugg, Madge	1947
Parkinson, Joan	1958	†Sullivan, Margaret Rendle, B.A. (1941)	1942
Pascoe, Noeleen Deidre	1952	Tai, Marlene	1945
Perrins, Pamela Aileen	1953	Tan, Sock Kia	1959
Plunkett, Margaret Elizabeth	1948	Tarbath, John David	1950
Plush, Helen Marie	1950	Teasdale, Margaret Jean	1952
Polkinghorne, Patricia Margaret	1951	Teate, Elizabeth	1950
Pope, Kathlyn Hilary, B.A.	1953	Thomson, Joanna Roberta	1947
Porter, Margaret Leishman	1949	Thomson, Reginald	1949
†Prince, Beryl Lloyd (1940)	1942	Tilemann, Rosemary	1957
Reed, Margaret Kathleen	1942	Tipping, Barbara Gertrude	1944
Reynolds, Lilo, B.A.	1952	Tothill, Judith Windebank, B.A.	1953
Ringwood, Pamela Elsie, B.A., LL.B. (Sydney)	1958	Travers, Ellen Gertrude	1955
Roberts, Barbara June	1950	Trotter, Eileen Mary	1947
Roberts, Luke Vincent	1949	Turner, Margaret Patricia	1954
Rushton, Jennifer Fielding	1954	Tyson, Donald Gordon	1959
Russell, Brenda Amanda	1949	van Raalte, Winifred	1947
Sadleir, Barbara Isabel	1954	Vincent, Ivan Leonard Ray	1952
Salter, Amy Vivien Fulton	1945	Walters, Margaret Ward	1947
Sandford, Patricia Mary	1947	Warner, Joan	1951
Sandford-Morgan, Rosemary Linton	1949	Warnest, Jean Alice	1949
Sard, Helen Riddoch	1953	Waters, Lesley Brenda	1947
Schmidt, Thekla Naomi	1947	Waterman, Collette	1944
Seedsman, Lorna Joan	1956	Wemyss, Glenys Maisie	1951
Serradura, Anthony Alexander	1953	Whitehead, Millicent Alma, B.A.	1949
Shaw, Margaret Poinon	1945	Whittington, Anne, B.A.	1951
Silk, Beatrice Mary Mounsey	1945	Wicks, Nancy Elizabeth	1947
Simes, Maysie Hall	1948	Wilmot, Edith French, B.Sc.	1944
†Slade, James Francis (1939)	1942	Wilson, Shirley Cameron	1950
Smith, Elery Hamilton	1950	Winter, Eva Bertha	1951
Smith, Graham Frank	1948	Winter, Lewis Walter	1948
Sobey, Iris Beatrice, B.A.	1947	Wollaston, Julienne Kimmont	1954
†Stanton, Anne (1940)	1942	†Woods, Irene Constance (1938)	1942
Stephen, Winifred Grace	1947		
Stevenson, Margaret	1947		

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

ASSOCIATES IN SOCIAL STUDIES

Ambrose, Raymond Hamilton Cole	1963	Hughes, Patricia Gliddon, B.Sc.	1960
Barker, Natalie Ruth	1963	Jeffries, Elizabeth Shirley, B.A.	1959
Bird, Catherine Campbell	1963	Jones, Moya Frances Britten	1959
Burnard, Robin	1960	Kernick, Lorraine Maria Catherine	1963
Clarke, Bernard Angus	1963	Killington, Gary Milton	1963
Clarkson, Phyllis Anne	1963	McKittrick, Coral Yvonne	1961
Cohn, Juliet Elizabeth	1963	Mander, Barbara Anne	1963
Cutten, Annable Jean	1963	Meaney, Jillian Olga	1963
Dermott, Veda Rosemary	1959	Miller, Christine Elisabeth	1963
Douglas, Rosemary Lillian, B.A.	1981	Moore, Barbara Grace, M.A. (Melbourne)	1960
Gay, Patricia Emma	1961	Nance, Graham John	1962
Golley, Alison Mary	1962	Noble, Jack Morton	1962
Good, Elizabeth Ruth	1963	Potter, Pamela Du Rieu	1963
Haeusler, Michael John Rowland	1963	Price, Lorraine Ruth	1959
Hardy, Margaret Anne	1962	Rice, Peter Melville	1963
Harris, John Vivian	1962	Southgate, Jocelyn Margaret	1963
Hemer, John Murray	1962	Tan, Jerry Andrew	1961
Higgins, Anthea Mary	1961	Weir, Harold Gibson	1963
Hines, Judith Helen	1963	Yeo, Kim Seok	1961
Holland, Terence Joseph	1960		

ASSOCIATES IN PHYSIOTHERAPY

Abbie, Margaret Helen	1963	Broad, Donald Ivor	1954
Ackland, Helen Harrington	1958	Brooks, Dorothea Joan	1956
Adams, Jill Patricia	1962	Burnard, Elizabeth Glen	1963
Addison, Geraldine Mary	1960	Burrows, Susan Joy	1962
Anderson, Doreen May	1958	Chambers, Ruth Alva	1955
Appleby, Dorothy Dawn	1950	Chapman, Margaret Ann	1957
Ashton, Barbara Jean	1953	Chapple, Margaret Anne	1962
Badge, Helen Elizabeth	1960	Chittleborough, John James	1952
Banks, Athalie Isabelle	1951	Clark, Genevieve Mary	1950
Banks, Garland	1951	Clark, Jennifer Margaret	1954
Barclay, Alison Mary	1960	Clark, Jennifer Elaine	1955
Barlow, Margaret Jean	1956	Collins, Doreen	1946
Beech, Alison Erica	1954	Colliver, Judith Mary	1947
Begg, Jenny Isobel	1949	Copley, Fay Muriel	1948
Begg, Pauline	1951	Cornell, Janet-Clare	1956
Birks, Prudence Carleton	1963	Cornish, Barbara Jean	1957
Biven, Mabel Audrey	1947	Cornish, Gweneth Kathleen	1957
Blake, Jillian Heather	1956	Creswell, Joan Elizabeth	1951
Bloor, Hellyne	1961	Crisp, Rosemary	1956
Bowden, Margery Helen	1960	Crocker, Colleen Ann	1958
Bowman, Kathleen Mary	1952	Cross, Geraldine Frances	1954
Brady, Kevin James	1953	Crowe, Helen Katherine Margaret	1948
Branson, June Maxine	1948		

Davys, Barbara Ramsay	1951	Mitchell, Dorothy Christine	1948
Deverson, Claire	1961	Moore, Margaret Suzanne Alice	1945
Dicker, Pamela Georgine	1962	Moore, Virginia Joyce	1952
Dicker, Patricia Margaret	1958	Morley, Mary Elizabeth	1946
Dingle, Elizabeth Ridgway	1960	Morris, Suzanne Beatrice	1949
Donaldson, Robert Gordon	1948	Moulden, Gillian Mary	1960
Dow, Diana Caroline Sandland	1947	Myers, Janice Kaye	1963
Downs, Margaret Rosslyn	1961	Navakas, Aldona Victoria	1957
Dunkley, Barbara	1952	Neaylon, Carmel Mary	1960
Dunning, Barbara Kathleen	1963	Newland, Elizabeth Creswell	1961
Dunning, Beverley Constance	1958	Newton, Margaret Betty	1950
Dwyer, Margaret Rosalind	1958	O'Connell, Barbara	1952
Evans, Margaret Wynne	1956	Page, Helen Mary	1961
Fielder, Ethel Kathleen	1948	Paige, Maxwell John	1949
Fisher, Joan Elizabeth	1957	Farsons, Jill Angus	1958
FitzPatrick, Eril Margaret	1950	Parsons, Stephanie Ethel	1961
Follett, David James	1953	Pedler, Hatherleigh Jane Lorimer	1962
Frankcom, Rhonda Patricia	1952	Pengilly, Susan Lisbeth	1957
Fricke, Muriel Vera	1948	Petchell, Dorothy May	1960
Gardner, William James	1960	Phillipps, Margaret Jean	1945
Gault, Averil Margaret	1949	Phillis, Maureen Alfreda	1962
Gemmell, Rae St. Clair	1958	Pierotti, Margaret Brown Halley	1955
George, Elaine Fay	1961	Pill, Barbara Elaine	1958
Gibson, Pauline Janet	1956	Pinder, Judith Ann	1954
Gilbertson, Jean Margaret	1963	Piper, Rosemary Lillecrapp	1954
Gillman, Meredith Eldred	1958	Pitchee, Anne Barton	1951
Glover, Patricia Joan	1961	Plush, Lesley Margaret	1949
Goldsack, Jennifer Ann	1960	Polomka, Genevieve Joan	1957
Graham, Alison Margaret	1960	Preston, Pauline Rowland	1949
Graham, Ronald Kirkwood	1953	Price, Joanna	1960
Gray, Gary Colin	1953	Radford, Margaret Ann	1956
Gray, Janet Lesley	1950	Reynolds, Peter John	1960
Gray, Jennifer	1962	Rice, Miriam Joan	1958
Gray, Jule Marie	1951	Rischbieth, Anne Helen	1950
Guy, Elizabeth Joan	1963	Koach, 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
Hannafoord, Claire Anne	1949	Rumball, Kathleen Janet	1955
Hardy, Barbara Mansell	1946	Russell, Rosemary Alisanne	1961
Hardy, Mary Mansell	1951	Rzeszkowski, Lois Morna	1946
Haskard, Robin Lindsay	1954	Salmon, Margaret Besley	1945
Heyesen, June	1948	Sandow, Maxwell George	1952
Holder, Charlotte Ruth	1949	Sawley, Helen Jean	1963
Hole, Rachel Agnes	1962	Schafer, Enid Alice	1962
Hosking, Elizabeth Mary	1957	Sharp, Janet Dianne	1960
Humphry, Mary Louise	1962	Shaw, Julie Margaret Rodas	1962
Jackson, Pauline Kay	1963	Shearer, Jocelyn Joan	1962
Jamieson, June Edna	1953	Showell, Jacqueline Mary	1963
Jay, Judith Helena	1947	Simpson, Jean Katie	1952
Jennings, Jill Gellibrand	1947	Simpson, Rae David	1951
Job, Kathleen	1950	Simons, Aileen Mary Grace	1957
Johns, Gordon James	1946	Sims, Enid Helen	1950
Johnstone, Heather Joy	1958	Skewes, Pritam	1960
Jones, Alison Mary Herbert	1948	Skewes, Judith Anne	1963
Jordan, Hilary Anne	1951	Smith, Elaine Lockhart	1946
Juttner, Susan Elizabeth	1953	Snow, Frances Mary	1955
Karpenko, Tatiana	1961	Sopp, Maxwell John	1958
Karpenko, Zoya	1961	Southam, Catherine Mary Rose	1956
Kelly, Francis Simeon	1949	Springbett, Janice Patricia	1963
Kinsman, Alison Joan	1949	Starr, Judith Anne	1954
Klutke, Eric Willi	1953	Stoddart, Lorraine Mary	1951
Laffer, Erica Merle	1952	Stokes, Meredith	1962
Lake, Joan	1946	Supple, Harvey Walter Thomas	1958
Laver, Dorothy Margaret	1948	Stump, Angela Withrington	1961
Leslie, Janice Laurel	1958	Symonds, Helen Lorna	1960
Limbirt, Jeanette	1960	Taylor, Christobel Jane	1952
Lloyd, Rosemary Anne	1962	Taylor, Margaret Anne	1952
McArthur, Judith Ann	1958	Taylor, Margaret Jane	1960
McAuliffe, Margaret Muriel	1960	Taylor, Margaret Mary	1952
McCandless, Rosalind Elizabeth	1953	Thomson, Janet Elizabeth	1951
McEachern, Jean Campbell	1958	Thorpe, Barbara Joy	1957
McEachern, Margaret Campbell	1963	Thorpe, Heather Evelyn	1957
McElroy, Margaret Joyce	1950	Toft, Jan	1956
McGrady, Rosemary Annette	1959	Tosolini, Gwen Corinna	1951
McKay, Margaret	1962	Tregenza, Ann Irvine	1956
McKeough, Margaret Joan	1957	Trott, Patricia Helen	1963
Mackie, Margaret Irene	1950	Viksna, Velta	1955
McLennan, Fay Masie	1951	Vincent, Jillian	1957
McPhee, Aileen Tempe	1949	Waddell, Margaret Jean	1945
Macrae, Wendy Sue	1961	Walford, Joan Louise	1957
Maitland, Geoffrey Douglas	1949	Walker, Judith Nora Mudies	1958
Maloney, Patricia Kathleen	1950	Walker, Patricia Elizabeth	1963
Marshman, Margaret Felstead	1946	Wall, Ellen Winifred	1953
Martin, Jill Sherwood	1961	Warmington, Leonie Eve	1961
Messent, Helen Sando	1960	Waterhouse, Jane Hardey	1953
Meyer, Carlien Allisarde Ripley	1952	Watts, Alison Janet	1962
Meyer, Rigmor Stewart	1948		

Webb, Nancy Joan - - - - -	1958	Willis, Elizabeth Mary - - - - -	1960
Whicker, Joan Doreen - - - - -	1954	Wilson, Earle Elliot - - - - -	1958
White, Jenifer Judith - - - - -	1954	Wood, Judith Mary - - - - -	1953
White, Ruth Rosanne - - - - -	1956	Woolcock, Susan Jane - - - - -	1963
Wicks, Claire Hampton - - - - -	1947	Wylde, Annette Eustace - - - - -	1947
Williams, Margaret Jean - - - - -	1961	Young, Margaret Alison - - - - -	1960

ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond - - - - -	1960	Bosworth, Catherine Jean - - - - -	1951
Adams, Colin Travers - - - - -	1962	Bourman, Robert Peter - - - - -	1960
Adams, Ian Sorby - - - - -	1959	Bourne, Margaret Cornelius - - - - -	1949
Adams, James Harold - - - - -	1961	Bowden, Janet - - - - -	1951
Adams, Malcolm Thomas - - - - -	1952	Bowler, Mary - - - - -	1949
Ahrens, Elsie Gladys (surrendered 1955) - - - - -	1951	Bown, Henry Theobald - - - - -	1949
Aitchison, John William - - - - -	1963	Boyd, Pamela Helen - - - - -	1963
Alexander, Stuart Dixon - - - - -	1952	Braham, Henry Arnold Collyer (surrendered 1959) - - - - -	1949
Anders, Beverley Margaret - - - - -	1958	Brand, Janice Margaret - - - - -	1962
Anderson, Welwood Leslie - - - - -	1963	Brand, Valerie Mildred - - - - -	1960
Andrew, Russell - - - - -	1960	Brideson, Colin Herbert - - - - -	1950
Andrews, David Francis William - - - - -	1948	Bridgland, Margot Elizabeth - - - - -	1953
Andrews, Rosemary Alison - - - - -	1953	Bright, Esther Hollidge - - - - -	1960
Arbery, James Herbert (surrendered 1959) - - - - -	1957	Britton, Robert John - - - - -	1960
Argyle, Barry - - - - -	1954	Brockhoff, Carol Faith - - - - -	1960
Armitage, Bessie Eleanor Mildred - - - - -	1949	Brocksopp, John Ernest, LL.B. - - - - -	1951
Armour (nee O'Leary), Patricia - - - - -	1950	Brooks, William Charles - - - - -	1963
Ashenden, Dean John - - - - -	1962	Brown, Bruce Ambrose Hampson - - - - -	1960
Ashenden, Edward Scott - - - - -	1961	Brown, Norman (surrendered 1952) - - - - -	1951
Ashton, Walter Ray - - - - -	1950	Brown, Patricia Lorraine - - - - -	1958
Aspinall, Nancie Jean - - - - -	1951	Browne, Thomas Joseph - - - - -	1957
Atkin, Jack Taylor - - - - -	1955	Buick, William George (surrendered 1956) - - - - -	1950
Aubert, Graham James - - - - -	1958	Bull, Keith Charles - - - - -	1962
Auhl, Ian Leslie - - - - -	1952	Burfield, Gillian Elizabeth - - - - -	1963
Aylesbury, Colleen Valma Grace - - - - -	1959	Burfield, Margaret Elizabeth - - - - -	1956
Baddams, Alfred William - - - - -	1962	Burfield, Philip Allan - - - - -	1961
Bailey, Donald William - - - - -	1956	Burgan, Owen Sylvester - - - - -	1948
Bails, Dennis Graham - - - - -	1959	Burgan, Owen Thomas Sambell - - - - -	1963
Bain, Barrington Walter - - - - -	1960	Burger, Janette Ann - - - - -	1958
Bain, Dean Rollo - - - - -	1959	Burley, Betty Ellanora Dawn - - - - -	1951
Baird, Alexander William - - - - -	1959	Burnard, Charles Robert - - - - -	1948
Baird, Rachel Mary - - - - -	1949	Burns, Esther - - - - -	1946
Baker, Brian Reginald - - - - -	1962	Burns, Robert Alexander - - - - -	1951
Baker, Harvey Laurence - - - - -	1950	Burton, Lorraine Anne - - - - -	1961
Banks, Jessie Mary - - - - -	1962	Burville, Thomas George Theodore - - - - -	1952
Barclay, Barrey Ballington - - - - -	1957	Bury, Warren Richard - - - - -	1963
Barker, Leon James Frank - - - - -	1952	Butcher, Colin Sydney - - - - -	1951
Barker, Nancy Elizabeth - - - - -	1961	Butler, Francis James - - - - -	1948
Barr, Gweneth Janet - - - - -	1957	Butler, Kenneth - - - - -	1963
Barr, Trevor Frank - - - - -	1961	Buttrose, Stroma - - - - -	1951
Barr, Trevor Marshall - - - - -	1961	Buxton, Gordon Leslie (surrendered 1962) - - - - -	1955
Barratt, Christopher Holland - - - - -	1961	Byerley, Ernest William - - - - -	1963
Barrett, Donovan Thomas - - - - -	1959	Bywaters, Mary Barfield - - - - -	1951
Barry, Anne Madeleine - - - - -	1963	Cadd, Paul - - - - -	1961
Barley, Helen Louise (surrendered 1962) - - - - -	1959	Campbell, Barbara - - - - -	1950
Bartram, John Douglas - - - - -	1962	Canning, Sesca Sunbeam - - - - -	1960
Bastian, Elwin Scott (surrendered 1956) - - - - -	1952	Carle, Judith Anne - - - - -	1959
Bawden, Maxwell John - - - - -	1958	Carmichael, Barry Marshall - - - - -	1962
Baxter, Ladislus Edward - - - - -	1949	Carmichael, Donald Ross (surrendered 1950) - - - - -	1949
Bayly, Elizabeth - - - - -	1948	Carpenter, Ivor Vernon - - - - -	1961
Beare, Lynden Day (surrendered 1960) - - - - -	1955	Carthew, Ross Ernest - - - - -	1960
Beare, Lynette Barbara - - - - -	1959	Cavenett, Horace Clifford - - - - -	1948
Beasley (nee Ford), Beverley - - - - -	1958	Champion, Dorothea Hedwig - - - - -	1958
Beasley, Victor John (surrendered 1957) - - - - -	1955	Chandler, Douglas Norman - - - - -	1951
Beaton, Kenneth Murray - - - - -	1958	Chappel, Shirley Joan (surrendered 1959) - - - - -	1956
Beaty, Arnold Keith - - - - -	1952	Chapman, Kathrine Mary - - - - -	1962
Beaumont, Dorothy Mary - - - - -	1963	Charlesworth, George Harvey (surrendered 1953) - - - - -	1950
Becker, Roy Colin - - - - -	1959	Charlesworth, Jennifer Joy - - - - -	1957
Beer, Peter John - - - - -	1961	Charlesworth, Joan Ann - - - - -	1954
Beilby, Shirley May - - - - -	1954	Chettle, Alison Rosemary - - - - -	1962
Bell, Kenneth Robert - - - - -	1961	Chinnick, Richard Lionel - - - - -	1954
Bennett, Henry Russell - - - - -	1948	Chirgwin, Richard Joseph - - - - -	1962
Bennetts, Lloyd Neville - - - - -	1963	Christopher, Glenys Joan - - - - -	1963
Berg, Carlene Robin - - - - -	1959	Cinzio, Aldo Guiseppe - - - - -	1960
Bernard, Dorothy Adele James - - - - -	1958	Clancy, Peter Allan (surrendered 1962) - - - - -	1953
Berry, Christine (surrendered 1963) - - - - -	1961	Clapp, Edwin Kenneth Hamilton - - - - -	1960
Berry, Elizabeth-Anne - - - - -	1962	Clark, John Stephen - - - - -	1951
Biddle (nee Richards), Mary Elizabeth - - - - -	1948	Clark, Marjorie Hilda - - - - -	1960
Bieske, Elaine Alison, B.Sc. - - - - -	1962	Clarke, Brian Russell, B.Sc. - - - - -	1961
Billing, Elizabeth Margaret - - - - -	1960	Clarke, Margaret Anne - - - - -	1948
Bills, Barbara Alison - - - - -	1959	Clarke, Ruth Mary - - - - -	1949
Birks, Stuart Napier - - - - -	1962	Clements, John Wreford (surrendered 1963) - - - - -	1958
Black, Jill - - - - -	1959	Clezy, Alethe Kathleen - - - - -	1956
Blacket, Muriel Kirin - - - - -	1960	Cochrane, Heather Bernice - - - - -	1954
Blake, Ronald - - - - -	1961	Coggins, Harold Douglas, B.Sc. - - - - -	1954
Bonnett, Victor Walter Lincoln - - - - -	1954	Coggins, Jean Evelyn - - - - -	1961
Boehm, Kaylene Mary - - - - -	1960		
Bormann, Malcolm Carl - - - - -	1959		

Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951	Dyer, Frederick Stephen William	1955
Coker, John Godfrey	1954	Dyster, Colin	1958
Coles, John Lawrence	1962	Dyster, Thomas (surrendered 1953)	1949
Collins, Geraldine Ray	1961	Earle, Marilyn May	1962
Collins, Henry Angus	1959	Eckert, Lexley Frank	1951
Collins, Patricia	1960	Edge, Thomas George, A.U.A. (Phys.Ed.) (surrendered 1963)	1961
Conley, Michael Joseph	1963	Edmonds, Thomas James (surrendered 1963)	1956
Considine, Thomas John	1950	Edwardes, Arthur Diedrich	1950
Cook, Colin George	1961	Elkins, William Gray	1955
Cook, Dorothea Joy	1961	England, Barbara Winsome	1963
Cook, Owen Gladstone	1951	Erlanger, Henriette	1962
Coombs, Ruby Rachel	1953	Esselbach, Rodney (surrendered 1956)	1953
Coppock, Alfred Arthur	1950	Evans, Ben Owen	1950
Cornelius, Dorothy Clare	1962	Evans, Peter	1953
Correll, Meredith Anne	1962	Fagan (nee Michael), Agnes Ruth	1955
Cotton, Clare Isabella	1961	Farmer, Geoffrey Arthur Jessop	1956
Couch, Pamela Lyn Stacey	1963	Farrow, Robert Murray (surrendered 1956)	1950
Coulter, Frank	1961	Fatchen, Winsome Genevieve	1963
Cousins, Georgena Millicent	1949	Faul, James Francis	1957
Cowley, Lorine Joan	1952	Fechner, Ronald Kevin	1955
Cox, Barbara Caroline	1962	Fehlberg, Albrecht Joachim	1955
Cox, Margaret Helen	1960	Feineler, Josephine Mary (surrendered 1962)	1958
Cozens, Samuel Sydney	1963	Fenwick, George William	1963
Cracknell, Vernon John	1959	Fenwick, Margaret Jean, A.U.A. (Phys.Ed.)	1961
Cranford, Barry John	1963	Fergusson, George Robert (surrendered 1953)	1948
Crick, Beverley Joan	1963	Fielke, Robert John	1960
Crick, Pamela Anne	1960	Findlay, Anthony Robert Charles	1963
Cropley, William Haywood	1958	Fitch, Nancy Jean	1949
Cross, Jack (surrendered 1957)	1953	Fitzgerald, Clarence Lindsay (surrendered 1952)	1949
Crotty, Margaret Audrey	1962	Fitzgerald, Peter Lawrie	1963
Crouch, Stuart Samuel	1956	Fletcher, Diana Kay	1962
Crowther, Frederick John	1963	Fliszar, Beatrix	1960
Cunningham, John Sydney	1962	Flower, Richard Thomas	1963
Cupples, Sylvia Joyce	1956	Floyd, Dennis Sinclair	1961
Dadds, Brian James	1959	Fopp, Brian Paul	1950
Dadliff, Amette Thelma	1962	Foweraker, Alma Muriel	1950
Daenke, Eric	1948	Fowler, Ian Albert	1960
Dahl, James Oliver	1949	Francis, Lindsay Edward	1961
Dalzell, Josephine Nicholson	1963	Frank, Walter	1960
Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.)	1962	Fraser, John William	1963
Dangerfield, Graham Lance	1963	Freidenfelds, Ieva	1961
Darby, Ruth Mary	1949	Fricke, Lourdes Victoria	1951
Davey, Kenneth Llewellyn James	1953	Friedrichs, Noel Carl	1952
Davies, Christine Anne	1963	Fuss, Patricia Joy	1959
Davies, David Alwin	1956	Gage, Josephine Helen	1958
Davies, David William	1950	Cale, Milton Ewart	1956
Davis, Brian	1949	Gallas, David Dalmain	1956
Davis, Frederick Harry (surrendered 1955)	1954	Calle, Reginald Victor	1951
Davis, Leo Robert	1963	Galvin, Patrick John (surrendered 1956)	1953
Davy, Alma Joan	1961	Carbutt, Mary	1954
Dawe, John Francis Ernest	1963	Gare, Dorothy Lomax	1958
Dawes, Walter Ernest (surrendered 1954)	1949	Garrett, Karil Mary Faith	1962
Dayman, John Maxwell	1963	Geekie, Ronald Gordon	1955
Dean, Daniel Frederick	1959	Geering, Adrian Douglas	1963
Delsar, Frederick William	1949	Gent, Alan Peter	1962
Dempster, Beryl Joan (surrendered 1963)	1961	Gerhardy, Gordon John (surrendered 1962)	1956
Dempster, Donald	1949	Gerken, Dieter Ernst	1963
Dening, Patricia Joan (surrendered 1958)	1956	Gerner, Gillian May	1962
Dent, Ronald Thomas Stewart	1952	Gibbs, Alfred Lewis Burnand	1948
Dickinson, Gwladys Margaret	1958	Gibbs, Helen	1962
Dillon, Gerald Alexander, B.A., B.T. (Calcutta)	1958	Gibson, Helen Edith	1961
Dillon, Neralie Anne (surrendered 1961)	1957	Giddings, Keith (surrendered 1962)	1958
Ding, Graham John	1961	Gidney, Maxine Florence	1957
Dixon, James Emslie	1957	Giles, James Ramsay	1951
Dobner, Coralie Ann	1959	Gillies, Elizabeth Claire	1959
Dobner, Frederick Jack Pozières	1956	Gladwell, John Neal Thomas	1963
Dodd, Josephine Joyce	1962	Glazbrook, Evelyn Marshall	1958
Dodsworth, Ian Innes	1963	Glenn, Graham Gordon (surrendered 1958)	1954
Dolling, Alison Mary	1960	Glover, Geoffrey Edward Harold	1951
Dorman, Jean Alison	1951	Glynn-Roe, Wilfrid Joseph	1948
Dougherty, Ronald James	1963	Gobbett, Donald Lyon (surrendered 1962)	1960
Dowdell, Anne	1961	Godwin, Suzanne (surrendered 1962)	1960
Dowley, Pamela Anne	1962	Golding, Edmond William (surrendered 1951)	1949
Driver, Bruce Edwin	1952	Goode, Joy Eleanor	1963
Driver, Tess	1962	Gooden, Christabel Anne	1961
Driver (nee Nixon), Valerie Colinette (surrendered 1957)	1952	Goodman, Geoffrey Thomas	1962
Drogemuller, Jillian	1961	Gordon, Bruce Rutherford	1963
Drummond, Susan Kay	1962	Govier, Gerald Arthur	1963
Duell, Allen John	1951	Gower, Charlie James (surrendered 1954)	1951
Duffield, Allan Raymond	1961	Graham, John Robert	1961
Duffield, John Richard	1963	Grave, Rosemary Anne	1956
Dunbar, Harry Edward	1953	Gray, Ian Howard	1962
Dunlop, Walter James (surrendered 1952)	1951	Grebneff, Antonina	1962
Dunstan, Allan Frederick	1961	Green, Ian Edward Charles (surrendered 1963)	1949
Dunstan, Arnold Edward Stanton	1948	Griffin, Margaret Elizabeth	1959
Dunstan, John Charles	1963	Grigg, Marilyn Jeanette	1961
Dunstan, Leonore Winifred	1958		

Grigg, Michael Liston	1959	Howlett, Eric Douglas	1958
Guerin, Robert	1950	Hudson, Nancy MacDonald	1954
Gunn, Donald Malcolm	1963	Hughes, John	1953
Gunn, James Allan Baird (surrendered 1959)	1957	Humphrey, Ruth Iris Marie, B.Sc.	1956
Gurry, David Cyril	1960	Humphreys, Minnie Rees	1960
Hackworth, Anne Elizabeth	1961	Humphries, Arthur Cecil George	1950
Haese, Kevin Arthur	1955	Humphries, Edna Jeanine	1951
Hagger, Brian Gordon	1963	Humphries, Ralph (surrendered 1961)	1959
Hakendorf, Hansie St. Clair	1950	Humphrys, Walter Raymond	1961
Hall, Clifford Thomas Robert	1950	Hunwick, Margaret Anne	1959
Hall, Glenys Christine	1962	Hussey, Francis Leitch	1950
Hall, Robert Arthur	1962	Hutchins, Robert John	1961
Hallewell, Audrey Joan	1952	Hutson, Walter William	1948
Hallewell, Heather May	1961	Hutton, Malcolm Austin (surrendered 1963)	1958
Halsey, Trevor Geoffrey	1959	Hynes, Gertrude Doreen	1955
Hammond, William David	1952	Iliffe, Rosa Lorene	1954
Hanks, Cynthia Rose	1959	Jackson, Esther Mary	1952
Hanley, Heather Mary	1962	Jackson, Murray Keith Wallace	1960
Hanlon, Donald Ernest	1960	Jackson, Peter Alexander	1962
Hanlon, Maureen Annette	1961	Jakobsen, Hugo (surrendered 1954)	1952
Hannaford, Shirley Hayler	1962	James, Richard Cecil (surrendered 1954)	1949
Hansen, Norman Victor	1951	Jeffrey, Deidre	1960
Harper, Brian Youl	1951	Jeffer, Kathleen Ellinor	1948
Harrington, Archie	1951	Jellett, Suzanne	1963
Harrington, Robert Ian	1961	Jenkin, Graham Keith	1963
Harris, Elva Ray	1950	Jenkin, Leonard Bee	1954
Harris, Neville Dean	1962	Jenkin, Robert Haydon (surrendered 1962)	1953
Harris, Yvonne Margaret	1962	Jenkins, Merle Nona	1950
Harrison, June Jacqueline	1956	Jenner, Meryl Joan	1962
Harrison, Mary Elizabeth	1951	Jennings, Raelene Anne	1959
Harriss, Henry Thomas	1956	Johns, Beryl Fay	1952
Hart, Arthur Philip Clarendon	1948	Johns, Roger Kenneth	1961
Hartley, Anne	1959	Johnston, John Arcus	1959
Harvey, Mary Mignon Owen	1955	Jones, Helen Margaret	1953
Haslam, Robert Alexander	1962	Jones, Pamela Sandra	1961
Hastwell, Nita Claire	1948	Joppich, Oscar Edwin	1954
Hatwell, Judith Mary	1962	Joyce, Pamela Beth	1956
Hatwell, Neville	1960	Judd, James (surrendered 1954)	1950
Hawes, Gwynneth June	1952	Jury, Gay	1962
Hay, Nancy Evelyn	1952	Kadow, Constance Evelyn	1960
Hayter, Wendy Mae	1963	Kahlbaum, Maxwell Robert	1960
Heading, Kaye	1963	Kane, Leo William (surrendered 1962)	1958
Healy, Mary Myrtle	1960	Kappler, Stewart Garth	1954
Hecker, Coral Gladys	1950	Karutz, Eileen Dorothy	1963
Hefford, Ronald Keith (surrendered 1956)	1951	Kealley, Frank Shenstone (surrendered 1951)	1948
Heinrich, Carolyn Anne	1960	Keane, Brian Bernard	1962
Heinrich, Harold Gordon (surrendered 1956)	1954	Keane, Kenneth John	1951
Hennessy, Gerald Francis	1963	Kearney, Stanley John	1958
Heritage, Enid Helena (surrendered 1961)	1957	Kelley, William Brian (surrendered 1951)	1949
Heyne, Ernst Bernhard	1960	Kelly, Julie Elizabeth	1962
Hicks, Deidre Marie	1961	Kennett, Keith Franklin	1962
Hicks, Lancelot Fry	1951	Kernich, Norman	1962
Higgs, Margaret Mary	1959	Kesting, Norman Gustav	1951
Hill, Brian Heaton	1954	Kibena, Aimi-Lethe	1958
Hill, Jeanette Anne	1963	Kieselbach, Patricia (surrendered 1961)	1959
Hill, Mary Jean	1958	Kimber, William Harold	1948
Hill, Victor Arthur	1952	Kirke, Joan Mildred	1962
Hillam, Malcolm David	1962	Kissell, Thomas Alfred (surrendered 1954)	1950
Hillier, Alister Westford	1957	Kitto, Keith Olifent	1959
Hilton, Ruth	1958	Klose, Delrene Mary	1963
Hinkly, Kenneth Paul	1960	Klose, Edwin Francis, B.Sc.	1961
Hinxman, Robin	1963	Kohler, Bryce Leonard Percival	1955
Hiskey, Juliana Mary	1963	Kohlhagen, Junette Frieda	1963
Hocking, Edward Bridgman	1951	Kountoupis, Evagelia	1961
Hodge, Brian Jack	1963	Kowald, Pamela Rosalie	1963
Hodgson, Geoffrey Arthur	1959	Kraft, Patricia Mary	1959
Hogarth, Thomas Arthur	1961	Krieg, Terrence Brian	1959
Holle, Mervyn John	1957	Kroehn, Joan Margaret	1951
Holmes, Beryl Jestina	1963	Kubank, Judith Lesley	1961
Holmes, Edwin Thomas	1957	Laidlaw, Valerie	1956
Holmes, Erica Joan	1963	Lamacraft, Kenneth Ronald Ross (surrendered 1954)	1951
Holmes, Patricia Langley (surrendered 1958)	1954	Lamborne, Maxwell Addison (surrendered 1953)	1949
Holthouse, John Lawrence	1962	Langford, Peter Angus	1960
Holyoak, Janet Kay	1959	Langsford, Irene Eltham	1949
Honan, Margaret Colette	1959	Lapthorne, Robert Ingersoll, A.U.A. (Phys. Ed.)	1963
Honey, John Woodville	1961	Laslett, Barbara Rose	1952
Hood, Ralph	1960	Laslett, Rosalie Elisabeth	1963
Hooper, Barbara Nellie	1957	Lawrence, Henry Robert	1963
Hooper, John Robert (surrendered 1959)	1956	Lawson, Joy Rosemary	1956
Hopgood, Donald Jack	1961	Leak, Brian Hedley (surrendered 1954)	1952
Horne, Leonard William, A.U.A. (Phys. Ed.)	1962	LeCornu, Colin George (surrendered 1954)	1951
Horsnell, Keith Constant	1954	Lee, John Malcolm	1959
Horsnell, Maurice Robert Leslie	1963	Leibie, Albert Lawrence	1952
Horwood, John	1959	Leigh, Kathleen Lavinia Anne	1951
Hosking, Horace Geoffrey	1957	Lemke, Mollie Aileen	1956
Hosking, William Rex (surrendered 1958)	1951	Lloyd, Douglas Edwin	1962
Hoskins, Beverley Anne	1963		
Hossack, Lorraine Claire	1963		
Howell, William Ewart	1950		

Lock, Dorothy Marie Jeanne (surrendered 1954)	1950	Morris, Maxwell Arthur	1956
Lodge, John Kenneth Hyde (surrendered 1957)	1953	Morris, Rosemary Dawn	1963
Longbottom, Maxwell Ernest (surrendered 1962)	1953	Morrison, John Colin	1953
Love, Robert Stewart	1948	Moule, Helen Rosemary	1963
Loxton, Valerie Jean	1959	Moyle, William George Chittleborough	1961
Lunnay, Aubrey William	1952	Mudge, Alfred Clarence	1952
Lyall, Margaret Mary	1954	Mortimer, Munro Robertson	1961
McClaren, James Murray	1959	Mugford, Eric Kenwyn	1959
McCracken, Samuel Raymond	1951	Mulraney, Leslie Patrick	1950
McDonald, William George Harlowe	1948	Mundy, Robert Reginald Peter	1951
McDowall, James	1952	Murchland, Mildred Emily	1949
McElroy, Anthony Godfrey	1949	Murchland, William Byrne	1957
McElroy, Barrie Ivon	1960	Murphy, Deirdre Mary	1960
McFarlane, Peter William	1962	Murray, Beryl Margaret	1957
McGarrill, Gordon Winstanley, A.U.A. (Phys.Ed.)	1961	Murray, Heather Jean	1953
McGill, Ian Keith (surrendered 1956)	1955	Murrie, Elizabeth Leroy	1954
McGuire, Anthony (surrendered 1955)	1952	Murrie, John Douglas	1955
McKenzie, Hector Malcolm	1948	Nancarrow, Ethel Rosalie	1961
McKenzie, John Oswald	1962	Nankivell, Isobel Mabel	1958
McKinnon, Bruce John	1959	Nankivell, Wesley Robert	1961
McKinnon, Charles Richard	1951	Natt, Geoffrey	1950
McKinnon, Kenneth Richard	1952	Nelson, Pamela Rosemary	1956
McLay, Andrew Harold (surrendered 1953)	1950	Nenke, Eric Eugene	1958
McLean, Kathleen Alice	1963	Newbold, Beverley Joan	1959
McLean, Ronald Sinclair Allen	1956	Newell, Edward Richard Ireland	1954
McLeod, Fiona Ellen	1961	Nicol, Gary John	1962
McLeod, Murray Robert Love	1949	Nicol, Peter Barry	1961
McMahon, Francis (surrendered 1962)	1960	Nicolai, Judith Elizabeth	1962
McNamara, Robert Patrick	1963	Nimon, Michael Hyman	1961
McNarama, Maureen Rita	1952	Ninnes, Alan Herbert, B.Sc.	1961
McPherson, John Roger	1959	Nitschke, Erna Gertrude	1954
McRostie, Keith Henry	1950	Noblet, Max Hadden (surrendered 1957)	1952
MacGillivray, Leith Grant	1951	Noon, David Lyon (surrendered 1952)	1948
Mader, Conrad Wilfred	1952	Norman, Jacob	1952
Magnay, William Ralph	1952	Norman, Peter John	1963
Magor, William Alwyn Roy (surrendered 1963)	1959	Norris, Beth Christine	1963
Maguire, Catherine Rose	1961	Norton, Mary Alice	1949
Mahar, Alan Dalton	1957	Nottle, Geoffrey Edward (surrendered 1956)	1953
Maloney, Terrence Bernard	1962	Noye, Brian John	1961
Manhood, Cleve Charles (surrendered 1962)	1959	Nunan, Douglas Stephen	1951
Manser, William Lloyd (surrendered 1962)	1959	Obakley, Hannah Rosalie	1954
Mansfield, Richard Charles	1951	Oborn, Herbert Russell	1948
Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954	Obst, Margaret Grace	1960
Maple, Alexander Montrose	1948	O'Callaghan, Basil Charles	1957
Marker, Lois Beatrice	1954	O'Callaghan, Gerald Anthony	1954
Marmach, Tania	1963	O'Connell, Geraldine Mary (surrendered 1962)	1959
Marsh, Douglas Stanton	1959	O'Connor, Thomas James (surrendered 1962)	1960
Marsh, Jessamy Joan	1962	O'Donnell, Noeline Claire	1958
Marsh, William Clarence	1951	O'Neill, Marguerite (surrendered 1949)	1948
Marshall, William Edward	1960	Opie, Roderick Preston (surrendered 1959)	1953
Martin, Barbara Rose	1962	Organ, Alan John	1962
Martin, George Stanley	1960	Ottens, Lois Veronica	1957
Martin, John William	1950	Paasuke, Henno	1958
Martin, Lesley Meredith (surrendered 1961)	1960	Page, Helen Claire	1962
Maskrey, Esther Edith	1963	Page, Ronald Allan	1963
Mason, Neil	1962	Paice, William Osborne (surrendered 1953)	1950
Masters, Bernard Lincoln (surrendered 1959)	1956	Palm, Daphne Alexandra	1960
Masters, John Clive	1949	Palmer, Rachel Dawn	1950
Mathews, Rae Elizabeth	1961	Palmer, Reginald Ernest	1961
Mathews, Graham Ramsay	1960	Papaelia, Emanuel Leo	1962
Mathews, Margaret Joy	1959	Parish, Vanessa Margaret Scott	1961
Maurice, Kay	1959	Parker, Amy Irene	1963
Mausolf, Jack	1954	Parkes, Roy Frederick Walter	1948
Mausolf, Wallace	1951	Parkinson, Peggy	1959
Mawet, Jacqueline	1961	Passell, Judith Christina	1958
Mau, Desmond Peter	1963	Paterson, Robert George (surrendered 1958)	1952
May, John Miners	1962	Patterson, Conrad Brenton (surrendered 1961)	1959
Mayer (nee Hentschke), Margaret Ruth	1954	Patterson, Frank Brenton	1948
Meath, William John	1960	Patterson, Reginald Lindsay	1959
Medlin, Helen Raelene	1961	Pattullo, Elizabeth Mary	1962
Medson, Albert Reginald	1956	Payne, Jean Patricia	1960
Michell, Cynthia Helen	1963	Payne, Jennifer May	1962
Michell, David James, B.D. (London)	1960	Payne, Mary Ethel	1961
Michelmores, Roland Symons	1948	Payne, Rosamund Marie	1957
Mickan, Wendy Lorraine	1961	Paynter, June Anita	1963
Middleton, Gaynor Denise Olive	1959	Peake, Archibald John	1950
Millar, Joan Valerie	1961	Pearce, Alfred Moreton (surrendered 1951)	1949
Milner, Leslie Laurence	1963	Pearce, Brian Godfrey (surrendered 1962)	1961
Milway, Russell Henry Oliver	1949	Pearce, Edwin Lovell	1952
Mincham, Veto Hans	1961	Pearce, Nancy	1952
Minns, William Alfred	1959	Pearce, Trevor Lovell	1961
Mitchell, Nancy Jean	1959	Pearce, William	1952
Moat, Milton Donald	1959	Pearce, William John	1962
Molde, Trevor Alexander	1963	Pederson, Lorraine Mary	1963
Moore, Eric Claude	1953	Pederson, Martin John	1959
		Penna, Murray Arthur	1959
		Pennicott, Ralph William	1948
		Penny, Betty Lorraine Mary	1955
		Penny, Roger Stephen	1961

Peters (nee Rooney), Kathleen	1948	Semler, June Lorraine	1960
Pfitzer, Renate Lottie	1956	Seward, Catherine Anne	1962
Phillips, Ronald Osborn	1950	Sharp, Heather Ellen	1960
Pickering, Barbara Jean	1961	Sharrad, Gilbert Rex	1961
Pickering, Eric	1954	Shekleton, Peter Reginald (surrendered 1957)	1951
Pierson, Robert Arthur (surrendered 1954)	1953	Sheppard, David Roland	1957
Pinder, Claude Jack	1960	Shiell, Trevor John	1963
Pitman, David Arthur Alfred	1962	Shinkfield, Anthony James (surrendered 1955)	1954
Pitman, Hartley Kenneth	1953	Shrowder, Elizabeth Christine	1962
Playfair, Noel Angus	1951	Sim, Jennifer Margaret	1962
Plumridge, Sheila Grace	1962	Simmonds, Allan Frederick	1958
Poke, Alison Rae	1953	Simpson, Brenda Mary	1956
Poland, Y'vonne Carol	1963	Sinclair, Alison Mary	1960
Pole, Audrey Elizabeth (surrendered 1956)	1951	Singh, Ruth Elizabeth	1963
Polglase, David Llewellyn	1959	Siviour, John Vincent	1963
Polkinghorne, Heather Mary	1949	Slaughter, Terence Davoren	1963
Pope, Gwenyth Constance	1963	Smale, Thomas Charles (surrendered 1950)	1949
Porter, Jane Elizabeth	1960	Smith, Alexander Graham	1962
Potter, Rosemary June	1963	Smith, Allen Clyde	1957
Potts, Florence Marlene	1956	Smith, Ashley Mary	1958
Pratt, Aubrey Ronald	1952	Smith, Betty Lorna	1963
Prentice, Josephine Ann	1962	Smith, Charles Bruce Powell	1959
Price, Trafford Conon, B.Sc.	1962	Smith, Constance Ethel	1950
Prima, Inne-Lee	1961	Smith, Cynthia Vivienne	1957
Punke, Gerald Brandon	1962	Smith, Donald Powell	1952
Purves, John Laurie	1962	Smith, Doris Elizabeth	1951
Quigley, Brian Maxwell	1960	Smith, Graham Frank	1961
Quigley, Francis James Leo	1950	Smith, Gweneth Ruth	1956
Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949	Smith, Helen Christine	1963
Rabone, Judith Anne	1962	Smith, Ivan Ford (surrendered 1953)	1949
Raison, Max Victor	1956	Smith, Ivan Percival	1963
Ramsay-Matthews, Jean	1953	Smith, Joan Beverley	1963
Read, Clarence Percy (surrendered 1959)	1949	Smith, John Henry (surrendered 1959)	1950
Redin, Lewis Charles (surrendered 1956)	1951	Smith, Margaret Joan	1954
Redman, Jessie Adelaide	1951	Smith, Maxwell John	1953
Redstone, Frank (surrendered 1957)	1949	Smith, Milton Geoffrey	1963
Reimann, Wilfred Harold	1960	Smith, Reginald John Wayne	1950
Reincke, Kevin	1950	Smith, Richmal	1957
Rendell, Rosemary Anne	1953	Smith, Sylvester	1948
Resek, Marietta	1959	Smythe, Betty Marion Flora	1962
Richards, Martin Clyde	1952	Snigg, Janice Helene	1957
Richardson, Lindley Gay	1962	Spence, Alvina Beverley	1962
Ridgway, Philippa Mary	1959	Spence, Colin Everett (surrendered 1958)	1952
Roberts, Marcia Anne (surrendered 1963)	1960	Stacy, Keith Roy Sheppard	1962
Roberts, Owen David	1949	Stages, Valerie Marie Allan	1956
Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950	Staiff, James Elliot	1963
Robins, Robert William	1962	Standen, Judith Anne	1961
Robinson, Erroll Harry Crosby	1963	Stanley, Marena Jane Harrington	1959
Rogers, Janyce Irene	1963	Stanley, Raymond John	1952
Rogers, Roma Emma	1951	Steinle, John Richard (surrendered 1958)	1952
Rogers, Ruth Nellie (surrendered 1955)	1951	Steinle, Joyce Margaret	1960
Rooocke, Mostyn John	1961	Stephens, Judith Clark	1962
Rosenthal, Murray Cyril	1959	Stenson, Peter John	1956
Rosie, Jessie Pearce	1963	Stevens, Lawrence Stanley	1961
Ross, Lorraine Evelyn	1962	Stewart, Jill Denise	1959
Routley, Peter Herbert	1955	Stewart, Peter McKenzie Gibson	1954
Rowe, Rex Norman	1950	Stocker, Reginald Henry	1953
Rowell, George Douglas Fairbairn	1949	Stokes, Alfred Hamley Herbert	1963
Rowland, Roma Joy	1954	Stone, Grace Elizabeth	1963
Ruciak, Leon	1963	Stone, Ronald Alexander	1958
Rudolph, Gerald Alfred	1951	Stone, Victor Oxford	1953
Rumpff, Sally Anne (surrendered 1962)	1961	Storck, Margaret Joyce	1960
Reudiger, Malcolm Milton (surrendered 1954)	1950	Stratfold, Denis Leon	1961
Russell, Lester David	1960	Stunell, Robert James	1963
Russell, Peter John	1963	Styles, Colin Ross	1958
Ryan, John Leo	1958	Sylow, Barbara Elizabeth Ruth	1960
Sage, Harold Robert (surrendered 1953)	1950	Symonds, Rosalyn Mary	1960
Saint, Bryce Wesley	1960	Tabor, Barbara (surrendered 1962)	1950
Sanderson, Dorothea Leonore	1960	Taplin, Roger Eaton, B.Sc.	1963
Sando, Clarice Melva (surrendered 1955)	1950	Taylor, Beatrice May	1948
Sando, Rosemary Ann	1961	Taylor, Brian John	1963
Saunders, Alan Caley	1954	Taylor, Douglas McLeod (surrendered 1951)	1950
Schafer, Ruth	1960	Theobald, Howard Wesley	1948
Schedlich, Barbara Kaye	1963	Thomas, Elaine Joan	1963
Schiller, Keith Douglas	1960	Thomas, Linley	1952
Schiller, Marcus Benjamin	1959	Thomas, Patricia Fay	1958
Schmetz (nee Harrison), Ruth Olive	1950	Thompson, Ann Margaret	1960
Schuller, Ruth Doreen	1954	Thompson, Eric Albert	1961
Schultz, Roydon Donald, B.Sc.	1959	Thompson, Frank Howard (surrendered 1955)	1951
Schulz, Clifford Rupert	1953	Thompson, Iris Maude	1952
Schumacher, Mavis Noreen (surrendered 1963)	1960	Thompson, Neil	1961
Schuster, Valerie Fay	1960	Thomson, Eunice Ann	1955
Schwarz, Dawn Petrinella	1963	Thomson, June Marie	1956
Scott, Christine Mary Byron-	1960	Thornton, Desmond Michael	1963
Sealey, Jillian Muriel	1961	Tidswell, Helen Joy	1963
Searle, Vera Katherine	1953	Tilbrook, Graham David	1958
		Tilbrook, Jeffrey Ian	1962
		Till, Patricia Dell	1952
		Tindall, Mildred Florence	1950

Torr, Alison Ruth	1950	Wellington, Douglas Erwin	1950
Trainer, Denise Margaret	1957	Wendelborn, Lawrence Cyril (surrendered 1962)	1959
Trapnell, John Courtenay	1952	Were, Keith Francis	1958
Travers, Thomas Edward	1948	West, George Graham	1948
Treagus, Edward Mervyn, A.U.A. (Phys. Ed.)	1962	Wheatland, William Stanley	1960
Trebilcock, David	1953	White, Emily Alice	1953
Trebilcock, Donald Ray	1960	Whitmore, Joan	1959
Tregilas, Francis Everleigh	1952	Wiese, Ivo Ray	1951
Trowse, Helen Hayward	1954	Wieser, Othmar Heinrich Jakob (surrendered 1962)	1959
Trudinger, June Stirling	1949	Wiesner, Beverly Ann	1959
Trueman, John Clayton	1962	Wiley, John Arthur	1961
Tscharke, Margaret Helen	1962	Wiley, Mary Ruth	1959
Tuck, Robert Clyde	1958	Wilkinson, Stewart Rex (surrendered 1950)	1948
Tucker, Robert (surrendered 1961)	1960	Wilksch, Lois Ruth	1958
Tucker, Walter	1960	Williams, Rosemary Claire	1961
Tulloch, David Gerald	1952	Williams, Ruth Jacqueline	1949
Turner, William Howard Batley	1955	Williams, William Allan	1961
Twartz, Clement Wilford	1948	Williamson, Beth England	1949
Tyrrell, Barbara Joan	1959	Williamson, Catherine Patricia, A.U.A. (Phys. Ed. (surrendered 1963))	1962
Underdown, Reginald Edward, M.Sc.	1959	Wilsdon, Sallie	1959
Van Velsen, Carolyn Marie, A.U.A. (Phys. Ed.)	1962	Wilson, Francis Patrick	1948
Vaughan, Matthew Ferdinand	1950	Wilson, Gwendolyn Moore	1950
Vautier-Moll, Helen	1962	Wilson, Marlene Janice	1959
Vogelsang, Artnur Ernst	1950	Winter, Maxwell Hugh	1957
Wachtel, Heinrich Lenhart	1948	Wissell, Robert Allan	1961
Walding, Kay Rossllyn	1963	Wohlfarth, Joanna Emily Therese	1958
Walker, Alan Philip (surrendered 1961)	1958	Woithe, Francis Arnold	1951
Walker, Marjorie Jean	1948	Wollaston, Pamela Jill	1956
Wallace, Francis Joseph	1948	Wood, Eric William Hadley	1951
Wallbridge, Beryl Elsa	1958	Woodards, Eva Norma Cherrington	1949
Wallbridge, Leslie Walter	1956	Woods, Donald Peter	1951
Walters, Graham Edward	1962	Woods, Rosamond Erica	1957
Walton, Sydney Malcolm	1961	Wright, David Andrew	1962
Ward, Brian John	1958	Wright, Florence Maude	1953
Ward, June	1963	Wright, Robert Keith McGregor	1961
Wardle, Allen	1952	Wurst, Marlene Betty	1961
Warland, Avis Mary	1959	Wyatt, Patricia Anne	1961
Watkins, Pamela Kathleen	1960	Wynne, William Robins	1962
Watson, Darrelle Ina	1961	Young, Donald Lindsay	1952
Watson, Ian Morse	1960	Young, Joan Margaret	1952
Waye, Dorene Anne	1959	Young, Timothy Gerald	1963
Waye, Dorene Anne	1960	Zimmermann, Diana Wendy	1956
Webbe, Robin Phillip Pascoe	1953	Zoerner, Robert John	1951
Webber, Ian James	1952	Zweck, Eleanor Margaret	1961
Webber, Muriel Esme Jill (surrendered 1957)	1952		
Webster, Judith Marion	1963		
Wedding, Gordon Mervyn	1954		
Wegener, Charles William	1962		
Wegener, Malcolm Eric	1963		
Welke, Margaret Rose	1956		

INDEX

A

Absence, Leave of	116
Academic Dress, Statute	140
Acts of Parliament Relating to University	11
Adam, D. B., Memorial Prize	249
Adelaide Chamber of Commerce Prize, The	277
Adelaide Children's Hospital—	
Staff of Clinical Teachers	91
Rules for the Admission of Medical Students	550
Adelaide Hospital (see under Royal Adelaide Hospital)	
<i>Ad eundem</i> , Admission	131
Admission to Degrees	131
Adult Education, Board of, Director and Staff, Classes	57, 61, 233
Advisory Committee to University and Royal Adelaide Hospital	33
Aeronautical Engineering, Sydney Course in	528
Aeronautics, A. M. Simpson Library in	165
Affiliation—	
To Universities of Cambridge and Oxford	228
Of Aquinas College	178, 226
Of Lincoln College	189, 227
Of Roseworthy Agricultural College	152
Of St. Ann's College	174, 225
Of St. Mark's College	168, 225
Of S.A. Institute of Technology	172
Agricultural Science—	
Bachelor and Master of	521, 597
Faculty of	49, 128
Graduates and Undergraduates' Association	323
Matriculation for	117
Staff	72
Syllabus	858
Agricultural Chemistry—	
Staff	72
Agricultural Engineering, Melbourne Course in	528
Agriculture—	
Staff	72
Syllabus	858
Albright and Wilson Prize in Chemical Engineering Design	259
Alderman, Eugene, Scholarships	163, 209
Almanac for 1964 and 1965 (January-March)	35
Alumni, Commemoration of	224
Anatomy and Histology, Elder Professor of	77, 114
Anders and Reimers Scholarships	182, 211
Angas Engineering Scholarship and Exhibitions	133-136, 252
Angas, Hon. J. H., Endowments	105
Anglican Society, Adelaide University	318
Animal Physiology, Professor of	74, 115
Animal Products Research Foundation	56, 105, 166
Anthropological Board and Society	56, 63, 324
Anti-Cancer Foundation, Executive Committee, Officers, Donations, Activities	57, 87, 107, 110, 222
Applied Physics, S.A.I.T. School of	85
Applied Science—	
Bachelor and Master of	576, 601
Holders of Diplomas in	1172
Matriculation for	117
Syllabus	953, 995

INDEX

Page

Appointments Board—	
Statute - - - - -	168
Members - - - - -	57
Aquinas College - - - - -	- 47, 110, 178, 226
Aquinas Society, Adelaide University - - - - -	318
Architecture—	
Bachelor and Master of - - - - -	564, 608
Donations towards establishment of School of - - - - -	110
Matriculation for - - - - -	117
Society, Adelaide University - - - - -	323
Staff - - - - -	84
Syllabus - - - - -	936
Town Planning, Master of, Regulations, Syllabus - - - - -	610, 946
Architecture and Town Planning—	
Faculty of - - - - -	- 52, 130
Arts—	
Associate in Arts and Education - - - - -	631, 1183
Bachelor and Master of - - - - -	501, 588
Combined Courts in Arts and Laws - - - - -	502, 508
Faculty of - - - - -	48, 63, 125
Matriculation for - - - - -	117
Staff - - - - -	63
Syllabus of Subjects - - - - -	753
Arts Association - - - - -	321
Assistant Registrar (Academic) - - - - -	59
Assistant Registrar (Finance) - - - - -	59
Association of Universities of the British Commonwealth - - - - -	230
Auditors - - - - -	61
Australian College of General Practitioners Prize, The - - - - -	269
Australian Commonwealth Engineering Standards Association, University Representatives on - - - - -	104
Australian Dental Association (S.A. Branch) Prize - - - - -	276
Australian Institute of Agricultural Science Prize - - - - -	250
Australian Journal of Experimental Biology and Medical Science, Editors and Particulars - - - - -	- 57, 326
Australian Linguistics, Reader in - - - - -	63
Australian Society of Accountants—	
Annual Lecture - - - - -	231
Exemption from Institute's Examinations - - - - -	230
Prizes - - - - -	279
Australian Student Christian Movement, University of Adelaide - - - - -	318
Australian Welding Institute Prize, The - - - - -	253
Ayers, Ernest, Scholarship - - - - -	165, 245

B

Bacteriology (See under Microbiology)	
Bagot, John, Scholarship and Medal - - - - -	156, 245
Bagot, Lucy Josephine, Prize - - - - -	179, 210
Baillieu Research Scholarships - - - - -	292
Baker, R. C., Endowment and Scholarship - - - - -	107, 188
Barker, John, Endowment and Scholarship - - - - -	107, 273
Barr Smith—	
Endowments and Gifts - - - - -	105-109
Library—Staff, Statute, Rules - - - - -	- 60, 167, 661
Memorial Fund for Cancer Research - - - - -	193
Prize for Greek - - - - -	235
Travelling Scholarship in Agriculture - - - - -	190, 250
Barrans Scholarship - - - - -	106, 177, 248
Bateman, Mrs. L. E.—Bequest - - - - -	106
Bedford Park, Staff of University at - - - - -	62
Benefactors and Benefactions - - - - -	105-109
Benham, F. Lucas—Bequest - - - - -	106

INDEX

	Page
Bennett, R. W.—Prizes and Medal - - - - -	174, 261
Bequests - - - - -	105-107
Bevan, Frederick, Scholarship - - - - -	189, 214
Biochemistry—	
Staff - - - - -	70
Syllabus - - - - -	849
Birks, Napier, Room—	
Rules of - - - - -	667
Boarding-houses - - - - -	17
Boards—	
Adult Education - - - - -	57, 61, 233
Anthropological Research - - - - -	56
Appointments—Members and Statute - - - - -	57, 168
Discipline—Members and Statute - - - - -	55, 132
Examiners—Statute - - - - -	131
Pharmacy—Members and Statute - - - - -	53, 150
Physical Education—Members and Statute - - - - -	53, 150
Physiotherapy—Members and Statute - - - - -	54, 150
Research Studies - - - - -	54
Social Studies—Members and Statute - - - - -	54, 150
Bonython, Sir Langdon, Endowments - - - - -	106
Bonython, Miss Edith, Endowment - - - - -	106
Bonython Family, Gift of Electronic Organ - - - - -	108
Bonython Prize, Statute and Awards - - - - -	169, 261
Booth, Anna Florence, Prize - - - - -	175, 244
Borthwick, Thomas L., Memorial Prize - - - - -	266
Botany—	
Staff - - - - -	69
Syllabus - - - - -	844
B.M.A. (Section of Clinical Medicine) Prize - - - - -	267
Braund, Olive E., Gift - - - - -	107
British Passenger Lines—Free Passage Scheme - - - - -	311
British Psychological Society Prize - - - - -	243
Bunday Prize for English Verse - - - - -	157, 237
Bursaries, Education Department - - - - -	300
Business Administration, Summer School of - - - - -	234
Business Management, Master of - - - - -	593
Byard Prize - - - - -	236
By-Laws Act - - - - -	28

C

Cable Makers' Association Prize - - - - -	255
Cairns, Sir Hugh, Memorial Prize - - - - -	263
Cambridge University, Affiliation to - - - - -	228
Campbell, Christopher and John, Prize - - - - -	264
Cancer Foundation, Officers, Donations, Activities - - - - -	57, 87, 107, 110, 222
Carnegie Corporation—Gifts - - - - -	109
Chairman of Council and of Senate - - - - -	15, 194
Chamber of Manufactures Prize in Electronic Control - - - - -	256
Chancellor—	
Act and Statute - - - - -	14, 113
Present and Past - - - - -	46, 88
Chapman, Sir Robert, Prize - - - - -	174, 252
Chapman Memorial Scholarship - - - - -	289
Chemical Engineering—	
Staff - - - - -	75
Syllabus - - - - -	868
Chemical Technology and Metallurgy, S.A.I.T., School of - - - - -	85
Chemistry—	
Recognition by Royal Institute of - - - - -	229
Staff - - - - -	68
Syllabus - - - - -	837

INDEX

Page

Child Health—		
Staff		80
Children's Hospital (see under Adelaide Children's Hospital).		
Civil Engineering—		
Courses in		525, 529
Staff		75
Syllabus		870
Clark, Alexander, Memorial Prize		159, 209
Clark, E. V., Prize		254
Clark, The John Howard, Prize		136, 236
Classics—		
Staff		63
Syllabus		753
Classical Association of South Australia, The		324
Cleland, J. B., Prize		266
Clerk of Senate		-47, 194
Colonial Office Applications, Board and Appointments		-57, 310
Commerce—		
Diploma in, Holders of		1167
Joseph Fisher Medal and Lecture in		-105, 151, 230, 279
Staff		66
Syllabus		824
Commercial Certificate, Holders of Advanced		1166
Commercial Travellers' Association Scholarship and Bursary—		
The Eric Smith Scholarship		138, 295
The Archibald Mackie Bursary		139, 279
Commonwealth Post-graduate Awards		305
Commonwealth Scholarships		298
Computing Centre, Staff		61
Concessions in Fees—Commonwealth and State Public Services		310, 311
Conduct at Examinations—		
Statute		139
Rules		668
Conservatorium of Music, The Elder—		
Fees		206
Fellowship of		633
Library		664
Regulations and Rules		204, 206
Scholarships and Prizes		207
Staff of		82
Cooke, Florence, Violin Prize		212
Cornish, Elsie Marion, Prize		246
Council—		
Statute		113
Election of Members by Senate		-13, 195
Members of		12, 13, 46
Members of, Appointment by Parliament		12, 13, 46
Vacancies in		13
Crampton, Hope, Prize for French		238
Creswell Scholarships		105, 158, 278
Culross, William, Prize		307
	D	
Darling, John, Gifts by Family of		105, 106
Davies, E. Harold, Scholarship for Organ		186, 212
Davies, Natalia, Prize		242
Davies-Thomas, Scholarships		143, 265
Davy, Dr. Ruby, Prize		107, 213
Degrees—		
Statute		131
Letters Patent		9
Acts		11
de Crespigny, Sir Trent Champion, Memorial Prize		268
Delta Sigma Delta Prize		275
de Mole, Violet, Memorial Fund and Prize		239

INDEX

Page

Dental Board of South Australia Prize and Scholarship -	-	-	-	275
Dental Science and Dental Surgery—				
Degrees, Regulations	-	-	-	556, 606, 625
Faculty of Dentistry	-	-	-	-51, 128
Matriculation for	-	-	-	117
Staff	-	-	-	80
Students' Society	-	-	-	321
Syllabus	-	-	-	909
Deputy Chancellor, Statute of	-	-	-	113
Deputy Vice-Chancellor	-	-	-	46
Development Committee	-	-	-	55
Diploma—				
In Arts and Education, Holders and Regulations	-	-	-	1183, 631
In Applied Science, Holders	-	-	-	1172
In Commerce, Holders	-	-	-	1167
In Economics and Political Science, Holders	-	-	-	1176
In Education, Holders, Regulations and Syllabus	-	-	-	1172, 627, 795, 800
In Forestry, Holders	-	-	-	1172
In Music, Holders, Regulations and Syllabus	-	-	-	1165, 633, 634, 926
In Pharmacy, Holders, Regulations and Syllabus	-	-	-	1176, 640, 916
In Physical Education, Holders, Regulations and Syllabus	-	-	-	1175, 642, 811
In Physiotherapy, Holders, Regulations and Syllabus	-	-	-	1181, 647, 920
In Public Administration, Holders and Regulations	-	-	-	1171, 638
In Social Science, Holders	-	-	-	1180
In Social Studies, Holders, Regulations and Syllabus	-	-	-	1181, 644, 808
Diplomas and their Boards of Studies, Statute	-	-	-	150
Discipline, Board of, and Statute	-	-	-	-55, 182
Donnithorne, William, Awards	-	-	-	107, 290
Dress, Statute of Academic	-	-	-	140
Dublin University, Recognition by	-	-	-	229

E

Economic Geology—Professor of	-	-	-	-69, 114
Economic Society of Australia and New Zealand	-	-	-	325
Economic Society Prizes	-	-	-	278
Economics—				
Degrees, Regulations	-	-	-	510, 592, 1160
Faculty of	-	-	-	-52, 129
Matriculation for	-	-	-	117
Staff	-	-	-	66
Syllabus	-	-	-	814
Economics and Political Science, Holders of Diploma	-	-	-	1176
Education—				
Associate in Arts and Education, Holders and Regulations	-	-	-	1164, 631
Committee, Members of	-	-	-	48
Diplomas in—Holders, Regulations, Syllabus	-	-	-	1172, 627, 795, 800
Master of—Regulations, Syllabus	-	-	-	590, 802
Of Children of Deceased Soldiers	-	-	-	104, 312
Staff	-	-	-	66
Elder Conservatorium of Music—See "Conservatorium"				
Elder Conservatorium Free Scholarship	-	-	-	208
Elder Overseas Scholarship	-	-	-	216
Elder Prize	-	-	-	264
Elder Scholarship and Awards—Conservatorium of Music	-	-	-	207
Elder, Sir Thomas, Endowments	-	-	-	105
Election of—				
Members on Advisory Committee of Council and Hospital Board	-	-	-	33
Members of Council	-	-	-	13
Warden and Clerk of Senate	-	-	-	194
Electricity Trust Prize in Electrical Power Engineering	-	-	-	255
Electricity Trust of South Australia Prize	-	-	-	255

INDEX

Page

Electrical Engineering—		
Courses in - - - - -		525, 531
Staff - - - - -		75
Syllabus - - - - -		875
Endowments—		
List of - - - - -		105-107
By Act of Parliament - - - - -		17
Engineering—		
Angas Scholarship and Exhibitions - - - - -	- 133-136,	252
Bachelor and Master of - - - - -		525, 599
Details of Subjects - - - - -		528, 868
Faculty of - - - - -		- 50, 127
Matriculation for - - - - -		117
S.A.I.T., School of - - - - -		84
Society, Adelaide University - - - - -		323
Staff - - - - -		75
English—		
Staff - - - - -		63
Syllabus - - - - -		757
Enrolment of Students, Statute - - - - -		149
Entomology—		
Staff - - - - -		73
Syllabus - - - - -		863
Equipment Committee - - - - -		55
Evangelical Union, Adelaide University - - - - -		319
Evening Lectures and Studentships - - - - -	234, 304,	1000
Everard Scholarship - - - - -	105, 138,	267
Examination Regulations—		
Conduct at Examinations - - - - -		139, 668
Dates of Entry - - - - -		35-45
See also under each degree and diploma.		
Examiners, Board of - - - - -		131
Exclusion of Students - - - - -		147
Exemption from Attendance at Lectures—See under each degree and diploma.		
Exhibition of 1851—Scholarships and Bursaries - - - - -		307
Experimental Medicine, Keith Sheridan Professor of - - - - -		- 90, 114

F

Faculties—		
Members of - - - - -		48-53
Statute of - - - - -		125
Faulding Scholarships, for Medicine and Dentistry - - - - -		272, 276
Fauna and Flora Board, Representatives on - - - - -		104
Fees—		
Authority to Charge - - - - -		15
Concessions to Officers of Public Services - - - - -		311
Table of - - - - -		649
Fenner, Charles, Prize - - - - -		244
Final Certificate in Law, Holders and Regulations of - - - - -	1164,	536
Finance Committee, Members of - - - - -		48
Fisher, Joseph, Medal and Lecture, The—		
Endowment - - - - -		105
Statute - - - - -		151
List of Lectures, 1929 -1962 - - - - -		230
Awards of Medal - - - - -		279
Fisk Prize in Electrical Engineering - - - - -		257
Fletcher, Roby, Prize - - - - -	142,	243
Forestry—		
Degree of B.Sc. in - - - - -		518
Diploma in, Holders - - - - -		1172

INDEX

	Page
Former Chancellors and Other Officers - - - - -	88-91
Forwood Down Prize in Mechanical Engineering, The - - - - -	258
Free Passages - - - - -	311
Free Places for Diploma in Physical Education - - - - -	643
French—	
Staff - - - - -	63
Syllabus - - - - -	764
G	
Gardner, William, Scholarship and Prize - - - - -	106, 175, 269
Gartrell, James, Prize - - - - -	235
Gas Company Prize in Architecture - - - - -	282
Genetics—	
Staff - - - - -	71
Syllabus - - - - -	851
General Motors-Holden's—Post-graduate Research Fellowship	292
General Practice Study Group Prize (Dental) - - - - -	276
Geography—	
Staff - - - - -	65
Syllabus - - - - -	788
Geology—	
Staff - - - - -	69
Syllabus - - - - -	842
George, M. Rees, Prize in French - - - - -	237
Gepp, Thomas, Prize - - - - -	263
Gerard Prize - - - - -	254
German—	
Staff - - - - -	64
Syllabus - - - - -	769
Gifts - - - - -	108-110
Goodman, Sir William, Scholarship - - - - -	107, 257
Gosse, The Dr. Charles, Lecturer and Medal - - - - -	-78, 105, 163, 267
Government Bursaries - - - - -	300
Government Evening Studentships - - - - -	304
Governor (State), Powers of - - - - -	17
Gowrie Scholarship Trust Fund - - - - -	307
Graduates' Union - - - - -	314
Graduates—	
List of - - - - -	1101
In Honours Courses - - - - -	1159
Grainger, Rose, Orchestral Fund - - - - -	1159, 106
Grant, Annual, by H.M. Government Act - - - - -	17, 22-25
H	
Hannon, T. D., Prize - - - - -	275
Hardie, The James Prize, in Architecture - - - - -	281
Hardie, The James Prize, in Civil Engineering - - - - -	253
Hardwicke College Prize. (For rules, see Public Examinations Manual.)	
Hartley Studentship - - - - -	143, 298
Hastings Endowment - - - - -	107
Health Service - - - - -	61
Heuzenroeder, Mrs. H. L., Donation - - - - -	107
Hill, Alfred, Gift - - - - -	108
History—	
Staff - - - - -	64
Syllabus - - - - -	774
History and Political Science—	
Staff - - - - -	64
Syllabus - - - - -	779
Hoffman, La Roche Prizes (see Roche Products Ltd.)	
Hone, Dr. F. S., Memorial Prize - - - - -	268
Hospitals—See separate entry for each one.	
Hübbe, Edith, and Harriet Cook, Prize - - - - -	237

INDEX

	Page
Hughes, Hugh, Endowment - - - - -	106
Hughes, Sir W. W., Endowment - - - - -	105
Human Physiology and Pharmacology, Professor of - - - - -	- 71, 114
Humes Prize in Civil Engineering, The - - - - -	253
I	
I.C.I.A.N.Z. Research Fellow and Fellowship - - - - -	284
Incompetent Students, Statute - - - - -	147
Incorporation, Act of - - - - -	12
Infectious Diseases, Statute - - - - -	155
Institute of Architects Prizes - - - - -	282
Institute of Chartered Accountants—	
Prize - - - - -	280
Recognition - - - - -	230
Institute of Medical and Veterinary Science—Rules for Students - - - - -	551
Institute of Technology, Affiliation to University - - - - -	172
International Association of Universities - - - - -	230
J	
Jackson, Elizabeth, Library - - - - -	167
Jefferis Memorial Medal—Rules and Awards - - - - -	243
Jenkins, J. E., Endowment and Statute - - - - -	107, 183
Johns, Fred, Scholarship for Biography - - - - -	106, 171, 242
Johnson, R. L., Endowment - - - - -	106
Johnson and Johnson Prize - - - - -	270
Joint Colleges Appeal - - - - -	110
Jury, Mrs. G. A., Endowment - - - - -	106
K	
Kloeden-McCormick-Goodhart Scholarship - - - - -	220
L	
Laboratories, Rules of - - - - -	665
Laboratory Testing - - - - -	666
Laffer, Miss A. I., Endowment - - - - -	242
Land Act, 1929 - - - - -	25
Lands of University - - - - -	19
Late Entries, Enrolments and Examinations - - - - -	117, 146
Law—	
Faculty of - - - - -	- 50, 126
Final Certificate, Holders and Regulations of - - - - -	1164, 536
Matriculation for - - - - -	117
Staff - - - - -	76
Students' Society - - - - -	322
Laws—	
Bachelor, Master and Doctor of - - - - -	536, 603, 622
Combined Course in Arts and Laws - - - - -	502, 508
Rules of Supreme Court - - - - -	540
Syllabus - - - - -	902
Leave of Absence, Statute - - - - -	116
Leaving and Honours Bursaries—Regulations - - - - -	300
Lecturers—	
<i>Honoris causa</i> - - - - -	91
Staff and Statute - - - - -	- 63, 114
Letters, Doctor of, Regulations - - - - -	620
Letters Patent - - - - -	9
Lewis, John, Prize - - - - -	244
Library—	
Committee - - - - -	55
Staff - - - - -	60, 62
Gifts to - - - - -	105, 106, 108, 109
Rules - - - - -	661
Music - - - - -	664
A. M. Simpson, in Aeronautics - - - - -	165
Barr Smith, Statute - - - - -	167
Jackson, Elizabeth - - - - -	167

INDEX

	Page
Licentiate in Music, Teachers and Executants	328
Lienau Scholarship	218
Lincoln College	47, 104, 110, 189, 227
Lines, Eva, Scholarship (or Prize)	332
Linguistic Society, Adelaide University	324
Lister Prize	160, 267
Loan Fund, Students	312
Lokan Prize, Rules and Awards	254
Lowrie Scholarships	155, 247
Lutheran Student Fellowship	319
Lykke, Athol, Memorial, Endowment	107
Post-graduate Award	217
M	
Mackie, Archibald, Bursary	139, 279
Magarey, Guli, Fund and Scholarship	107, 213
Mareeba Babies' Hospital—Staff and Rules for Students	553
Marks, George Richard, Bequest	106
Martin, The Annie Montgomerie, Prize and Medal (see P.E.B. Manual).	
Master, Degree of, Notes and Instructions to Candidates	585
Materials Science, Professor of	115
Mathematical Physics—	
Staff	68
Mathematics—	
Staff	67
Syllabus	829
Matriculation—Board and Statute	54, 117
Mawson Institute of Antarctic Research	222
McMeikan, Mrs. E., Endowment	106
Mechanical Engineering—	
Courses in	525, 532, 599
Staff	75
Syllabus	881
Medals—	
Bagot	156, 245
Bennett	174, 261
Fisher	105, 151, 279
Gosse	105, 163, 267
Jefferis	243
Jewell-Thomas	259
Lister	160, 267
Martin, Annie Montgomerie (see P.E.B. Manual).	
Royal Institute of Public Administration	280
Shorney	106, 177, 269
Stow	137, 261
Tate	247
Tennyson (see P.E.B. Manual).	
Medical—	
Board of South Australia, University Representative on	104
Curriculum Committee	55
Research, Executive Committee	54
Research Grants Committee	273
Science, Honours Degree of Bachelor of	554
Sciences Club	325
Students' Society, Adelaide University	322
Medicine—	
Bachelor of	545
Doctor of	623
Faculty of	50, 126
Matriculation for	117
Post-graduate Committee in	56
Staff	77
Syllabus	893

INDEX

	Page
Melrose, John, Endowment - - - - -	106
Mental Health—	
Staff - - - - -	80
Metallurgy, Course in - - - - -	525, 533, 578
Mitchell, Gwendoline, Foundation - - - - -	-78, 107
Microbiology—	
Donations towards establishment of Chair of - - - - -	110
Staff - - - - -	71
Syllabus - - - - -	853
Mills, E., Bequest - - - - -	107
Milne, Kenneth and Hazel, Travelling Scholarship - - - - -	192, 281
Mining and Metallurgical Bursaries - - - - -	309
Mining Engineering, Course in - - - - -	525, 532, 534, 535
Miscellaneous—Statute - - - - -	145
Mitchell, Sir Mark, Endowment and Donations - - - - -	108
Mitchell, Sir William, Endowments - - - - -	106
Mortlock Benefactions—	
Mrs. R. F. Mortlock - - - - -	106
J. T. Mortlock - - - - -	106, 107, 108
Mrs. J. T. Mortlock - - - - -	108
Mortlock Chair of Medicine - - - - -	77
Murray, The Hon. Sir George, Gifts and Endowment - - - - -	105, 106, 108, 109
Murray, Miss M. T., Bequest - - - - -	106
Murray Scholarships, David - - - - -	105, 154, 293
Murray, George, Scholarships (Overseas) - - - - -	285
Murray, George, Travel Grants - - - - -	288
Music—	
Bachelor and Doctor of - - - - -	560, 626
Diploma of Associate, Holders and Regulations - - - - -	1165, 634
Elder Conservatorium of, Staff - - - - -	82
Faculty of - - - - -	-52, 127
Fellowship of the Elder Conservatorium of - - - - -	633
Public Examinations in - - - - -	327
Public Examinations, Scholarships and Prizes - - - - -	328
Society - - - - -	327
Staff - - - - -	82
Syllabus - - - - -	926
Myers, Sewell, Bequest - - - - -	107

N

National Films Board, University Representatives on - - - - -	104
National Heart Foundation Scholarships - - - - -	272
Neale Bequest - - - - -	106
Night Lectures - - - - -	234, 1000
Northfield Wards—Staff and Rules for Students - - - - -	-96, 553
Non-Matriculated Students - - - - -	144
Notes to Candidates for the Degree of Doctor of Philosophy - - - - -	613
Notes to Candidates for the Degree of Master - - - - -	585

O

Obstetrics and Gynaecology—	
Staff - - - - -	79
Syllabus - - - - -	901
Officers of the University - - - - -	59-87
Orchestral Scholarships - - - - -	215
Organic Chemistry—	
Staff - - - - -	68
Other Universities, Scholarships - - - - -	309
Overseas Scholarship in Arts and Economics - - - - -	245
Oxford University, Affiliation to - - - - -	228

INDEX

Page

P

Parking of Motor Vehicles - - - - -	28, 29, 31, 32
Parkside Mental Hospital, Staff - - - - -	102
Parliament—	
Acts Relating to University - - - - -	11
Statutes, etc., to be laid before - - - - -	16, 19
Members on Council - - - - -	12, 13, 46
Parsons, Angas, Prize - - - - -	179, 261
Pathology—	
Staff - - - - -	77
Syllabus - - - - -	896, 898
Petroleum Refineries Prize in Chemical Engineering - - - - -	260
Pfizer Prize in Gynaecology - - - - -	270
Pfizer Prize in Microbiology - - - - -	250
Pharmaceutical Students' Association - - - - -	323
Pharmacy—	
Bachelor of - - - - -	582, 996
Board of Studies in - - - - -	53, 150
Diploma in - - - - -	640, 916
Holders of Diploma in - - - - -	1176
Regulations - - - - -	582, 640
Staff - - - - -	86
Syllabus - - - - -	916, 996
Philips Electrical Industries—	
Prize in Electronics - - - - -	257
Prize in Elements of Electronics - - - - -	256
Prizes in Physics - - - - -	250
Philosophy—	
Degree of Doctor of - - - - -	613, 616
Staff - - - - -	65
Syllabus - - - - -	784
Physical and Inorganic Chemistry—	
Staff - - - - -	68
Physical Education—	
Board of Studies in - - - - -	53, 150
Department of - - - - -	86
Holders of Diploma in - - - - -	1175
Regulations of Diploma in - - - - -	642
Syllabus - - - - -	811
Physics—	
Staff - - - - -	67
Syllabus - - - - -	835
Physiology (Human) and Pharmacology—	
Staff - - - - -	71
Syllabuses - - - - -	857, 896, 897
Physiotherapy—	
Board of Studies in - - - - -	54, 150
Holders of Diploma in - - - - -	1181
Regulations of Diploma in - - - - -	647
Staff - - - - -	86
Syllabus - - - - -	920
Pine Kloof Bequest - - - - -	107
Plant Pathology—	
Staff - - - - -	73
Syllabus - - - - -	865
Plant Physiology—	
Staff - - - - -	74
Syllabus - - - - -	867
Politics, Syllabus - - - - -	779
Post-graduate Committee in Medicine - - - - -	56
Post-graduate Medical Foundation - - - - -	58

INDEX

	Page
Price, Archibald Grenfell, Prize - - - - -	244
Prizes—See under Scholarships.	
Professors—	
Statute - - - - -	114
Former - - - - -	89
Psychology—	
Staff - - - - -	65
Syllabuses - - - - -	785, 854
Public Administration, Diploma in—	
Holders - - - - -	1171
Regulations - - - - -	638
Public Examinations—	
Board—See Public Examinations Manual.	
Music - - - - -	327
Public Lectures Committee - - - - -	55
Public Services, Concessions to Officers of - - - - -	311
Puddy, Edith A., Prize - - - - -	238
Puddy, Maude, Scholarship - - - - -	216

Q

Queen Elizabeth Hospital—Staff, Advisory Board Representatives - - - - -	- 96, 104
Queen Victoria Maternity Hospital—Staff and Rules for Students - - - - -	101, 553
Queen Victoria Maternity Hospital, Advisory Board Representatives - - - - -	104
Quorum of Council and of Senate - - - - -	- 15, 195

R

Raven, Mrs. J. F., Endowment - - - - -	107
Recognition by other Universities and Institutions - - - - -	229
Registrar—	
Present - - - - -	59
Former - - - - -	91
Statute - - - - -	116
Registrar's Department, Staff of - - - - -	59
Regulations for all Degrees and Diplomas - - - - -	499
Reid, Kate Gilmore, Prize in Physiotherapy - - - - -	283
Reid, S. McGregor, Endowments - - - - -	107
Religion, Ministers of, on Council - - - - -	12
Religious Test—None - - - - -	17
Rennie Memorial Scholarship - - - - -	170, 246
Representatives on Various Boards - - - - -	104
Research, Executive Committee - - - - -	54
Research Grant, University - - - - -	312
Research Studies, Board of - - - - -	54
Residence of Undergraduates - - - - -	16
Residential Colleges - - - - -	- 47, 225
Rhodes Scholarship - - - - -	306
Robin Memorial Lecture - - - - -	232
Roche Products Ltd. Prize - - - - -	271
Roseworthy Agricultural College, Affiliation - - - - -	152
Royal Adelaide Hospital—	
To be Medical and Dental School - - - - -	33
Staff of Clinical Teachers - - - - -	91
University Representatives on Advisory Committees - - - - -	- 33, 104
Rules for Admission of Dental Students to Practice of - - - - -	559
Rules for Admission of Medical Students to Practice of - - - - -	550
Royal Australian Institute of Architects Prizes - - - - -	282
Royal Institute of Chemistry, Recognition by - - - - -	229
Royal Institute of Public Administration Medal and Prize - - - - -	280
Rules for the Conduct of Examinations - - - - -	668
Rules of Library and of Laboratories - - - - -	661, 665
Russell, Selbourne Moutray, Scholarship - - - - -	107, 179, 210

INDEX

Page

S

St Alban Scholarship - - - - -	295
St. Ann's College - - - - - 47, 104, 110, 174,	225
St. Mark's College - - - - - 47, 104, 110, 168,	225
Saving Clause and Repeal - - - - -	142
Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals—	
Adam, D. B., Memorial Prize - - - - -	249
Adelaide Chamber of Commerce - - - - -	277
Albright and Wilson, Prize in Chemical Engineering Design -	259
Alderman, Eugene - - - - -	163, 209
Anders and Reimers Scholarships - - - - -	182, 211
Angas Engineering Scholarship - - - - -	133, 252
Angas Engineering Exhibitions - - - - -	135, 252
Australian College of General Practitioners Prize, The - - -	269
Australian Dental Association (S.A. Branch) - - - - -	276
Australian Institute of Agricultural Science - - - - -	250
Australian Society of Accountants - - - - -	279
Australian Welding Institute Prize, The - - - - -	253
Ayers, Ernest, in Botany or Forestry - - - - -	165, 245
Bagot, John - - - - -	156, 245
Bagot, Lucy Josephine - - - - -	179, 210
Baillieu Research Scholarships - - - - -	292
Baker Scholarship in Law - - - - -	107, 188
Barker, John - - - - -	107, 273
Barrans, James - - - - -	106, 177, 248
Barr Smith, Lady, Foundation for Cancer Research - - - - -	193
Barr Smith, For Greek - - - - -	235
Barr Smith Travelling Scholarship - - - - -	190, 251
Bennett, R. W., Prizes and Medal - - - - -	174, 261
Bevan, Frederick - - - - -	189, 214
Bonython - - - - -	169, 261
Booth, Anna Florence - - - - -	175, 244
Borthwick, Thomas L. - - - - -	266
B.M.A. (Section of Clinical Medicine) - - - - -	267
British Psychological Society Prize - - - - -	243
Bundey, for English Verse - - - - -	157, 237
Byard - - - - -	236
Cable Makers' Association - - - - -	255
Cairns, Sir Hugh, Memorial - - - - -	263
Campbell, Christopher and John - - - - -	264
Chamber of Manufactures Prize in Electronic Control - - -	256
Chapman, Sir Robert - - - - -	174, 252
Chapman Memorial - - - - -	289
Clark, Alexander - - - - -	159, 209
Clark, E. V., Prize for Electrical Engineering - - - - -	254
Clark, John Howard - - - - -	136, 236
Cleland, J. B. - - - - -	266
Commonwealth Post-graduate Awards - - - - -	305
Commercial Travellers' Association - - - - -	138, 279, 295
Commonwealth Scholarships - - - - -	298
Cooke, Florence, Violin Prize - - - - -	212
Cornish, Elsie Marion - - - - -	246
Crampton, Hope, Prize for French - - - - -	238
Creswell, John - - - - -	105, 158, 278
Culross, William - - - - -	307
Davies, E. Harold, for Organ - - - - -	186, 212
Davies, Natalia - - - - -	242
Davies-Thomas, Dr. - - - - -	143, 265
Davy, Dr. Ruby - - - - -	107, 213
de Crespigny, Sir Trent Champion, Memorial Prize - - - - -	268
Delta Sigma Delta Prize - - - - -	275
de Mole, Violet - - - - -	239

INDEX

Page

Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—

Dental Board of S.A. Prize - - - - -	275
Dental Board of S.A. Research Scholarship - - - - -	276
Donnithorne, William - - - - -	107, 290
Economic Society Prizes - - - - -	278
Elder (first year of Medical Course) - - - - -	264
Elder Conservatorium - - - - -	204
Elder Conservatorium Free Scholarship - - - - -	208
Elder Overseas Scholarship - - - - -	216
Electricity Trust Prize in Electrical Power Engineering - - - - -	255
Electricity Trust of South Australia - - - - -	255
Evening Studentships - - - - -	304
Everard - - - - -	105, 138, 267
Exhibition, 1851 - - - - -	307
Faulding Scholarship in Dentistry - - - - -	276
Faulding Scholarship in Experimental Pharmacology - - - - -	272
Fenner, Charles, Prize - - - - -	244
Fisher, Joseph, Medal - - - - -	105, 151, 279
Fisher, The Sir Ronald, Prize in Genetics - - - - -	249
Fisk Prize in Electrical Engineering - - - - -	257
Fletcher, Roby - - - - -	142, 243
Forwood Down - - - - -	258
Free, Elder Conservatorium - - - - -	208
Gardner, William - - - - -	106, 175, 269
Gartrell, James - - - - -	235
Gas Company Prize in Architecture - - - - -	282
General Motors-Holdens—	
Post-graduate Research Fellowship - - - - -	292
General Practice Study Group Prize - - - - -	276
George, M. Rees - - - - -	237
Gepp, Thomas - - - - -	263
Gerard Prize - - - - -	254
Goodman, Sir William, Scholarship - - - - -	107, 257
Gosse Memorial Medal - - - - -	105, 163, 267
Government Bursaries - - - - -	300
Government Evening Studentships - - - - -	304
Gowrie - - - - -	307
Hannon, T. D. - - - - -	275
Hardie, The James, Prize in Architecture - - - - -	281
Hardie, The James, Prize in Civil Engineering - - - - -	253
Hardwicke College Prize (see P.E.B. Manual).	
Hartley Studentship - - - - -	143, 298
Hoffman la Roche (see Roche Products Ltd.).	
Hone, F. S. - - - - -	268
Hübbe, Edith, and Harriet Cook - - - - -	237
Humes Prize in Civil Engineering - - - - -	253
I.C.I.A.N.Z. Research Fellowship - - - - -	284
Institute of Architects Prizes - - - - -	282
Institute of Chartered Accountants - - - - -	280
Jefferis Memorial - - - - -	243
Jenkins, J. E., Scholarship - - - - -	106, 183
Johns, Fred - - - - -	106, 171, 242
Johnson and Johnson Prize - - - - -	270
Kloeden-McCormick-Goodhart Scholarship - - - - -	220
Leaving and Leaving Honours Bursaries - - - - -	300
Lewis, John - - - - -	244
Lienu - - - - -	218
Lines, Eva - - - - -	332
Lister - - - - -	160, 267
Lokan - - - - -	254
Lowrie - - - - -	155, 247
Lykke, Athol - - - - -	107, 217

INDEX

Page

Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—

Mackie, Archibald, Bursary - - - - -	139, 279
Magarey, Guli - - - - -	107, 213
Martin, Miss (see P.E.B. Manual).	
Medical Research Committee - - - - -	273
Milne, Kenneth and Hazel, in Architecture - - - - -	107, 192, 281
Mining and Metallurgical - - - - -	309
Murray, David - - - - -	105, 154, 293
Murray, George (Overseas) - - - - -	285
Murray, George, Travel Grants - - - - -	288
Music, Public Examinations - - - - -	216
National Heart Foundation - - - - -	272
Other Universities - - - - -	309
Orchestral - - - - -	215
Parsons, Angas - - - - -	179, 261
Petroleum Refineries Prize in Chemical Engineering - - - - -	260
Pfizer Prize in Gynaecology - - - - -	270
Pfizer Prize in Microbiology - - - - -	250
Philips Electrical Industries—	
Prize in Electronics - - - - -	257
Prize in Elements of Electronics - - - - -	256
Prizes in Physics - - - - -	250
Price, Archibald Grenfell, Prize - - - - -	244
Puddy, Edith A., Prize - - - - -	238
Puddy, Maude - - - - -	216
Reid, Kate Gilmore - - - - -	283
Rennie - - - - -	170, 246
Rhodes - - - - -	306
Roche Products Ltd. - - - - -	271
Royal Australian Institute of Architects - - - - -	282
Royal Institute of Public Administration - - - - -	280
Russell, Selborne Moutray - - - - -	107, 179, 210
St. Alban - - - - -	295
Science Research Exhibition of 1851 - - - - -	307
Scott, Andrew, Memorial Prize - - - - -	235
Services Canteens Trust Fund - - - - -	307
Shell Company of Australia Ltd.—	
Post-graduate Scholarships - - - - -	290
Prize in Chemical Engineering - - - - -	258
Prize in Economics - - - - -	277
Prize in Mechanical Engineering - - - - -	258
Sheridan Research Grant (see Medical Research Committee Grants).	
Shorney Medal and Prize - - - - -	106, 176, 269
Skipper, Justin - - - - -	262
Smith, Eric - - - - -	138, 295
Smith Kline and French Prize in Microbiology - - - - -	265
Storey, John, Prizes - - - - -	284
Stow Prizes, Medal and Scholarships - - - - -	137, 260, 261
Strong, Sir Archibald, Memorial Prize - - - - -	183, 237
Sudholz, Bertha - - - - -	270
Tate Medal - - - - -	247
Tennyson Medals (see P.E.B. Manual).	
Tew, Professor - - - - -	277
Thomas, Gladys Lloyd - - - - -	184, 212
Thomas, Rutter, Jewell - - - - -	259
Thompson, George, Bursary in Commerce - - - - -	167, 278
Thornber Bursary - - - - -	168
Tinline - - - - -	105, 153, 242
Tormore Prize - - - - -	236
Union Carbide Prizes - - - - -	248
United Nations Prize - - - - -	297
Varley Scholarship - - - - -	107, 183, 210
Walker, The Reginald, Fellowship - - - - -	107, 274

INDEX

Page

Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—	
Watson, Archibald	172, 266
Weimar-Ohlstrom	239
Whinham, Robert, for Elocution	211
Wilkinson, Herbert John, Memorial Prize	265
Williams, Clement Q., Memorial Prize	219
Wilson Travelling Scholarship in Obstetrics	106, 173, 271
Wilton, J. R., Prize	248
Wood, J. G., Memorial Prize	246
Young, John L.	105, 161, 294
Young, John Lorenzo	105, 161, 278
Scholarships, etc., tenable at other Australian Universities	309
Schulz, A. J., Bequest	107, 240
Science—	
Association, Adelaide University	323
Bachelor, Master and Doctor of	515, 595, 621
Faculty of	49, 126
Matriculation for	117
Syllabus	829
Scott, Andrew, Memorial Prize	235
Seal of University	116
Senate—	
Casting Vote	15, 197
Chairman	15, 194
Quorum	15, 195
Standing Committee	200
Standing Orders	194
Statute	113
Warden, Clerk, Members	47, 1101
Services Canteen Trust Fund, Post-graduate Scholarship	307
Shell Company of Australia Ltd.—	
Post-graduate Scholarships	290
Prize in Chemical Engineering	258
Prize in Economics	277
Prize in Mechanical Engineering	258
Sheridan, Miss Keith, Bequest	106
Sheridan Research Grants (see Medical Research Committee Grants).	106, 107, 176, 269
Shorney Medal, Library and Prize	165
Simpson, A. M., Library in Aeronautics	106
Simpson, Sheridan Bequest	55
Sites and Grounds Committee	262
Skipper, Justin, Prize	138, 295
Smith, Eric, Scholarship	265
Smith Kline and French Prize in Microbiology	1180
Social Science, Holders of Diploma in	
Social Studies—	
Board of Studies in	54, 150
Department of	86
Holders of Diploma in	1181
Regulations for Diploma in	644
Students' Association	323
Syllabus	808
Societies Associated with the University	314
Soldiers' Children Education Board	312
Special Examinations, Statute	149
Sports Association, Adelaide University	316
Sports Grounds	317
Staff of—	
Hospitals	91-103
Elder Conservatorium of Music	82
University	59-87
Waite Agricultural Research Institute	72

INDEX

	Page
Staff Club, Gift to	108
Standing Committee of the Senate	200
Standing Orders of the Senate	193
Statistics of Students—See Annual Report.	
Statutes	111
Statutory Fee	149
Storey, John, Prizes	284
Stow Prizes and Scholars	137, 260, 261
Strong, Sir Archibald, Memorial Prize	183, 237
Studentships, Evening	304
Students' Loan Fund	312
Students' Representative Council, Adelaide University	316
Students' Union, Donations	109
Students—	
Exclusion of, Statute	147
Non-matriculated, Statute	144
Incompetent, Statute	147
Loan Fund	312
Study Leave Committee	54
Sudholz, Bertha, Bequest and Prize	107, 270
Summer School of Business Administration	234
Supreme Court, Rules for Admitting Practitioners	540
Surgery—	
Bachelor and Master of	545, 604
Staff	78
Syllabus	894
Syllabus of Subjects for Degrees and Diploma Courses	753

T

Tate Medal	247
Technology and Applied Science—	
Bachelor of	568
Faculty of	53, 129
Staff	84
Matriculation for	117
S.A. Institute of, Affiliation	172
Syllabus	954
Tennyson Medals (see P.E.B. Manual).	
Terms, Statute of	117
Testing, by Engineering Laboratory	666
Tew, Professor, Prize in Economics	277
Thomas, Gladys Lloyd, Gift and Scholarship	108, 184, 212
Thomas, Rutter Jewell-, Prize and Medal	259
Thompson, George, Bursary in Commerce	167, 278
Thornber Bursary, Statute	168
Time-tables of Lectures	999
Tinline Scholarship	105, 153, 242
Tormore Prize	236
Town Planning, Master of, Regulations, Syllabus	610, 946
Traffic By-Laws, Act	28
Treasurer (Former)	88
Trinity College, Dublin, Recognition by	229
Tutors in Medical and Dental Schools	78-82

U

Union, Adelaide University, Staff, Donations, etc.	61, 106, 109, 315
Union Carbide Prizes	248
United Nations Prize (formerly League of Nations Prize)	297
University Acts	11
University Air Squadron	320
University Staff at Bedford Park	62

INDEX

Page

University Colleges—

Aquinas	- - - - -	47, 110, 178, 226
Lincoln	- - - - -	47, 104, 110, 189, 227
St. Ann's	- - - - -	47, 104, 110, 174, 225
St. Mark's	- - - - -	47, 104, 110, 168, 225
Joint Appeal	- - - - -	110
University Land Act, 1929	- - - - -	25
University Music Society	- - - - -	327
University Regiment	- - - - -	320
University Research Grant	- - - - -	312
University Squadron	- - - - -	320
Urrbrae Estate—See under Waite.		

V

Vacancies in Council	- - - - -	12, 13
Vacations	- - - - -	117
Varley Scholarship	- - - - -	107, 181, 210
Verco, Sir Joseph, Endowments	- - - - -	106
Vice-Chancellor, Act and Statute	- - - - -	14, 113
Vice-Chancellor, Deputy	- - - - -	46
Vice-Chancellors, Present and Former	- - - - -	46, 59, 88
Victoria Drive Fence	- - - - -	108
Visitor	- - - - -	17, 46
Vote of Chairman (Council and Senate)	- - - - -	15

W

Waite Agricultural Research Institute	- - - - -	18, 72, 105, 106, 107, 108, 221
Waite, Misses L. and E., Gifts	- - - - -	107, 108
Walker, Reginald, Bequest	- - - - -	107, 274
Warden of the Senate	- - - - -	14, 47, 193
Watson, Archibald, Prize	- - - - -	172, 266
Way College Old Collegians, Prize (see P.E.B. Manual).		
Weimar-Ohlstrom Prizes	- - - - -	239
Whinham Prize for Elocution	- - - - -	211
Wilkinson, Herbert John, Memorial Prize	- - - - -	265
Williams, Clement Q., Memorial Prize	- - - - -	219
Wills, K. A., Gift of Portrait of Sir Douglas Mawson	- - - - -	108
Wilson Travelling Scholarship in Obstetrics	- - - - -	106, 317, 271
Wilton, J. R., Prize	- - - - -	248
Wood, J. G., Memorial Prize	- - - - -	246

Y

Young, Gavin David, Lectures	- - - - -	107, 167, 233
Young, J., Bequest	- - - - -	107
Young, John L., Scholarship for Research	- - - - -	105, 161, 294
Young, John Lorenzo, Scholarship	- - - - -	105, 161, 278

Z

Zoology—

Staff	- - - - -	70
Syllabus	- - - - -	847