CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1965

ADELAIDE
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PREFACE

The University of Adelaide owes its origin to an act of far-seeing and generous self-denial. In 1872, Mr. (afterwards Sir) Walter Watson Hughes offered an endowment of £20,000 to Union College, an institution then established in Adelaide for the better education of Presbyterian, Congregational, and Baptist clergy. The Council of the College generously suggested to Mr. Hughes that his gift should be devoted to the more general object of founding a University. Mr. Hughes agreed to the proposal, an association was formed to further the project, the Honourable (afterwards Sir) Thomas Elder offered another £20,000, 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, Pharmacy, 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 1964 the University had conferred 11,575 degrees and 4,867 diplomas by examination, and 804 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 Commission 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 Ourself at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By Warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

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

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

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

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

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

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

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

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

Witness 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 encouragment 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 pusuant to this section may apply in relation to money provided by the Commonwealth either before or after the enactment of this section.

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

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

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

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

Annual Report

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

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

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

University to be Exempt from Land Tax

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

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

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

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

Trusts in Relation to Certain University Land

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

Validation of Degrees and Statutes and Regulations

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

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

THE FIRST SCHEDULE

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

THE SECOND SCHEDULE

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

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

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

THE THIRD SCHEDULE

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

18b. No by-law shall be made—

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

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

No. 9 of 1950.

1. In these by-laws—

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

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

"Road" includes way and track;

"University" means the University of Adelaide;

"University grounds" means—

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

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

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

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

2. (1) No person shall wilfully trespass on the University grounds.

(2) Every person reasonably suspected by an authorised person of trespassing on University grounds shall give his name and address to that authorised person upon being requested so to do.

(3) Any person reasonably suspected by an authorised person of trespassing on the University grounds shall forthwith leave the University grounds if requested to do so by that authorised person.

*3. 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 any vehicle in any place in the University grounds 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. † Allowed 14th January, 1965.

*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.

Repealed 14th January, 1965.

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, 9th January, 1964, and 14th January, 1965.

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 1965

TERMS:

First Term: March 8-May 15.

Second Term: June 7-August 7.

Third Term: August 30-December 11.

Lectures will cease in some cases in the week-ending October 23 and in others in the week-ending October 30.

JANUARY

1965

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.

Tu. 5 Faculty of Agricultural Science—2.15 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 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 Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.

M. 18 LAST DAY OF ENTRY for the Special Degree and Diploma Examinations to begin on February 2.
Advisory Committee of the University and the Q.E.H.—5 p.m.

Tu. 19 Last day of entry for the Supplementary Leaving Examinations to be held in February.

F. 29 Finance Committee—2.20 p.m.

FEBRUARY

M. 1 Public Holiday: Celebration of Australia Day.

Tu. 2 Special Degree and Diploma Examinations begin.
Hospital Year begins.
ENROLMENTS IN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY, APPLIED SCIENCE AND PHARMACY BEGIN.
Faculty of Agricultural Science—2.15 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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

M. 8 ENROLMENTS IN ALL COURSES OTHER THAN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY, APPLIED SCIENCE AND PHARMACY BEGIN. Supplementary Leaving Examinations may begin.

M. 8 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.

Tu. 9 LAST DAY OF ENROLMENT IN TECHNOLOGY, APPLIED SCIENCE AND PHARMACY.
Standing Sub-Committee of the Education Committee—10 a.m.
Faculty of Science—2 p.m.

W. 10 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
Post-graduate Committee in Medicine—8 p.m.

M. 15 LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology, Bachelor of Applied Science, Bachelor of Pharmacy and the Diploma in Pharmacy 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 LAST DAY OF ENROLMENT.
Conservatorium first term begins.

F. 26 Finance Committee—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. 1 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.

Tu. 2 Faculty of Agricultural Science—2.15 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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

S. 6 Long Vacation Ends.

M. 8 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. 9 Standing Sub-Committee of the Education Committee—10 a.m.
Faculty of Science—2 p.m.

W. 10 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 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.

F. 26 Finance Committee—2.20 p.m.

W. 31 ANNUAL COMMEMORATION—FIRST CEREMONY—4 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.

APRIL

Th.	1	Faculty of Dentistry—5 p.m.
F.	2	Faculty of Music—9.15 a.m. Council—2.20 p.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.
Tu.	6	Faculty of Agricultural Science—2.15 p.m.
W.	7	Faculty of Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m. Faculty of Economics—4 p.m.
M.	12	Advisory Committee of the University and the R.A.H.—5 p.m.
Tu.	13	Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
W.	14	ANNUAL COMMEMORATION—SECOND CEREMONY—4 p.m.
F.	16	Good Friday.
M.	19	Easter Monday.
Tu.	20	Public Examinations Board—2.15 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
Th.	22	Education Committee—2 p.m.
M.	26	Public Holiday: Celebration of Anzac Day.
F.	30	Finance Committee—2.20 p.m.

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

MAY

M.	3	Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
Tu.	4	Faculty of Agricultural Science—2.15 p.m.
W.	5	ANNUAL COMMEMORATION—THIRD CEREMONY—4 p.m.
Th.	6	Faculty of Dentistry—5 p.m.
F.	7	Faculty of Music—9.15 a.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.
M.	10	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 Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m. Faculty of Economics—4 p.m. Post-graduate Committee in Medicine—8 p.m.
Sa.	15	UNIVERSITY FIRST TERM ENDS.
M.	17	University first short vacation begins. Advisory Committee of the University and the Q.E.H.—5 p.m.
Th.	20	Education Committee—2 p.m.
Sa.	22	Conservatorium first term ends.
M.	24	Conservatorium first short vacation begins.
F.	28	Finance Committee—2.20 p.m.

JUNE

Tu.	1	Faculty of Agricultural Science—2.15 p.m.
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. Council—2.20 p.m. Faculty of Medicine—8 p.m.
Sa.	5	University and Conservatorium first short vacation ends.
M.	7	UNIVERSITY AND CONSERVATORIUM SECOND TERM BEGINS. 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.
Tu.	8	Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
W.	9	Faculty of Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m.
F.	11	Board of Research Studies—11.10 a.m.
M.	14	Public Holiday:—Celebration of Queen's Birthday.
Tu.	15	Public Examinations Board—2.15 p.m.
Th.	17	Education Committee—2 p.m.
M.	21	Advisory Committee of the University and the Q.E.H.—5 p.m.
F.	25	Finance Committee—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

Th.	1	Faculty of Dentistry—5 p.m.
F.	2	Faculty of Music—9.15 a.m. Council—2.20 p.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.
Tu.	6	Faculty of Agricultural Science—2.15 p.m.
W.	7	Faculty of Economics—4 p.m.
M.	12	Advisory Committee of the University and the R.A.H.—5 p.m.
Tu.	13	Standing Sub-Committee of the Education Committee—10 a.m. Faculty of Science—2 p.m.
W.	14	Faculty of Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m.
M.	19	Advisory Committee of the University and the Q.E.H.—5 p.m.
Th.	22	Education Committee—2 p.m.
F.	30	Finance Committee—2.20 p.m.

AUGUST

M.	2	Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
Tu.	3	Faculty of Agricultural Science—2.15 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. Council—2.20 p.m. Faculty of Medicine—8 p.m.
Sa.	7	University Second Term ends. LAST DAY OF ENTRY FOR THE DEGREE AND DIPLOMA EXAMINATIONS TO BE HELD IN NOVEMBER.
M.	9	University second short vacation begins. 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 Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m. Post-graduate Committee in Medicine—8 p.m.
Sa.	14	Conservatorium second term ends.
M.	16	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.	19	Education Committee—2 p.m.
F.	27	Finance Committee—2.20 p.m.
Sa.	28	University second short vacation ends.
M.	30	UNIVERSITY THIRD TERM BEGINS.
Tu.	31	Last day of entry for PUBLIC EXAMINATIONS to be held in November. Faculty of Agricultural Science—2.15 p.m.

SEPTEMBER

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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

Sa. 4 Conservatorium second short vacation ends.

M. 6 Conservatorium third term begins.
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 Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.

M. 13 Board of Research Studies—11.10 a.m.
Advisory Committee of the University and the R.A.H.—5 p.m.

Th. 16 Education Committee—2 p.m.

M. 20 Advisory Committee of the University and the Q.E.H.—5 p.m.

F. 24 Finance Committee—2.20 p.m.

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

OCTOBER

F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.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.
Advisory Committee of the University and the R.A.H.—5 p.m.

Tu. 5 Faculty of Agricultural Science—2.15 p.m.

W. 6 Faculty of Economics—4 p.m.

Th. 7 Faculty of Dentistry—5 p.m.

M. 11 Public Holiday: Labour Day.

Tu. 12 Standing Sub-Committee of the Education Committee—10 a.m.
Faculty of Science—2 p.m.

W. 13 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.

Th. 14 General Research Committee—2 p.m.

M. 18 Public Examinations Board—2.15 p.m.
Advisory Committee of the University and the Q.E.H.—5 p.m.

Th. 21 Education Committee—2 p.m.

Sa. 23 Lectures in some Departments end.

M. 25 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 24.

W. 27 Research Executive Committee—9.30 a.m.

F. 29 Finance Committee—2.20 p.m.

Sa. 30 All lectures end.

NOVEMBER

M. 1 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.

Tu. 2 Faculty of Agricultural Science—2.15 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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

M. 8 DEGREE AND DIPLOMA EXAMINATIONS IN GENERAL BEGIN.
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 Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
Post-graduate Committee in Medicine—8 p.m.

Th. 11 Equipment Committee—9.30 a.m.

M. 15 Advisory Committee of the University and the Q.E.H.—5 p.m.

Th. 18 Education Committee—2 p.m.

W. 24 Senate—8 p.m.
Election of Members of the Council and of the Standing Committee of the Senate, and of the Warden and Clerk of the Senate.

Th. 25 PUBLIC EXAMINATIONS BEGIN.

F. 26 Finance Committee—2.20 p.m.

Tu. 30 Standing Sub-Committee of the Education Committee—10 a.m.
Faculty of Agricultural Science—2.15 p.m.

DECEMBER

W.	1	Faculty of Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m. Faculty of Economics—4 p.m.
Th.	2	Faculty of Dentistry—5 p.m.
F.	3	Faculty of Music—9.15 a.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.
Sa.	4	Conservatorium third term ends.
M.	6	Board of Research Studies—11.10 a.m. Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
Tu.	7	Faculty of Science—2 p.m.
Th.	9	Education Committee—2 p.m.
Sa.	11	Academic Year Ends.
M.	13	Advisory Committee of the University and the R.A.H.—5 p.m.
F.	17	Finance Committee—2.20 p.m.
M.	20	Advisory Committee of the University and the Q.E.H.—5 p.m.
W.	22	Council—2.20 p.m.
Sa.	25	Public Holiday: Christmas Day.
Tu.	28	Public Holiday: Proclamation Day.

1966 JANUARY

Note: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1966 may be found in the enrolment leaflet.

Sa.	1	Public Holiday: New Year's Day. Commonwealth Inaugurated 1901.
M.	3	Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
Tu.	4	Faculty of Agricultural Science—2.15 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 Medicine—8 p.m.
M.	10	Advisory Committee of the University and the R.A.H.—5 p.m.
Tu.	11	Faculty of Science—2 p.m.
W.	12	Faculty of Arts—2 p.m. Faculty of Technology and Applied Science—2 p.m. Faculty of Engineering—3.30 p.m.
M.	17	Last day of entry for the Special Degree and Diploma Examinations to be held in February. Advisory Committee of the University and the Q.E.H.—5 p.m.
Tu.	18	Last day of entry for the Supplementary Leaving Examinations to be held in February.
F.	28	Finance Committee—2.20 p.m.
M.	31	Public Holiday: Celebration of Australia Day.

FEBRUARY

Note: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1966 may be found in the enrolment leaflet.

Tu. 1 SPECIAL DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
Hospital Year begins.
Faculty of Agricultural Science—2.15 p.m.

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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

M. 7 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Law—4.30 p.m.

Tu. 8 Supplementary Leaving Examinations may begin.
Standing Sub-Committee of the Education Committee—10 a.m.
Faculty of Science—2 p.m.

W. 9 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
Post-graduate Committee in Medicine—8 p.m.

M. 14 LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology, Bachelor of Applied Science, Bachelor of Pharmacy and the Diploma in Pharmacy that are given at the S.A. Institute of Technology.
Advisory Committee of the University and the R.A.H.—5 p.m.

Th. 17 Education Committee—2 p.m.

M. 21 CONSERVATORIUM first term begins.
Advisory Committee of the University and the Q.E.H.—5 p.m.

F. 25 Finance Committee—2.20 p.m.

MARCH

Tu. 1 Faculty of Agricultural Science—2.15 p.m.

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.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.

Sa. 5 Long vacation ends.

M. 7 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.
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 Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.

M. 14 LECTURES BEGIN.
Board of Research Studies—11.10 a.m.
Advisory Committee of the University and the R.A.H.—5 p.m.

Th. 17 Education Committee—2 p.m.

M. 21 Advisory Committee of the University and the Q.E.H.—5 p.m.

F. 25 Finance Committee—2.20 p.m.

For the 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

1965

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D. (W.Aust.), 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, 25th November, 1964.
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.). A member since 1960. Date of last election, 25th November, 1964.
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. A member since 1961. Date of last election, 25th November, 1964.
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 JAQUES POTTER, B.A., LL.B., M.L.C. Appointed by Parliament for the first time, 2nd August, 1962.
PROFESSOR HUGH NORWOOD ROBSON, M.B., Ch.B. (Edinburgh), F.R.C.P., F.R.A.C.P. Elected for the first time 25th November, 1964.
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). A member since 1960. Date of last election, 27th November, 1963.
ANNIE WINIFRED WALL, M.B., B.S., F.F.A., R.A.C.S. A member since 1960. Date of last election, 25th November, 1964.
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, 25th November, 1964.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected annually; date of last election, 25th November, 1964.

Members of the Standing Committee:

THE WARDEN (ex officio)

LAURA MADELINE ANGEL, M.Sc. A member since 1962. Date of last election, 25th November, 1964.

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.

SAMUEL JOSHUA JACOBS, LL.B. A member since 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. A member since 1962; date of last election, 27th November, 1963.

ROMA FLINDERS MITCHELL, Q.C., LL.B. A member since 1962; date of last election, 27th November, 1963.

PAUL RADFORD, M.A. (Oxford). A member since 1962. Date of last election, 25th November, 1964.

PETER CLARENCE READE, M.D.S., F.D.S.R.C.S. (England). Elected for the first time, 25th November, 1964.

GORDON STANLEY REID, B.Com. (Melbourne), Ph.D. (London). A member since 1962. Date of last election, 25th November, 1964.

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

THE UNIVERSITY COLLEGES

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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), B.Ed. (Melbourne).

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).

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

STANDING SUB-COMMITTEE OF THE EDUCATION COMMITTEE

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Vice-Chairman: Professor F. B. Bull

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The Deputy Vice-Chancellor
Professor J. G. Cornell
Professor J. H. Bennett
Professor P. H. Karmel
Professor R. F. Whelan

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

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Professor W. G. K. Duncan
Dr. D. N. Gibbs
Professor C. J. Horne
Professor M. A. Jeeves
Professor G. H. Lawton
Professor H. F. Lydall
Mr. E. Mander-Jones
Mr. B. Mason
Professor L. F. Neal
Professor J. A. Ovenstone
Dr. H. H. Penny
Professor R. B. Potts
Dr. E. Roe (during Professor Neal's absence)
Professor J. J. C. Smart
Professor H. Stretton
Professor J. R. Trevaskis

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Professor J. A. Colmer
Dr. F. R. Dalziel
Mr. A. French
Dr. F. K. Crowley
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Rev. Dr. W. F. Hambly
Dr. C. R. S. Harris
Mr. P. A. Newnham
Mr. W. A. P. Phillips
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Dr. G. S. Reid
Professor E. A. Russell
Dr. G. Schulz
Mr. W. M. C. Symonds
Mr. H. J. Siliakus
Dr. M. Williams

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Associate Dean: Professor R. N. Robertson

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The Dean of the Faculty of Agricultural Science
The Dean of the Faculty of Arts
The Dean of the Faculty of Dentistry
The Dean of the Faculty of Engineering
The Dean of the Faculty of Medicine
Professor A. A. Abbie
Professor H. G. Andrewartha
Professor A. L. J. Beckwith
Professor J. H. Bennett
Professor J. H. Carver
Professor W. H. Elliott
Dr. D. L. Hayman
Professor C. A. Hurst
Professor D. O. Jordan
Professor J. A. Ovenstone
Professor R. N. Robertson
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Dr. C. R. Jenkin
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Dr. D. I. B. Kerr
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Dean: Professor N. T. Flentje

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The Dean of the Faculty of Science
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Professor H. G. Andrewartha
Professor J. H. Bennett
Professor T. O. Browning
Professor J. H. Carver
Professor C. M. Donald
Dr. K. W. Finlay (during Professor Donald's absence)
Professor N. T. Flentje
Dr. G. E. Gream (deputy for Professor A. L. J. Beckwith)
Professor A. T. James (deputy for Professor R. B. Potts)
Dr. F. G. Jarrett (deputy for Professor H. F. Lydall)
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Professor H. H. Davis
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Professor R. A. Jensen
Mr. R. G. Keats (deputy for Professor R. B. Potts)
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Dr. S. Barker (deputy for Professor H. G. Andrewartha)
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Professor W. H. Elliott
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Dean: Professor H. F. Lydall

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Mr. B. L. Bentick
Mrs. T. L. Bentick
Mr. J. Dixon
Professor W. G. K. Duncan
Dr. G. C. Harcourt
Mr. D. T. Healey
Mr. R. R. Hirst
Mr. H. R. Hudson
Dr. F. G. Jarrett
Mr. K. G. Jones
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Mr. J. Longden
Professor H. F. Lydall
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Professor E. A. Russell
Mr. N. Sarah
Professor H. Stretton
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Dean: Professor R. A. Jensen

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Mr. J. D. Hipper
Mr. H. N. Hoskings
Professor R. A. Jensen
Mr. J. D. Kendrick
Professor R. B. Potts
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Associate Dean: Professor H. H. Davis

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The President of the Pharmaceutical Society
The President of the Pharmacy Board

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Professor J. H. Carver
Professor J. W. Clark-Lewis
Professor H. H. Davis
Mr. R. P. Hale (deputy for Professor R. B. Potts)
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Professor D. O. Jordan
Professor J. A. Ovenstone
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Professor E. A. Rudd
Professor R. W. F. Tait
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Miss E. M. Barwell
Mr. D. J. Glencross
Mr. R. C. Heddle
Mr. G. M. Hone
Mr. A. W. Jones
Dr. C. C. Jungfer
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Professor Sir Mark Mitchell
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Professor L. F. Neal
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Dr. R. G. Brown
Professor W. G. K. Duncan
Professor M. A. Jeeves
Professor H. F. Lydall
Dr. P. G. Martin (representing Professor R. N. Robertson)
Miss M. Norton
Professor J. J. C. Smart
Professor H. Stretton
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Rev. Dr. W. F. Hambly
Professor B. S. Hetzel
Mr. C. E. M. Harris
Mr. B. Mason
Mrs. P. M. Pieterek
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The Senior Physiotherapist, Adelaide Children's Hospital
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Mr. A. W. Burnell
Professor L. W. Cox
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Professor J. S. Robertson
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Dr. A. L. J. Beckwith
Dr. B. H. Briggs
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Mr. A. French
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Professor L. H. May
Professor H. N. Robson
Professor R. W. F. Tait
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Professor B. L. D. Coghlan
Professor G. H. Lawton
Dr. J. Melville
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Professor R. W. F. Tait

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Chairman: The Deputy Vice-Chancellor

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

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Chairman: The Vice-Chancellor

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

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Professor J. G. Cornell
Professor E. A. Rudd
Professor R. N. Robertson
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Professor J. G. Cornell
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The Vice-Chancellor
The Librarian
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The Dean of the Faculty of Science
The Dean of the Faculty of Agricultural Science
The Dean of the Faculty of Engineering
The Dean of the Faculty of Technology and Applied Science
The Registrar
Mr. J. W. Crompton
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Professor A. T. James
Professor R. B. Potts
Professor E. O. Willoughby

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Dr. J. M. Bonnin
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Mr. R. A. Burston
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Dr. E. Hackett
Dr. K. S. Hetzel
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Mr. M. K. Smith
Dr. H. M. Southwood
Mr. R. T. Steele
Mrs. A. W. Wall
Professor R. F. Whelan
Mr. J. G. Wilson
The Registrar

Medical Secretaries: Mr. A. J. Watson and Mr. C. G. Wilson

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Deputy Chairman: Mr. M. J. Barrett

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Vice-Chancellor's Secretary: IRIS ETHEL McRAE.

Deputy Vice-Chancellor:
Professor Sir MARK LEDINGHAM MITCHELL, M.Sc. (Camb.). Appointed 1951.

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Staff Architect:
RONALD WILLIAM MUTTON, A.R.I.B.A., A.R.A.I.A. Appointed Architect, 1961; Staff Architect, 1963.
Architectural Assistant: ALFRED IREDALE.

Senior Administrative Assistant:
DAVID GRAHAM McKIE, B.A. Appointed Administrative Assistant, 1961; Senior Administrative Assistant, 1965.

Administrative Assistants:
BARRY JOHN HOLDING, B.Ec., A.A.S.A. *Statistics.* Appointed 1961.
RICHARD WARREN RENSHAW SCANTLEBURY, T.D. Appointed 1961.
GEOFFREY MARSHALL HUDSON, B.Ec. Appointed 1965.

Filing Clerk:
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Academic Registrar's Office

Academic 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; Academic Registrar, 1965.

Assistant Registrar (Academic):
THOMAS JOSEPH SOMERVILLE, B.Comm., Dip. Pub. Admin. (N.U.I.). Appointed Administrative Assistant, 1958; Senior Administrative Assistant, 1962; Assistant Registrar (Academic), 1965.

Senior Administrative Assistants:
FRANCIS SUTHERLAND HAMBLY, B.Ec. Appointed Administrative Assistant, 1959; Senior Administrative Assistant, 1965.
DAVID JOHN WEBSTER, B.A. (N.Z.) *Appointments Board.* Appointed 1963.

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EDWIN GEORGE KING, B.A. (W. Aust.). Appointed 1958.
ALAN PHILIP WALKER, B.A. Appointed 1961.
MICHAEL ARTHUR RICHARD LUNN, B.A. (Syd.), B.Sc. (Econ.) (Lond.). Appointed 1961.
JOHN REGINALD HAYDEN COOK, B.A. (Econ.) (Manc.). Appointed 1963.
PETER COLEBROOK ABBOTT-YOUNG, M.A. (Camb.). Appointed 1964.
JAMES RONALD LEICESTER, B.Sc. (Econ.) (Lond.). Appointed Clerk of Examinations, 1960; Administrative Assistant, 1965.

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Accountant:
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; Accountant, 1965.

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DONOVAN WALTER WALLIS, A.A.S.A., J.P. Appointed Clerk, 1925; Chief Clerk, 1952; Revenue Officer, 1965.

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.
RONALD CHARLES WILKINS, A.A.S.A. Appointed 1965.

Administrative Assistants:
DESMOND MARTIN ALFRED FORD, A.A.S.A. Appointed 1963.
WILLIAM KENNETH WOOD, B.Ec. Appointed Clerk, 1958; Administrative Assistant, 1964.
JOHN MALCOLM BLIGHT, B.Sc. Appointed 1964.

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

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LESLIE ARTHUR JAMES WRIGHT. Appointed 1958.

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

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Messrs. SPRY WALKER and Company.

The University of Adelaide at Bedford Park

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

Senior Administrative Assistant:
ARTHUR PATRICK KEAIN, B.A. Appointed Administrative Assistant in Registrar's Department, 1962; Senior Administrative Assistant for Bedford Park, 1964.

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:
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TERENCE CHARLES EYRE, A.R.I.B.A. Appointed 1963.
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Architectural Assistant:
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DAPHNE MIRANDA YOUNG, B.A. (W. Aust.). Appointed 1964.
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RALPH WARREN VICTOR ELLIOTT, M.A. (St. And.). Appointed Senior Lecturer in English, 1959; Reader, 1962; Professor at Bedford Park., 1964.

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IAN STOTT LAURIE, M.A. (N.Z.), M.A., Ph.D. (Camb.). *French.* Appointed 1965.

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

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MURRAY McCASKILL, M.A., Ph.D. (N.Z.). Appointed 1965.

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

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JOHN WILLIAM CLARK-LEWIS, Ph.D. (Nott.), D.Sc. (Lond.). Appointed Senior Lecturer in Organic Chemistry, 1955; Reader, 1960; Professor at Bedford Park, 1963.
JOHN ROBERT ANDERSON, B.Sc. (N.S.W.), Ph.D. (Camb.). Appointed 1965.

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MAURICE RAYMOND ATKINSON, B.Sc., Ph.D. (Tas.) Appointed Lecturer in Enzyme Chemistry, Waite Agricultural Research Institute, 1957; Senior Lecturer, 1961; Reader in Protein Chemistry, 1963; Professor at Bedford Park, 1965.
ALEXANDER BEAUMONT HOPE, B.Sc., Ph.D. (Tas.). Appointed 1965.
Senior Lecturer:
BRYAN ALWYN BARLOW, B.Sc., Ph.D. (Syd.). Appointed 1965.
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CLIVE ELLSWORTH PRICE, B.Sc. (Sheff.), Ph.D. (Lond.). Appointed 1965.

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

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

Senior Lecturer:
ERIC RONALD CORNEY, M.A. (Adel. and Camb.). Appointed Lecturer, 1938; Senior Lecturer, 1950.

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DAVID ALBERT HESTER, M.A. (Camb.). Appointed 1958.
RONALD WALTER GARSON, B.A. (Syd. and Camb.). Appointed 1959.
CARMEL ISABEL YOUNG, M.A. (Auck.), B.Phil. (Oxford). Appointed 1965.

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

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

Readers:
MYFYR BRYN DAVIES, M.A. (Oxford). Appointed Senior Lecturer, 1952; Reader, 1955.
BRIAN ROBINSON ELLIOTT, M.A. (W. Aust.), D.Litt., *Australian Literature*. Appointed Lecturer, 1940; Senior Lecturer, 1956; Reader, 1961.
GEORGE WILLIAM TURNER, M.A. (N.Z.). Appointed 1965.

Senior Lecturers:
FRANCIS HUGH MARES, B.A. (Durh.), B.Litt. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1962.
ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed Lecturer, 1958; Senior Lecturer, 1963.
KEVIN BARRY MAGAREY, M.A. (Oxford), B.A. Appointed Lecturer, 1960; Senior Lecturer, 1965.
JAMES WINNY, M.A. (Camb.). Appointed 1965.

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ANTHONY MATTHEWS GIBBS, B.A. (Melb. and Oxford). Appointed 1959.
PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed 1961.
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ALAN THEO BRISSENDEN, B.A., Dip.Ed. (Syd.), Ph.D. (Lond.). Appointed 1963.
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JAMES GLADSTONE CORNELL, M.A. (Melb.), L. ès L. (Paris), Chevalier de la Légion d'Honneur. Appointed Lecturer, 1938; Professor, 1944.

Senior Lecturers:
ELLIOTT CHRISTOPHER FORSYTH, D. de l'U. (Paris), B.A., Dip.Ed. Appointed Lecturer, 1955; Senior Lecturer, 1959.
PETER SUTHERLAND HAMBLY, D. de l'U. (Paris), B.A. Appointed 1964.

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.
NICOLE GARÇON, Dip. d'Et. Sup. (Poitiers). Appointed 1964.

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Professor:

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

Reader:

GERHARD ERNST OTTO SCHULZ, Dr. Phil. (Leipzig). Appointed 1964.

Lecturers:

HENDRICUS JOHANNES SILIAKUS, B.A. (Birm.). Appointed Tutor, 1955; Lecturer, 1958.
ALOIS OTTO BONIG, M.A. (Melb.). Appointed 1963.
LEE IRVING KERSTEN, B.A. (Temporary). Appointed 1963.

Tutors:

WILLEM ADRIAAN ROOSE, B.A.
MARIE-LOUISE MATHILDE THIERSCH.

HISTORY

Professor and Head of the Department:

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

Professor:

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

Reader:

ALLAN WILLIAM MARTIN, M.A. (Syd.), Ph.D. (A.N.U.). Appointed 1965.

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. (W. Aust. and Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961.
KENNETH LOWELL OLIVER GILLION, M.A. (N.Z.), A.M. (Tufts), 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. (On Leave.)
TREVOR GORDON WILSON, M.A. (N.Z.), D.Phil. (Oxford). Appointed Lecturer, 1960; Senior Lecturer, 1965.
ISRAEL GETZLER, M.A. (Melb.), Ph.D. (Lond.). Appointed Lecturer, 1962; Senior Lecturer, 1965.

Lecturers:

LOTTE GLOW, M.A. (Melb.), Ph.D. 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.
ALAN SYKES, B.A. (Oxford). Appointed 1964.
PETRUS HENRICUS MARIA VAN DEN DUNGEN, B.A. (W. Aust.). Appointed 1965.
LEON DESMOND ATKINSON, Ph.D. (A.N.U.), B.A. Appointed 1965.
GORDON LESLIE BUXTON, B.A., Dip.Ed. Appointed 1965.
PRODYOT CHANDRA MUKHERJEE, B.A. (Lond.), Dr.Pol.Sci. (Warsaw). Appointed 1965.
DAVID ROGER HAINSWORTH, M.A. (Syd. and Oxford). Appointed 1965.
IAN DONALD BLACK, B.A. (Temporary).

Tutors:

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WINNIFRED RUTH CHRISTINE HIRST, B.A.
JANET MARIAN ROBERTSON, B.A.
MARGARET ANNE WORDEN

Senior Research Fellow:

FRANCIS KEBLE CROWLEY, Ph.D. (Melb.), D.Phil. (Oxford). Appointed 1964.

HISTORY AND POLITICAL SCIENCE

Professor:

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

Reader:

GORDON STANLEY REID, B.Com. (Melb.), Ph.D. (Lond.). Appointed Senior Lecturer, 1958; Reader, 1965.

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.

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LANCE FRANKLIN SCHULTZ

PHILOSOPHY

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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. (On Leave.)

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'ld.), B.A. Appointed 1964.

PSYCHOLOGY

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

Honorary Professor:
NORMAN LESLIE MUNN, Ph.D. (Clarke), D.Sc. (Springfield). Appointed 1963.

Reader:
KENNETH ALFRED PROVINS, M.A. (Oxford), Ph.D. (R'dg.). Appointed 1962.

Senior Lecturers:
SYDNEY HAROLD LOVIBOND, B.A. (Melb.), Ph.D., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959.
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:
FRANCIS ROBERT DALZIEL, Ph.D. (Aberd.). Appointed 1962.
ANTHONY HAROLD WINEFIELD, Ph.D. (Lond.). Appointed 1962.
DAVID GLENN MULLIGAN, M.A. (N.Z.), Ph.D. (Lond.). Appointed 1964.
IAN DAVID JOHN, M.A. (Melb.), B.A. Appointed 1965.

Tutors:
PETER SIMON DELIN, M.A. (Oxford).
LEON COLBURN LACK, B.A. (Stan.).
PHYLLIS EVELYN OATES, B.A. (Melb. and Camb.).

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:
MICHAEL WILLIAMS, Ph.D. (Wales). Appointed 1960.
TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales) Appointed 1960.
NIGEL MORRITT WACE, B.A. (Oxford), Ph.D. (Belf.). Appointed 1961.
RONALD KEITH HEFFORD, M.Ec. Appointed 1962.
PETER JOHN SMAILES, M.A. (Manc.). Appointed 1963.
DEREK LEON SMITH, B.A. (Liv.), M.A. Appointed 1964.

Tutors:
ELIZABETH MARY CAMPBELL, B.A.
PETER CRABB, B.Sc. (Glas.).

EDUCATION

Professor and Head of the Department:
LAURIE FREDERICK NEAL, B.A., Dip.Ed. (Lond.). Appointed 1959.

Professor:
ZOLTAN PAUL DIENES, Ph.D. (Lond.), Dip.Ed. (Leic.) Appointed Reader in Psychology, 1960; Professor, 1964.

Senior Lecturer:
ERNEST ROE, M.A. (Oxford), B.Ed. (Q'ld.), Ph.D. 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.
JERZY JAROSLAW SMOLICZ, Ph.D. (Edin.). Appointed 1965.

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. (S.A.), 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.

Readers:
RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.
FRANCIS GEORGE JARRETT, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed Lecturer, 1953; Senior Lecturer, 1956; Reader, 1960.

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.)
DEREK THOMAS HEALEY, B.Sc. (Econ.) (Belf.), M.A. (Oxford). Appointed 1964.

Lecturers:
MICHAEL JOHN ARTIS, B.A. (Oxford). Appointed 1964.
ERIC STAPLETON RICHARDS, B.A. (Nott.). Appointed 1964.
BARRY BRENTON WORRALL, B.A. (W. Aust.). Appointed 1964.
JOHN LONGDEN, M.A. (Oxford and Camb.). Appointed 1964.
BRIAN LESLIE BENTICK, M.Com. (Melb.), M.A. (Yale). Appointed 1965.
TERESITA LEGASPI BENTICK, B.S. (Philippines), M.A. (Yale). Appointed 1965.
JOHN DIXON, B.A. (Keele). Appointed 1965.
WARREN THOMAS DENT, B.Ec. (A.N.U.) (Temporary).

Tutors:
GRETEL DUNSTAN, B.A.
JAMES GORDON MACKAY, M.A. (Aberd.).
MICHAEL GLENTHORNE PORTER, B.Ec.
MERVYN LEWIS

COMMERCE

Professor:

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.). Appointed 1961.
MURRAY SCOTT HENDERSON, B.Ec. (Temporary). Appointed 1964.

Part-time Lecturer:
NEIL SARAH, M.Com. (Ill.), B.Ec.

Tutors:
ROBERT IAN HARRIES, B.Ec.
IAN CAMPBELL YOUNG, B.Ec.

FACULTY OF SCIENCE

MATHEMATICS

Professor and Head of the Department:

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

Professors:

ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.), F.A.A., *Elder Professor*. Appointed 1959.

JENS RAINER MARIA RADOK, M.A. (Melb.), D.Ing. (T.H. Munich). Appointed Reader, 1963; Professor, 1964.

ALAN TRELEVEN JAMES, Ph.D. (Prin.), M.Sc. Appointed 1965.

Readers:

JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959; Reader, 1965.

DOUGLAS BARKER SEARS, D.Sc. (Rand.), D.Phil. (Oxford). Appointed 1965.

Senior Lecturers:

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

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

REYNOLD GILBERT KEATS, B.Sc. Appointed 1961.

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

Lecturers:

KERWIN WILLIAM MORRIS, B.Sc. Appointed 1956.

JOHN BALFOUR BUXTON, B.Sc. Appointed 1964.

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

JOZEF BRILLA, Dr.Ing. (T.U. Brno). Appointed 1964.

JOHN STEPHENSON, Ph.D. (Lond.). Appointed 1965.

Tutors:

MARTA SVED, B.Sc.

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

KENNETH ROBERT PEARSON, B.A.

GLEN RAYMOND THOMPSON, B.Sc.

ROBERT SCOTT ANDERSSEN, M.Sc. (Q'ld.).

PHYSICS

The Elder Professor and Head of the Department:

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

Professor:

KENNETH GORDON McCRACKEN, Ph.D. (Tas.). Appointed 1965.

Readers:

STANLEY GORDON TOMLIN, Ph.D. (Lond.) 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 LAWRENCE, M.Sc. Appointed Lecturer, 1959; Senior Lecturer, 1963.

KEITH HENRY LOKAN, Ph.D. (A.N.U.), B.Sc. Appointed 1965.

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.

PAUL JULIAN EDWARDS, Ph.D. (Tas.). Appointed 1964.

ALAN GOWER GREGORY, B.Sc. (Lond.), Ph.D. (A.N.U.). Appointed 1964.

EUAN CHISHOLM MACKENZIE, Ph.D. (Birm.). Appointed 1965.

Senior Demonstrator:

BRIAN HENRY HORTON, B.Sc. (Q'ld.).

Demonstrators:

ALAN CHARLTON BASTIAN, B.Sc. (W. Aust.).
RAYMOND W. MERRY, B.S. (East Ill.), M.S. (Ohio).
BRYAN ROBERT WALTER, B.Sc.

MATHEMATICAL PHYSICS

Professor and Head of the Department:

CHARLES ANGAS HURST, B.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed Senior Lecturer, 1957; Reader, 1960; Professor, 1964.

Professor:

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

Senior Lecturer:

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

Lecturer:

LINDSAY RICHARD DODD, B.Sc. (Temporary).

PHYSICAL AND INORGANIC CHEMISTRY

The Angas Professor and Head of the Department:

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

Professor:

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. Aust.), 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.
THOMAS KURUCSEV, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1965.
MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. Appointed Lecturer, 1959; Senior Lecturer, 1965.

Lecturers:

BARRY JOHN STEEL, B.Sc. (W. Aust.), Ph.D. (N.E.). Appointed 1960.
GERALD STEVEN LAURENCE, M.Sc. (W. Aust.), Ph.D. (Leeds). Appointed 1961.
PETER EDWARD MARSHALL ALLEN, D.Sc. (Birm.). Appointed 1963.

Demonstrators:

STEPHEN FREDERICK LINCOLN, B.Sc. (Manc.).
RICHMOND JEFFREY BAKER, B.Sc.

Senior Research Fellow:

ROSS BANKS INMAN, Ph.D. Appointed 1964.

ORGANIC CHEMISTRY

Professor:

ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W. Aust.), D.Phil. (Oxford). Appointed Lecturer, 1958; Senior Lecturer, 1962; Reader, 1964; Professor, 1965.

Reader:

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

Senior Lecturers:

GRAHAM ETHELBERT LEWIS, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1961.
THOMAS McLEOD SPOTSWOOD, M.Sc. (Tas.), Ph.D., Appointed Lecturer, 1962; Senior Lecturer, 1964.

Lecturers:

GEORGE EDWARD GREAM, M.Sc. (N.E.), Ph.D. (Camb.) Appointed 1961.
RICHARD ALAN JONES, M.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.), D.I.C. (Lond.). Appointed 1964.
DAVID PETER GEORGE HAMON, Ph.D. (S'ton). Appointed 1965.
ARTHUR DAVID WARD, Ph.D. (N.Z.). Appointed 1965.

GEOLOGY AND MINERALOGY

Professor and Head of the Department:
ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc., F.G.S. Appointed 1958.

Professor:
MARTIN FRITZ GLAESSNER, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A. Appointed Senior Lecturer, 1950; Reader, 1952; Professor, 1964.

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'ld.), Ph.D. (Wis.). Appointed Lecturer, 1959; Senior Lecturer, 1964.
JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (Calif.), Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1964.
BRIAN DAILY, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1964.

Lecturer:
ROBERT WILLIAM NESBITT, Ph.D. (Durh.) Appointed 1961.

Senior Demonstrator:
ELIZABETH MAUD McBRIAR, B.Sc. (Melb.), M.Sc.

Demonstrators:
KENNETH JOHN POCOCK, B.Sc.
ROBIN OFFLER, B.Sc.
ALAN CHARLES MOORE, M.Sc. (Rhodes).

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, D.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1950; Reader, 1961.

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

Lecturers:
CONSTANCE MARGARET EARDLEY, M.Sc. Appointed 1950.
ROBERT TERRENCE LANGE, Ph.D. (W. Aust.). Appointed 1961.
MICHAEL GEORGE PITMAN, M.A., Ph.D. (Camb.). Appointed 1962.
JOSEPH TONY WISKICH, Ph.D. (Syd.). Appointed 1964.

Honorary Lecturer:
HANSJOERG EICHLER, Dr. rer. nat. (Halle-Wittenberg). Appointed 1965.

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.).
SHIRLEY RAE SEXTON, B.A., B.Sc. (N.Z.).
ALAN BAILEY, B.Sc. (Liv.).
DAVID ANDREW THOMAS, M.Agr.Sc. (Melb.).

Senior Research Fellow:
REINHARD FERDINAND MATTHIAS VAN STEVENINCK, M.Ag.Sc. (Wageningen). Appointed 1964.

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:
WILLIAM PERCY ROGERS, M.Sc. (W. Aust.), D.Sc. (Lond.), F.A.A. Appointed Professor of Zoology, 1952; Professor of Parasitology, 1962.

Reader:
GEOFFREY HAROLD SATCHELL, B.Sc. (Lond.), Ph.D. (Leeds). Appointed Senior Lecturer, 1962; Reader, 1965.

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.
RAYMOND IAN SOMMERVILLE, M.Agr.Sc. (N.Z.). Appointed 1964.
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. Aust.). Appointed 1963.

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:
WILLIAM HERDMAN ELLIOTT, M.A., Ph.D. (Camb.). Appointed 1965.

Readers:
ERIC SPENCER HOLDSWORTH, Ph.D. (Leeds). 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). Appointed 1956.
ROBERT HENRY SYMONS, Ph.D. (Melb.). Appointed 1962.

Demonstrators:
ALFRED JOHN WILKES, B.Sc.
JULIA KRISTOFF, B.Sc.
ELIZABETH WARDLE, 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:
IVAN STANLEY DE LA LANDE, Ph.D. (Melb.), *Pharmacology*. Appointed 1958.
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.

Senior Lecturers:
MAURICE LAURENCE MASHFORD, M.B., B.S. (Syd.), M.R.A.C.P. Appointed 1964.
ROSS NOEL SPEDEN, M.Sc. (N.Z.), D.Phil. (Oxford). Appointed 1964.

Lecturers:
JOHN NEILSON McNALLY, B.Sc. Appointed 1962.
PETER RICHARD STUART GOULDHURST, M.B., B.S. (Temporary). Appointed 1962.
GARRY CAMPBELL SCROOP, M.B., B.S. (Temporary). Appointed 1964.

Senior Demonstrator:
BARBARA JOAN DENNIS, M.Sc.

Demonstrators:
REGINALD BERNARD PORTER, M.Sc.
JUDITH ANN MORTIMER, M.Sc. (Syd.).

MICROBIOLOGY

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

Reader:
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, Ph.D. Appointed Assistant Lecturer and Demonstrator, 1952; Lecturer, 1954.
PETER REEVES, Ph.D. (Lond.). Appointed Research Fellow, 1961; Lecturer, 1965.

Demonstrator:
ALAN CHARLES BLASKETT, B.Sc.

GENETICS

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

Reader:
GEORGE ROBERT FRASER, M.A., M.B., B.Ch. (Camb.), Ph.D. (Lond.). Appointed 1965.

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.

Senior Demonstrator:
JUDITH ANNE WINSTANLEY LEVY, M.Sc.

Demonstrator:
CAROLYN RUBY OERTEL, B.Sc.

COMPUTING SCIENCE

Professor and Director of the Computing Centre:
JOHN ALLEN OVENSTONE, B.Sc. (Syd.), Ph.D. (Camb.). Appointed 1964.

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

Lecturers:
JOHN GAVIN SANDERSON, M.Sc. Appointed in Mathematics Department, 1959; transferred, 1963.
ANDREW KENNETH DUNCAN, M.A. (Tor.), B.Sc. Appointed 1965.

Engineer:
ROBERT JAMES POTTER, B.E.

Officer in Charge of Punch Card Equipment:
DONALD WILLIAM SIMMONS, D.F.C., B.A., B.Ec., A.U.A. (Pub. Admin.). Appointed in Registrar's Department, 1955; transferred, 1961.

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 BIOCHEMISTRY AND SOIL SCIENCE

The Waite Professor:
DAVID JAMES DONALD NICHOLAS, M.A. (Camb.), Ph.D. (Brist.), D.Sc. (Lond.). Appointed 1964.

Readers:
RUPERT JETHRO BEST, D.Sc. Appointed Assistant Lecturer, 1928; Lecturer, 1930; Senior Lecturer, 1950; Reader, 1958.
DENNIS JAMES GREENLAND, M.A., D.Phil. (Oxford). Appointed Lecturer, 1959; Reader, 1963.

Senior Lecturers:

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

DAVID GRAY LEWIS, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1964.

Lecturers:

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

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

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

DAVID ROLAND LILJEGREN, Ph.D. Appointed 1964.

JACOB WILLEM KIJNE, B.Sc. (Wageningen), Ph.D. (Utah). Appointed 1964.

JOHN FLEXMORE JACKSON, B.Sc. (Tas.), Ph.D. Appointed 1964.

AGRONOMY

The Waite Professor of Agriculture:

COLIN MALCOLM DONALD, D.Sc.Agr. (Syd.), M.Ag.Sc., F.A.I.A.S. Appointed 1954.

Readers:

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

KEITH PERCIVAL JOHN BARLEY, M.Agr.Sc. (Melb.). Appointed Lecturer, 1955; Senior Lecturer, 1958; Reader, 1965.

Senior Lecturers:

RICHARD JAMES MILLINGTON, M.Sc. (Syd.), Ph.D. Appointed Lecturer, 1952; Senior Lecturer, 1959.

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

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

DAVID ERIC SYMON, B.Ag.Sc. Appointed Lecturer, 1951; Senior Lecturer, 1962.

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

DAVID HEREWARD BURNABY SPARROW, B.Sc. (R'dg.) (Barley Improvement Fund). Appointed Lecturer, 1960; Senior Lecturer, 1965.

GRAHAM CHARLES EVERITT, M.Sc. (Wales) (Wool Research Fund). Appointed Lecturer, 1961; Senior Lecturer, 1965.

Lecturers:

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

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

JAMES ALFRED CARPENTER, Ph.D. (W. Aust.). Appointed 1961.

KENNETH WILLIAM SHEPHERD, Ph.D. Appointed 1961.

GRAHAM JOHN LEACH, Ph.D. (R'dg.) (Wool Research Fund). Appointed 1962.

DONALD WILLIAM PUCKRIDGE, B.Ag.Sc. Appointed 1965.

ENTOMOLOGY

The Waite Professor:

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:

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.

DEREK ALAN MAELZER, M.Sc. (W. Aust.), Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1965.

Lecturer:

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

PLANT PATHOLOGY

Professor:

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed Lecturer, 1947; Senior Lecturer, 1951; Reader, 1958; Professor, 1964.

Reader:

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

Senior Lecturers:

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

PATRICK HENRY BRABAZON TALBOT, M.Sc. (S.A.), Ph.D. (Lond.) (Department of Health Grant). Appointed 1960.

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

MAURICE VERNON CARTER, Ph.D. Appointed Research Officer, 1953; Lecturer, 1956; Senior Lecturer, 1963.

Lecturers:

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

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

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

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

ALAN BRYCE LLOYD, B.Sc. (Otago) (Temporary).

ANIMAL PHYSIOLOGY

Professor:

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

PLANT PHYSIOLOGY

Professor:

LANCELOT HARRIS MAY, Ph.D., D.I.C. (Lond.), B.Sc. Appointed Lecturer, 1950; Senior Lecturer, 1955; Reader, 1959; Professor, 1964.

Reader:

LESLIE GODELL PALEG, B.A. (Wash.), Ph.D. (Iowa). Appointed Lecturer, 1957; Senior Lecturer, 1962; Reader, 1965.

Senior Lecturers:

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

GORDON ROBERT EDWARDS, M.S. (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.

DONALD ASPINALL, Ph.D. (Nott.) (Barley Improvement Fund). Appointed Lecturer, 1957; Senior Lecturer, 1965.

OTHER OFFICERS

Part-time Reader:

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

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). Appointed 1960.

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

DOUGLAS LEONARD PARKHILL, M.A.Sc. (Br. Col.). Appointed Lecturer, 1961; Senior Lecturer, 1965.

Lecturers:
DAVID STIRLING BROOKS, M.E. Appointed 1958.
JOHN ROBERT EWERS, B.E. (W. Aust.). Appointed 1965.

Senior Research Fellow:
RALPH WILLIAM ANSLEY, B.A., B.Sc (Qu.), Ph.D. (Alta.). Appointed 1964.

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.
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.). 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.). Appointed Lecturer, 1958; Senior Lecturer, 1962.
ALLAN SHAW, B.A. (Brooklyn), B.M.E. (N.Y.). Appointed 1962.
ROBERT BRUCE KING, B.Sc. (Syd.). Appointed Lecturer, 1959; Senior Lecturer, 1963.
MAXWELL K. BULL, B.Sc., B.Mech.E. (Melb.), Ph.D. (S'ton). Appointed 1964.
JAMES HENRY FOWLER, B.E. Appointed Lecturer, 1956; Senior Lecturer, 1965.
JAMES ROSS DYER, B.E., B.Ec. Appointed Lecturer, 1961; Senior Lecturer, 1965.

CHEMICAL ENGINEERING

Professor:
ROBERT WILLIAM FRANCIS TAIT, B.Sc. (Edin.), 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.). Appointed 1963.
TERENCE NORMAN SMITH, B.E. (Syd.), Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1964.

Lecturers:
CARL PATRICK JEFFRESON, B.E. (Syd.). Appointed 1965.
DAVID REGINALD GLYNDWR WILLIAMS, B.App.Sc. Appointed 1965.

FACULTY OF LAW

The Bonython Professor and Head of the Department:
ARTHUR ROGERSON, M.A. (Oxford). Appointed 1964.

Professor:
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:
HORST KLAUS LUCKE, Dr.Jur. (Cologne), M.C.J. (N.Y.), LL.B. Appointed 1961.
DAVID St. LEGER KELLY, B.C.L. (Oxford), LL.B. Appointed 1964.
IVAN ANTHONY SHEARER, LL.B. Appointed Lecturer, 1963; Senior Lecturer, 1964.
JOHN BRIAN GREAVES, M.A. (Oxford). Appointed 1965.

Lecturers:
JOHN FRANCIS KEELER, B.A., B.C.L. (Oxford). Appointed 1964.
MICHAEL JOHN TREBILCOCK, LL.B. (N.Z.). Appointed 1964.
WARREN BRENT FISSE, LL.B. (Cant.). Appointed 1965.

Part-time Lecturers:
MICHAEL JAMES DETMOLD, LL.B. Appointed 1965.
WILLIAM ANDREW NOYE WELLS, Q.C., M.A., B.C.L. (Oxford), LL.B., *Property*. Appointed 1954.
BRIAN OSWALD HUNTER, LL.B., *Equity*. Appointed 1956.
ELWYN BEWELL SCARFE, LL.B., *Evidence*. Appointed 1956.
GEORGE HENRY WALTERS, LL.B., *Procedure*. Appointed 1961.
JOHN NEIL McEWIN, LL.B., *Legal Ethics and Accounts*. Appointed 1953.
JOHN HEREFORD PORTUS, B.A. (Syd. and Oxford), *Industrial Law*. Appointed 1961.
JOHN JEFFERSON BRAY, Q.C., LL.D., *Roman Law*. Appointed 1959.
ROMA FLINDERS MITCHELL, Q.C., LL.B., *Family Law*. Appointed 1960.
ALEXANDER KEITH SANGSTER, Q.C., LL.B., *Taxation Law*. Appointed 1960.
DUDLEY LEWIS RICHARDS, LL.B., *Commercial Law*. Appointed 1962.
OSCAR CEDRIC ISAACHSEN, LL.B., *Commercial Law*. Appointed 1953.

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.). Appointed 1958.

ANATOMY AND HISTOLOGY

The Elder Professor:
ANDREW ARTHUR ABBIE, M.D., 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.
MARIS ATIS MICHAEL ROZENBILDS, M.B., B.S. (Temporary).
DESMOND CHARLES HOFFMANN, M.B., B.S. (Temporary).

Senior Demonstrator:
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:
PHILIP RICHARD HODGE, M.B., B.S., M.R.A.C.P., M.C.P.A. Appointed Senior Lecturer, 1958; Reader, 1965.

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 1959.
PHILIP ALBERT LUDBROOK, M.B., B.S. (Temporary).
CHRISTOPHER ALFRED SWITAJEWSKI, M.B., B.S. (Temporary).
GRAHAM WILLIAM MUSSARED, M.B., B.S. (Temporary .

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.

Readers:
DONALD JOHN DELLER, M.B., B.S. (Syd.), D.Phil. (Oxford), M.D., M.R.C.P., M.R.A.C.P. Appointed Michell Research Fellow, 1961; Reader, 1965.
HARRY LANDER, M.B., B.S., M.R.A.C.P. Appointed Senior Lecturer, 1959; Reader 1965.

Senior Lecturer:
IAN JAMES FORBES, M.D., M.R.C.A.P. Appointed 1963.

Lecturers:
PETER STANISLAUS DAVIS, M.Sc. (N.S.W.). *Clinical Biology.* Appointed 1964.
RICHARD JOHN KIMBER, B.D.S., M.B., B.S., M.R.A.C.P. (Temporary),
ANDERS GUSTAF WANGEL, M.B., B.S., M.R.A.C.P. (Temporary).
MERVYN JOHN HOFFMAN, M.B., B.S. (Temporary).

Part-time Lecturers:

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.

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.

THOMAS GORDON PAXON, M.D. (Lond.), M.R.C.P. *Pulmonary Tuberculosis.* Appointed 1960.
PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M., D.P.H. (Syd.), M.R.A.C.P. *Public Health and Preventive Medicine.*

Part-time Tutors:

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 EDYVANE RUSSELL, M.B., B.S., M.R.A.C.P.
JOHN LANE WADDY, B.Sc., M.B., B.S., M.R.A.C.P.
THE UNIT REGISTRARS.

At The Queen Elizabeth Hospital:
STEPHEN CHARLES MILAZZO, M.B., B.S., M.R.A.C.P.
ROBERT GEOFFREY STRICKLAND, M.B., B.S.
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.

HARRY FENWICK HUSTLER, M.B., B.S. (Melb.), D.P.H. (Syd.). *Public Heath and Preventive Medicine.*
GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.T.M., D.P.H. (Syd.). *Public Health and Preventive Medicine.*
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. *Radiology.*

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.
JOHN STEWART CHARNOCK, Ph.D. *Biochemistry.* Appointed 1964.

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

Teaching Registrars:
JEFF GIRTS ROZENBILDS, M.B., B.S. (Royal Adelaide Hospital.)
JAMES FAIRBAIRN YOUNG, M.B., B.S. (The Queen Elizabeth Hospital.)

Part-time Lecturers:
At the Royal Adelaide Hospital:
JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.
ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1963.

At The Queen Elizabeth Hospital:
JAMES RUPERT MAGAREY, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1960.

DAVID OWEN CROMPTON, M.B., B.S., D.O. (Melb.), F.R.A.C.S. *Dr. Charles Goss Lecturer in Ophthalmic Surgery.* Appointed 1961.
ROBERT NEIL REILLY, M.B., B.S., D.L. and O. (Melb.), F.R.A.C.S. *Diseases of the Ear, Nose and Throat.* Appointed 1963.
GEOFFREY GURNER WYLLIE, M.B., B.S., F.R.C.S., F.R.A.C.S. *Surgical Diseases of Children.* Appointed 1964.
MAURICE JAMES WILSON SANDO, M.B., B.S., F.F.A.R.A.C.S. *Anaesthetics.* Appointed 1963.

Part-time Tutors:
At the Royal Adelaide Hospital:
JOHN ROBERT BADGER, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
KENNETH FRANCIS CABRERA, M.B., B.S., F.R.C.S.
MELVILLE LIONEL CARTER, M.B., B.S., F.R.A.C.S.
MICHAEL RAYMOND HONE, B.Sc., M.B., B.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.
JAMES CROWE DAVIDSON MILL, M.B., B.S.
JUSTIN HERBERT MILLER, M.B., B.S.
PAULINE MARGARET NICHOLSON, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.B., B.S. (Lond.), D.A. (R.C.P. and S.). *Anaesthetics.*
DENNIS CRAIG PATERSON, M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S.
PAUL MALCOLM RAINSFORD, M.B., Ch.B. (Birm.), D.A., F.F.A.R.A.C.S. *Anaesthetics.*
JOHN PATRICK RICHARDSON, M.B., B.S.
RICHARD TAUNTON SOUTHWOOD, M.B., B.S., F.R.C.S.
JOHN GLADSTONE SWEENEY, M.B., B.S., F.R.C.S. (Eng.).

At The Queen Elizabeth Hospital:
DAVID CHARLES BARTON, M.B., B.S.
JAMES HOWARD BROWN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
JOHN SAMUEL TWEEDALE COX, M.B., B.S.
COLIN GORDON PAULL, M.B., B.S., F.R.C.S., F.R.A.C.S.
TREVOR GEORGE PICKERING, M.B., B.S.
VIVIAN EALDEN REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. and S.). *Anaesthetics.*
JAMES MILLER SAUNDERS, M.B., Ch.B. (N.Z.), D.A. (Melb.), F.F.A.R.A.C.S. *Anaesthetics.*
JOSEPH PATRICK SAVAGE, M.B., B.S.
DONALD ALLEN SIMPSON, M.B., M.S.
RODNEY GORDON WHITE, M.B., B.S.

Senior Research Fellow:
PETER READ KNIGHT, M.B., Ch.B. (Birm.), F.R.C.S. Appointed 1964.

OBSTETRICS AND GYNAECOLOGY

Professor:
LLOYD 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.

Readers:
LESLIE OSWYN SHERIDAN POIDEVIN, M.D., M.R.C.O.G. Appointed 1952.
RONALD IAN COX, Ph.D. (Edin.). *Endocrinology.* Appointed 1962.

Senior Lecturers:
ROBERT NEILL MUNDAY, M.B., B.S., M.R.C.O.G. Appointed Lecturer, 1961; Senior Lecturer, 1963.
AILEEN FORSYTH CONNON, M.D. (Belf.), M.R.C.O.G. Appointed Lecturer, 1963; Senior Lecturer, 1965.

Part-time Senior Lecturers:
KARL GEORGE BALL, M.B., B.S., M.R.C.O.G. Appointed 1961.
IAN KING FURLER, M.B., B.S., M.R.C.O.G. Appointed 1964.

Part-time Tutors:
JOHN GOODE BUNDEY, M.B., B.S., M.R.C.O.G.
LORNA RUTH DOW, M.B., B.S., M.R.C.O.G.
JOHN MILTON MILLER, M.B., B.S., F.R.C.S. (Edin.), 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'ld.), 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 Lecturers:
GARRY MALCOLM KNEEBONE, M.Sc. (Pitt.), M.B., B.S., M.R.A.C.P. Appointed 1963.
ROBERT BARTLETT ELLIOTT, M.B., B.S., M.R.A.C.P. Appointed 1965.

Lecturer:
LOIS JESSIE WURFEL, M.B., B.S. (Temporary).

Part-time Tutors:
RICHARD GEOFFREY CHAMPION DE CRESPIGNY, M.B., B.S. (Melb.), F.R.A.C.P.

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.
WILLIAM ANDREW DIBDEN, D.P.M. (Melb.), M.B., B.S.
HUGH MATHESON DOUGLAS, M.B., B.S.
JOHN GRENFELL WILSON, M.B., B.S., M.R.A.C.P.

At The Queen Elizabeth Hospital:
DILYS MARY CRAVEN, M.B., Ch.B. (Wales).

At the Queen Victoria Maternity Hospital:
ERIC BALDWIN SIMS, M.D., F.R.A.C.P.

MENTAL HEALTH

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

Senior Lecturer:
FRANÇOIS MARIE MARTIN MAI, M.B., Ch.B. (Capt T.), M.R.C.P. (Edin.), D.P.M. (Lond.) Appointed 1964.

Lecturer:
JOHN HUGH COURT, B.A. (R'dg.). *Clinical Psychology.* Appointed 1964.

Senior Tutor:
FRANCES MARGARET MACNAMARA, B.A., Dip.Soc.St. (Syd.), M.H.Cert. (Lond.). *Social Work.* Appointed 1964.

Part-time Tutors:
WALTER EDWARD MICKLEBURGH, M.B., Ch.B. (Aberd.).
FRANK KEITH WESTON, D.P.M. (Melb.), M.B., B.S.

FACULTY OF DENTISTRY

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

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

Lecturers:
PETER GLYNN DELLOW, B.D.S., M.B., B.S. Appointed in *Physiology,* 1959; in *Oral Biology,* 1965.
JOHN GABRIEL WATERSON, B.D.S. Appointed 1965.

Teaching Registrar:
STEPHEN WEI HON YIN, B.D.S. (The Queen Elizabeth Hospital.)

Part-time Lecturers:
JAMES ESTCOURT HUGHES, M.B., M.S., *Surgery.* Appointed 1954.
ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S., *Dental Practice.* Appointed 1960.

Part-time Tutors:
MELVILLE LIONEL CARTER, M.B., B.S., *Surgery.*
GEOFFREY CHARLES HALL, B.D.S., *Dental Anatomy.*
JUSTIN HERBERT MILLER, M.B., B.S., *Surgery.*
PETER CLARENCE READE, M.D.S.
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DIVISION OF PREVENTIVE DENTISTRY

Readers:

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

MILTON REGINALD SIMS, M.S.D. (Boston), B.D.S. Appointed 1964.

Part-time Tutors:

KEVIN REGINALD ALLEN, B.D.S.

BRIAN CORRELL CRISP, M.D.S.

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DIVISION OF ORAL SURGERY AND ORAL PATHOLOGY

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Senior Lecturers:

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

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

Part-time Lecturers:

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

ROBERT ERNEST STEELE, M.B., B.S., F.F.A.R.C.S. Appointed 1962.

Part-time Tutors:

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Senior Lecturer:

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:

JOHN KIRKWOOD, B.D.S. (Syd.), D.D.S. (Tor.), F.D.S.R.C.S. (Eng.). Appointed Temporary Lecturer, 1961; Lecturer, 1962.

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

Part-time Lecturer:

FRANTISEK VNUK, B.A., B.Sc. Appointed 1963.

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ALISON JOYCE HOLDER, Mus.Bac.

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German:
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Reader:
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RONALD LANE SMITH, B.Arch. (Manit.). Appointed 1964.
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Part-time Lecturers:
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.
ALLAN DALE CORREY, Dip.L.D. (Durh.), M.L.A. (Ill.), A.I.L.A. Appointed 1962.
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RICHARD JOHN MEAGHER, B.E. (N.Z.), A.M.ASCE.
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RONALD SUNTHERERAJ MATHER, B.Sc. (Ceyl.), M.I.S. (Aust.).
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ELECTRICAL ENGINEERING
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CECIL CONTOS, B.Tech.

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JOHN BARON WHITE, B.E., A.M.I.E. (Aust.).
GEOFFREY EDWIN HIGGINBOTTOM, B.Sc. (Leeds).

SCHOOL OF APPLIED PHYSICS (Mathematics, Physics, Electronic Engineering)

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

MATHEMATICS
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HAROLD EDGAR MANSBRIDGE, M.Sc.
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THOMAS JOHN DICKSON, B.Sc., Dip.Ed. (W. Aust.).
RICHARD GRAHAM JOHN MILLS, B.Sc.
DENNIS JOHN CLAGUE, B.Sc.

ELECTRONIC ENGINEERING
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PHYSICS
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BARBARA ISABELLE HERBERT POSSINGHAM, Ph.D., A.A.I.P.
EDWARD ROBERT SANDERCOCK, B.Sc., Grad. A.I.P.
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JOHN FRANCIS DREW, B.Sc.

SCHOOL OF CHEMICAL TECHNOLOGY AND METALLURGY

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

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

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, M.Ed. (W. Aust.). Appointed 1963.
JOHN MONCRIEFF, M.P.Ed. (Br. Col.), Ed.D. (Calif.). Appointed 1964.

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

SOCIAL STUDIES

Reader-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.Comm., 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.).

PHYSIOTHERAPY

Lecturer-in-Charge:
MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T., M.C.S.P. (Lond.). Appointed Lecturer, 1960; Lecturer-in-Charge, 1965.

Lecturer:
JEANNE-MARIE ELISABETH GANNE, T.M.M.G., T.E.T., M.C.S.P. (Lond.). Appointed Senior Tutor, 1963; Lecturer, 1964.

Part-time Lecturers:
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CONSTANCE HARTLEY SMITH, A.P.A., M.C.S.P. (Lond.).

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Assistant Physicist:
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THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B., 1945-59.
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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.
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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).

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English Language and Literature:
SIR ARCHIBALD THOMAS STRONG, M.A. (Oxford and Liv.), Litt.D. (Melb.), 1922-1930.
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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:
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Political Science and History:
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Mathematics:
HORACE LAMB, M.A., LL.D. (Camb.), F.R.S., 1875-1885.
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Physics:
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On the Australian Advisory Council of Bibliographical Services:
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On the Australian Commonwealth Engineering Standards Association:
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On the Board for the Education of Children of Deceased Soldiers:
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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:
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PROFESSOR SIR JOHN BURTON CLELAND, C.B.E., M.D., Ch.M., F.R.A.C.P.

On the Dental Board of South Australia:
MURRAY JAMES BARRETT, M.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:
MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T., M.C.S.P.

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.

On the Advisory Committee for Educational Television Services:
PROFESSOR L. F. NEAL, B.A., Dip.Ed.
PROFESSOR R. N. ROBERTSON, D.Sc., Ph.D., F.R.S., F.A.A.

BENEFACTIONS BY PRIVATE PERSONS

ENDOWMENTS (£1,000 or more)

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

1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and in English and Philosophy.

1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.

1878: The Hon. J. H. Angas—£4,000 to found a scholarship and exhibitions in Engineering.

1883: Sir Thomas Elder—£10,000 to found a medical school.

1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.

1884-9: Sir Thomas Elder—£1,500
1884-9: Private Subscriptions—£1,150 } in support of a chair in Music.

1884: Sir Thomas Elder—£1,000 to found evening classes.

1886: Public Subscriptions—£800
1916: Public Subscriptions—£325 } to found a lectureship in Ophthalmic Surgery in memory of Dr. Chas. Gosse.

1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.

1890: W. Everard—£1,000 to found a scholarship in Medicine.

1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).

1897: Sir Thomas Elder—£20,000 to endow the school of Medicine.

1897: Sir Thomas Elder—£20,000 to endow the school of Music.

1897: Sir Thomas Elder—£25,000 for general purposes.

1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.

1907: G. J. R. Murray—£1,000 to found the Tinline Scholarships in History.

1908: David Murray—£2,000 to found scholarships.

1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.

1914: Peter Waite—Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, to advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.

1915: Peter Waite—Estate of Claremont and part of Netherby, comprising 165 acres adjoining Urrbrae.

1918: Peter Waite—5,880 Shares in Elder, Smith and Co. Ltd., to provide income to enable the University to utilize for the purposes intended the land given in 1914 and 1915.

1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.

1916-22: Sir Samuel J. Way—£1,277 for general purposes.

1919: Miss E. M. Bundey—£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
1936: Mrs. T. E. Barr Smith—£5,000
} towards the building and equipping of an 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: 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 Gollin—£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—£1,847 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—£36,209 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—£3,400 to endow a prize in Anatomy.
1964: Mrs. R. I. M. Boyce—£5,000 to establish the Clive E. Boyce Fund.
1964: Mrs. Marjorie Casley Smith and Dr. J. Casley Smith—£1,000 to establish, in memory of the late Roy Frisby Smith, a fund to encourage the study of Company Law.
1964: Private subscriptions—£1,500 to establish the John F. Kennedy Memorial Fund.
1964: Private subscriptions—£1,870 to establish the R. K. Morton Memorial Fund.

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.
1958-64: An anonymous benefactor—£100,000 for the Medical School.
1959: An anonymous gift of £5,000 for the support of animal research.
1964: Miss Dorothy Basey—£3,448 for cancer research.
1964: E. H. Cobley—£2,703 for cancer research.
1964: Miss E. E. Jenkins—£1,000 for cancer research.
1964: J. A. Martin—£7,000 for the purchase of the Anti-Cancer Hostel.
1964: C.S.I.R.O.—£7,500 towards the cost of the Engineering Annexe.
1964: W. D. and H. O. Wills—£20,000 towards the purchase of land at Bedford Park.

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

GIFTS OF £1,000 OR MORE, 1955-60

	£	s.	d.
General Motors-Holden's Ltd.	£12,000	0	0
Adelaide University Union Council	6,000	0	0
Broken Hill Pty. Ltd.	5,000	0	0
Advertiser Newspapers Ltd.	5,000	0	0
Mrs. J. Alwyn Mudge	5,000	0	0
Elder, Smith & Co. Ltd.	5,000	0	0
The Broken Hill Associated Smelters Pty. Ltd.	3,000	0	0
The United Licensed Victuallers' Association	2,500	0	0
S.A. Associated Brewers	2,500	0	0
Imperial Chemical Industries of Australia and New Zealand Ltd.	2,000	0	0
Mrs. George Tarlton Wills	2,000	0	0
Members of the Staff of the University of Adelaide	1,860	0	0
Mr. K. A. Wills	1,105	0	0
Australia and New Zealand Bank Ltd.	1,100	0	0
The Shell Co. of Australia Ltd.	1,000	0	0
Sir Claude Gibb	1,000	0	0
Vacuum Oil Co. Pty. Ltd.	1,000	0	0
Commonwealth Bank of Australia	1,000	0	0
S. Kidman & Co. Ltd.	1,000	0	0
British Tube Mills (Australia) Pty. Ltd.	1,000	0	0
Chrysler Australia Ltd.	1,000	0	0
H. V. McKay Charitable Trust	1,000	0	0
The Federal Viticultural Council	1,000	0	0
Ford Motor Co. of Australia	1,000	0	0
National Bank of Australasia Ltd.	1,000	0	0
Electrolytic Zinc Co. of Australasia Ltd.	1,000	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 Mayor's Appeal for Cancer in 1950	£102,794	0	0
Gifts in 1939	£3,350	0	0				
Gifts in 1948	£221	0	0	Gifts in 1951-64	8,739	0	0
Gifts in 1949	£1,458	0	0				

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL OF ARCHITECTURE, 1955-61

Architects Board of S.A.	£1,750	0	0	S.A. Institute of Architects	1,000	0	0
Woods, Bagot, Laybourne-Smith and Irwin	1,250	0	0		7,000	0	0
F. Kenneth Milne, Dawkins, Boehm and Ellis	1,000	0	0	Other donations of varying amounts under £1,000	£15,056	12	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 Associated Brewers	£3,000	0	0	Other gifts, totalling	5,956	11	4
Advertiser Newspapers Ltd.	1,250	0	0	Total donations as at 31/12/63	£11,206	11	4

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-Holden'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).

St. Mark's

Gifts totalling	£4,374	2	0

St. Ann's

A. M. Barnes' Estate	5,000	0	0
Other gifts, totalling	2,099	12	5
	£7,099	12	5

Aquinas

Adelaide Development Co. Ltd.	2,500	0	0
	£2,500	0	0

Lincoln

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

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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.
LXXXIII. Of the Schools at Bedford Park.

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) Physics (second chair)
(54) Inorganic Chemistry
(55) Animal Physiology
(56) Plant Pathology
(57) Plant Physiology
(58) Materials Science
(59) Dentistry (second chair)
(60) Computing Science
(61) Slavonic Studies

(b) When it established a separate Chair in Organic 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 and Parasitology.

(i) In 1964 the Council established Chairs, each personal to the occupant, in Education, Geology, Mathematical Physics and Mathematics.

(j) The Council has established the following professorships tenable at Bedford Park:

English
Romance Languages (2)
Comparative Government
Economics
Geography
History
Social Administration
Chemistry (2)
Mathematics
Physics
Biology (3)

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
(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.

* The fee prescribed by the Council is £3/3/-.

(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, the Principal and the Chairmen of the Schools at Bedford Park, 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.

* Amended 28th January, 1965.

(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. *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 chose Geography as their *sole* subject from Group B.

3. *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. *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.

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 Professor of Computing Science; the Director of Education; the Principal of the Adelaide Teachers' College.

(b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

* Allowed 12th December, 1963.
† Amended 28th January, 1965.

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 Professor of Computing Science; 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.
‡ Amended 28th January, 1965.

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 Dean of the Faculty of Arts; the Lecturer in charge of Music at a Teachers' College nominated by the Director of Education.

(b) *Appointed members*: (i) Such teachers of principal subjects in the Elder Conservatorium of Music, not exceeding ten 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.

† Amended 28th January, 1965.

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* 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 University members of the Faculty; and *vice versa*. Not-

** Allowed 12th December, 1963. † Allowed 4th April, 1963.

* This Department is now known as the Department of Commerce.

withstanding 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 18th October, 1956. Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

*1. There shall be a Board of Discipline, consisting of the Chancellor, the Vice-Chancellor, the Deans of the several Faculties, the Principal and the Chairmen of the Schools at Bedford Park, 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.

* Amended 22nd January, 1953, and 28th January, 1965.

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

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

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

(iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;

(v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;

(c) to expel such student from the University.

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

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

Allowed 2nd December, 1926.

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

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

A. The Angas Engineering Scholarship.

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

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

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

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

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

† Allowed 6th December, 1922, and amended 15th December, 1937.
‡ Allowed 30th November, 1933.

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

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

B. The Angas Engineering Exhibitions.*

10. There shall 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.

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 exhibitioner 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.

* Allowed 25th August, 1955.

15. Except by permission of the Council, an exhibitioner 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 circum-

° Allowed 3rd January, 1935.

stances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

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

Allowed 2nd December, 1926

Chapter XV.—Of The Stow Prizes and Scholar.

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province: And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned: It is hereby provided:

1. That there shall be annual prizes, to be called The Stow Prizes.

2. Each of such prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds.

*3. A Stow Prize may be awarded to any candidate for the LL.B. Degree, who, at any November Examination, in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.

4. Not more than four Stow Prizes may be awarded in any one year.

5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled Stow Scholar.

* Allowed 12th December, 1907. Allowed January, 1899.

Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed to the University the sum of £1,000 for the purpose of founding a scholarship in connection with the medical school, such scholarship to be called by his name; it is hereby provided as follows:

1. A scholarship, to be called The Everard Scholarship, shall be offered for competition annually.

2. The value of the scholarship shall be Thirty* Pounds, and shall be paid to the scholar in one sum.

* Increased by Council to £50 in 1964.

3. The scholarship shall be awarded to the student who, being neither a graduate in medicine of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has been placed highest amongst such eligible candidates in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if in the opinion of the Board of Examiners there is a candidate of sufficient merit.

Allowed 16th June, 1949, and amended 8th December, 1949.

Chapter XVIb.—Of The Eric Smith Scholarship.

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

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

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

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

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

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

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

7. The University shall pay the fees at the 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 XXXVII).

* 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 countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes; or

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

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

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

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

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

*The Roby Fletcher prize shall be £10 and shall be awarded annually to the best 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 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 enrols 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;*

* The fee prescribed by the Council is £3/3/-.

(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.

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.

‡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.

‡ The additional fee prescribed by the Council is £5.

° Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959.

† Allowed 16th March, 1961.

§ Allowed 12th August, 1903.

‡‡ Repealed 16th March, 1961.

*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 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.

‡ Allowed 5th December, 1918.
* Allowed 10th December, 1919.
†† Allowed 28th July, 1959.
** Allowed 23rd January, 1947.

(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.

¶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,

§ Allowed 12th August, 1915.
‡‡ Allowed 12th August, 1915.
† Allowed 7th December, 1927.
†† Allowed 28th July, 1959.
* Allowed 10th December, 1919.
¶ Allowed 18th October, 1956.

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 except the Faculty of Medicine 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.

(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.

* 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 10th January, 1946.

‡ Allowed 7th December, 1932, and amended 28th January, 1965.

** Allowed 14th December, 1950, and amended 4th April, 1963.

(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.

†14. (a) The reference in Clause 2B of this Chapter to the University Library and the University Librarian shall, with respect to theses and other work submitted by candidates at Bedford Park, be construed to mean the Library or the Librarian at Bedford Park, as the case may require.

(b) The reference in Clause 8 of this Chapter to the University Union shall in relation to students at Bedford Park be construed to mean the Union at Bedford Park.

* Allowed 4th April, 1963. Allowed 27th December, 1899.
† Amended 28th January, 1965.

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.

†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.

* Amended 8th December, 1949, 22nd January, 1953, 20th December, 1956, and 12th December, 1963.
† Amendment allowed 22nd December, 1955.

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.

Allowed 11th December, 1947.

Chapter XXVIII.—Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

*1. There shall be a medal, to be called The Joseph Fisher Medal for Commerce, which shall be awarded annually in accordance with the following provisions:

(a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.

(b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

*Allowed 22nd January, 1953.

*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 attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

* Allowed 3rd January, 1929.

Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

* Whereas the late George John Robert Murray, then a member of the Council of the University, paid in 1907 the sum of £1,000 to the University for the purpose of founding with the income thereof a scholarship to be called The Tinline Scholarship in memory of the family of his mother:

Now it is hereby provided as follows:

1. Two Tinline Scholarships shall be available for award each year.

2. The purpose of the scholarships is to encourage original work.

3. Provided that in the opinion of the examiners the candidate is of sufficient merit one scholarship shall be awarded to the candidate placed highest in the final examination for the Honours degree of Bachelor of Arts in the School of History and the other to the candidate placed highest in the final examination for the Honours degree of Bachelor of Arts in the School of Politics.

4. If in any year no candidate in one School is deemed by the examiners to be of sufficient merit, two awards may be made in the other School if two candidates in that School are deemed to be of sufficient merit.

5. The value of a scholarship shall be determined from time to time by the Council.

6. The value of the scholarship shall be paid in one sum to the scholar on receipt by the Registrar of a certificate from the Head of the Department concerned that the scholar has entered upon post-graduate study or research in the University of Adelaide which accords with the general purpose of the scholarship as stated in Clause 2 above.

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

* Allowed 28th January, 1965.

Chapter XXXI.—Of the David Murray Scholarships.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Whereas Ellen Milne Bundey has paid to the University the sum of £200 for the purpose of founding with the income thereof an annual prize in memory of her parents, the late Sir Henry and Lady Bundey, to be called The Bundey Prize for English Verse:

Now it is hereby provided as follows:—

*A prize to the value of ten pounds, called The Bundey Prize for English Verse, shall be awarded in April of each year to the person who, in the opinion of the Professors of English Language and Literature and of Classics and such other examiners as the Faculty may appoint, shall have written the best poem or poems, under conditions prescribed by the Faculty of Arts in June of each year; provided that, if the examiners shall not consider any candidate worthy to receive the prize, it shall lapse for that year.

‡The competition for the prize is open to graduates and undergraduates of the University of Adelaide, provided they have entered on their studies at the University not more than six years prior to the date fixed for sending in poems.

Each poem must be accompanied with the name of the author in full and be delivered at the office of the Registrar of the University not later than the 31st of March. The prize shall be received by the successful candidate on 1st of June following.

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

†Copies of all poems presented shall be retained, and a copy of the successful poem shall be deposited in the Library.

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

* Allowed 6th December, 1923, and amended 15th December, 1937.
‡ Amended 28th January, 1965.
† Allowed 9th August, 1922. Allowed 7th August, 1913.

Chapter XXXVI.—Of the John Creswell Scholarships.

Whereas the sum of £1,300 has been subscribed and paid to the University for the purpose of founding with the income thereof scholarships in memory of the late John Creswell: Now it is hereby provided as follows:—

*1. Three scholarships, to be called the John Creswell Scholarships, shall, subject to the conditions hereinafter set forth, be awarded in each year:—One by the South Australian Cricket Association (hereinafter called "the said Association"), one by the Royal Agricultural and Horticultural Society of South Australia, Incorporated (hereinafter called "the said Society"), and one by the Council of the University (hereinafter called "the Council").

†2. The scholarships to be awarded by the said Association and the said Society respectively shall be awarded annually to candidates who—

(a) have qualified for matriculation in the Faculty of Economics,

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

(c) are deemed by the said Association and the said Society respectively worthy to receive the scholarships.

†3. The scholarships to be awarded by the Council shall be awarded annually to students who—

(a) have qualified for matriculation in the Faculty of Economics,

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

(c) are recommended to the Council by the Public Examinations Board as being worthy to receive the scholarships.

†4. The value of each scholarship shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the scholar may include in his curriculum for the degree of Bachelor of Economics provided that the scholarship shall not be tenable for more than six years.

†5. Except by permission of the Council, each scholar shall enter forthwith upon the course for the degree of Bachelor of Economics and shall prosecute his studies continuously and with diligence. The scholarship shall be forfeited if the holder thereof fails to observe any of these requirements, unless such failure shall, in the opinion of the Council, have been the result of ill-health or other reasonable cause; provided, however, that failure to pass in any examination shall not of necessity be sufficient cause for forfeiture. The decision of the Council as to the forfeiture of a scholarship shall be final.

†6. If a scholarship be forfeited, or lapses or becomes vacant before the holder has completed his course for the degree of Bachelor of Economics, the scholarship shall not be re-awarded.

7. No student shall hold one of the said scholarships concurrently with any other scholarship tenable at the University.

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

† Allowed 22nd January, 1953 *Allowed 3rd January, 1929.
† Allowed 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.

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,

* Allowed 30th November, 1933, and amended 10th December, 1936.
†† Allowed 25th August, 1955. ‡ Allowed 18th October, 1956.
** Allowed 10th December, 1925. † Allowed 16th December, 1948.

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 16th December, 1948.
†† Repealed 25th August, 1955. * Amended 15th January, 1959.
Allowed 13th December, 1917.

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 Bundey, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a scholarship or scholarships for the encouragment 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 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 postgraduate 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.

§ Increased by Council to £35 in 1964.

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

* Increased by Council to £150 in 1964.

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.

* Increased by Council to £25 in 1964.

Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

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

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

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

°3. The annual value of each scholarship shall be £16/16/0§ and shall be applied towards tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

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

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

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

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

6. Every candidate shall pay an examination fee of one guinea‡ and shall undergo such examination as the Council may direct.

°7. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in the subject for which the scholarship would have been awarded.

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

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

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

° Allowed 25th August, 1955. ‡ Allowed 18th October, 1956.
† Allowed 16th December, 1948. Allowed 11th December, 1947.
§ Increased by Council to £25 in 1964.

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.
§ Increased by Council to £50 in 1964.

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. § Increased by Council to £17/10/0 in 1964.

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.
* Increased by Council to £25 in 1964.

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.

§ Increased by Council to £25 in 1964.

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.
§ Increased by Council to £25 in 1964.

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. † Increased by Council to £30 in 1964.

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.

Chapter LXXXIII.—Of the Schools at Bedford Park.

1. There shall be Schools of Language and Literature, Social Sciences, Physical Sciences, and Biological Sciences, and such other Schools as the Council may from time to time determine.

2. For each School there shall be a Board which shall advise the Council on all questions relating to the studies, lectures and examinations in the School.

3. Each Board shall consist of:

(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Principal; each Chairman of a School, or his nominee; the professors and lecturers of the School.

(b) *Appointed members*: (i) Not more than three persons appointed by the Council on the recommendation of the Board; (ii) not more than three other persons appointed by the Council.

4. Appointed members of a Board shall hold office until the end of the calendar year for which they are appointed but shall be eligible for reappointment.

5. There shall be a Standing Committee of each Board. A Standing Committee shall be responsible to the Board, and shall:

(a) conduct the day-to-day business of the School; and

(b) perform such other duties as may be delegated to it by the Board.

6. A Standing Committee shall consist of:

(a) the professors of the School;

(b) as many other members of the Board as there are professors, to be elected by the Board;

(c) the Chairman and the Vice-Chairman of the School, if they are not members under section (a) or (b) of this clause;

(d) not more than two other persons who may be co-opted annually by the Standing Committee.

7. The term of office of an elected member of a Standing Committee shall be two years. Half of the elected members shall retire at the end of each year and shall be eligible for re-election. At the first

meeting, the elected members shall draw by lot to determine which of them will serve an initial term of one year, and which will serve a full term of two years.

8. The Council shall appoint a Chairman and a Vice-Chairman of each School on the recommendation of the Standing Committee of the School; save that the first Chairman of each School shall be appointed by the Council.

9. The Chairman shall hold office for a term of four years. Except with the approval of the Council on the recommendation of the Standing Committee, the Chairman shall not be eligible for reappointment for more than one further consecutive term.

10. The Vice-Chairman shall hold office for a term of two years and shall be eligible for reappointment.

11. The Chairman of each School, or in his absence the Vice-Chairman, shall perform such duties as may from time to time be prescribed by the Council, and (amongst others) he shall:

(a) be Chairman of the Board and the Standing Committee of the Board, and shall preside at all meetings of those bodies at which he shall be present;

(b) convene meetings of the Board and the Standing Committee at his own discretion or on the written request of the Vice-Chancellor or the Principal or of two members of the Board;

(c) subject to the control of the Board, exercise a general superintendence over the School's administrative business.

12. If the Chairman and the Vice-Chairman are not available or are unable to act, the Vice-Chancellor or the Principal may convene a meeting of the Board or Standing Committee or, in the case of emergency, arrange for some other member of the Board to act for the Chairman.

13. Whenever in Chapters VIII, IX, XI, XXIV and XXV reference is made to a Faculty it shall according to the context and subject matter be read and construed to refer also to a School at Bedford Park or the Board of a School at Bedford Park as the case may require, and a reference to a Dean of a Faculty shall be read and construed to refer also to a Chairman of a School at Bedford Park.

Allowed 28th January, 1965.

REGULATIONS FOR STUDIES AT BEDFORD PARK.

1.—Of the Degree of Bachelor of Arts at Bedford Park.

1. There shall be an Ordinary and an Honours degree of Bachelor of Arts. A candidate may obtain either degree or both.

2. The degree shall be taken in either the School of Language and Literature or the School of Social Sciences.

3. Schedules defining the lectures and other work to be undertaken for each course, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Boards of the respective Schools and submitted to the Council for approval. 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. Syllabuses of courses offered in each School shall be drawn up by the Boards of the respective Schools.

5. No candidate shall be permitted to enrol without his programme of study for that year having been approved by the Chairman of the appropriate School, or his nominee.

6. (a) Annual examinations and supplementary examinations, when granted, shall be held at such time as may be fixed by the Council. Other examinations may be held at any time during the academic year.

(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 performed the work prescribed to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a course the examiners may take into account the candidate's work in the course and his results at other examinations in it.

7. There shall be three classifications of pass at annual examinations 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 in one list, or in two divisions as the appropriate Board may determine.

8. (a) There shall be the following classifications for the Honours degree:

First Class
Second Class
Division A
Division B
Third Class

The names of successful candidates shall be published in alphabetical order within each classification.

(b) A candidate who fails to obtain an Honours degree may be awarded the Ordinary degree provided that he has completed the work prescribed for the Honours degree.

9. A candidate who has passed equivalent examinations in the University or elsewhere and who desires that such examinations should be counted towards the degree may, on written application, be granted such status towards the degree as the Council shall determine on the recommendation of the appropriate Board.

Allowed 28th January, 1965.

2.—Of the Degree of Bachelor of Economics at Bedford Park.

1. There shall be an Ordinary and an Honours degree of Bachelor of Economics. A candidate may obtain either degree or both.

2. The degree shall be taken in the School of Social Sciences.

3. Schedules defining the lectures and other work to be undertaken for each course, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Board of the School of Social Sciences and submitted to the Council for approval. 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. Syllabuses of courses offered for the degree shall be drawn up by the Board of the School.

5. No candidate shall be permitted to enrol without his programme of study for that year having been approved by the Chairman of the School, or his nominee.

6. (a) Annual examinations and supplementary examinations, when granted, shall be held at such time as may be fixed by the Council. Other examinations may be held at any time during the academic year.

(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 performed the work prescribed to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a course the examiners may take into account the candidate's work in the course and his results at other examinations in it.

7. There shall be three classifications of pass at annual examinations 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 in one list, or in two divisions as the Board of the School may determine.

8. (a) There shall be the following classifications for the Honours degree:

First Class
Second Class
    Division A
    Division B
Third Class

The names of successful candidates shall be published in alphabetical order within each classification.

(b) A candidate who fails to obtain an Honours degree may be awarded the Ordinary degree provided that he has completed the work prescribed for the Honours degree.

9. A candidate who has passed equivalent examinations in the University or elsewhere and who desires that such examinations should be counted towards the degree may, on written application, be granted such status towards the degree as the Council shall determine on the recommendation of the Board of the School.

Allowed 28th January, 1965.

3.—Of the Degree of Bachelor of Science at Bedford Park.

1. There shall be an Ordinary and an Honours degree of Bachelor of Science. A candidate may obtain either degree or both.

2. The degree shall be taken in either the School of Physical Sciences or the School of Biological Sciences.

3. Schedules defining the lectures and other work to be undertaken for each course, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Boards of the respective Schools and submitted to the Council for approval. 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. Syllabuses of courses offered in each School shall be drawn up by the Boards of the respective Schools.

5. No candidate shall be permitted to enrol without his programme of study for that year having been approved by the Chairman of the appropriate School, or his nominee.

6. (a) Annual examinations and supplementary examinations, when granted, shall be held at such time as may be fixed by the Council. Other examinations may be held at any time during the academic year.

(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 performed the work prescribed to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a course the examiners may take into account the candidate's work in the course and his results at other examinations in it.

7. There shall be three classifications of pass at annual examinations 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 in one list, or in two divisions as the appropriate Board may determine.

8. There shall be the following classifications for the Honours degree:

First Class
Second Class
Division A
Division B
Third Class

The names of successful candidates shall be published in alphabetical order within each classification.

9. A candidate who has passed equivalent examinations in the University or elsewhere and who desires that such examinations should be counted towards the degree may, on written application, be granted such status towards the degree as the Council shall determine on the recommendation of the appropriate Board.

Allowed 28th January, 1965.

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 thirtieth day before the day of meeting.

† Amended by Senate, 23rd November, 1949, 28th November, 1962, and 25th November, 1964.

* 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 nomina-

* Passed by the Senate, 28th March, 1894.
‡ Passed by the Senate, 25th November, 1964.

tions will be received. A form of nomination shall accompany each circular.

‡61. Every nomination shall be signed by two members of the Senate; and every candidate nominated shall signify on the nomination form his consent to the nomination. An incomplete nomination or a nomination that reaches the Clerk after the date and time prescribed in the circular shall be invalid.

‡62. The Clerk shall include in the Notice-paper of a meeting at which an election will be held a list of the candidates validly nominated for election, and no other candidate shall be eligible for election at that meeting.

‡63. A candidate duly nominated for any office may subsequently by letter to the Clerk request that his nomination be cancelled, and receipt by the Clerk of such letter shall be held to cancel such nomination.

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

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

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

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

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

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

E. Questions.

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

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

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

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

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

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

‡ Passed by the Senate, 25th November, 1964.
* Passed by the Senate, 28th March, 1894.
† Passed by the Senate, 26th July, 1922.

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 1965

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

Whereas the University was enabled by an endowment of £20,000 from the late Sir Thomas Elder in 1897 to establish the Elder Conservatorium of Music, it is hereby provided as follows:

1. The Conservatorium shall provide courses of instruction and study for the Diploma of Associate in Music of the University of Adelaide in such branches of music as the Council may from time to time approve.

2. The Conservatorium shall also provide for the teaching and study of various branches of music as individual subject studies. The range of studies to be so provided shall be approved from time to time by the Council, and the studies shall be classified as follows: Principal Subjects, Secondary Subjects, Classes. Students may take principal subjects without proceeding to the diploma; and subject to the approval of the Director they may take secondary subjects or attend classes without taking a principal subject.

3. The teaching staff of the Conservatorium shall comprise a Director and such other professors, lecturers, and teachers as the Council shall from time to time appoint.

4. The Conservatorium year shall extend from February until December and shall include thirty-six teaching weeks. It shall be divided into three terms, the dates for beginning and ending terms and vacations being determined annually by the Council.

5. An intending student shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee and sign the Elder Conservatorium students' roll.

6. Except in special circumstances approved by the Director, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering after the first term in any year has 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 30th November, 1933.
‡ Allowed 10th December, 1925
§ 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 1961—
Noble, John M. (Trumpet).
For 1962—
Harrison, Powell Jessup (Singing). (One-year Exhibition.)
For 1964—
Gill, Peter G. (Singing).
For 1965—
Roberts, Susan P. (Violin).

THE LUCY JOSEPHINE BAGOT PRIZE

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII.

Awards.

For previous awards, see Calendars from 1954.

1961—Macpherson, Margaret
1962 — Dawe, Robert Arthur
1963—Bermingham, Jennifer A.
1964—Lasscock, Janet

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 1961—
Rozelaar, Amanda M.
(One-year Exhibition)
For 1962—
Wickes, Lewis C.
For 1965—
Wesley Smith, Peter

The Gustav Reimers Scholarship is tenable by a player of the Violoncello.

Awards.

For 1953—
Warnecke, Mary.
For 1955—
McDonald, Harry Roy.
For 1957—Robjohns, Gwenyth.
For 1960—
Rozelaar, Amanda M.
(One-year Exhibition)
For 1961—
Finnis, Catherine M.
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.
1960—Osborn, Thomas R.
1961—Christie, Ann W.
1962/64—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—
Levy, Juliette I. H.
For 1960—
Simpson, Anne.
For 1963—
Larsens, Mairita.
For 1964—
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—
Krieg, Lesley R.
(One-year Exhibition)
For 1960—
Smith, David A.
For 1963—
Lakin, Angela Mary
(One-year Exhibition)
For 1964—
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 £5. 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 £15, 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.

For 1964—
Mincham, Julian H.

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 £25 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 £25 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 £25, 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 1962—
Gurner, Ruth E.

For 1963—
Hodge, Geraldine Janice.

For 1964—
Mihailovich, Mira

For 1965—
Samels, Joy

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—
Hearne, Janice Lesley.

For 1959—
Annear, Gwenyth.

For 1962—
Bermingham, Jennifer A.

For 1965—
Aunger, Meredith Mary

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 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).

For 1965—
Greenlees, Alan W. (Oboe).
Mansfield, John D. (Bassoon).
Roose, Joannes M. (Flute).
Sinclair, Margaret J. (Clarinet).

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.

1954—Schramm, Kathryn.
1957—Stubbs, Ruth M.
1961—Hearne, Janice L.
1964—Finnis, Catherine M.

THE MAUDE PUDDY SCHOLARSHIP

RULES

Whereas the sum of £500 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.

2. The annual value of the Scholarship shall be £25, or such other sum as the Council may from time to time determine, and shall be applied towards tuition in pianoforte playing and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of Clause 8, the Scholarship shall be tenable for three years, but the Council, on the recommendation of the Director of the Elder Conservatorium, may extend the period of tenure.

4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the Scholarship shall lapse for one year, after which it shall be offered again. If the Scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition equal to the annual value of the Scholarship for one year to a student of the Conservatorium of outstanding merit.

5. Every candidate for the Scholarship shall pay an examination fee of £1 1s., and shall undergo such examination as the Council may approve.

6. No person who has previously held the Scholarship may be a candidate for it.

7. The Scholarship shall be awarded to the candidate who shows the greatest talent and promise in pianoforte playing, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the Diploma of Associate in Music or the course for the Degree of Bachelor of Music.

8. If a Scholar elect not to take the course for either the Diploma of Associate in Music or the Degree of Bachelor of Music, he shall be required to pass an examination in pianoforte at the end of each year of the Scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall decide otherwise. A Scholarship may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

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

10. These rules may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

Awards.

For 1955—Lindh, Carlene.
For 1958—Chappell, Glenys M.
For 1961—Madge, Geoffrey D.
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 postgraduate 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.
1964—Cann, Melvyn R.

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)
1965—Cummins, Margaret E. (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 £25 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 1961—Hunter, Norma.
For 1962—Hodge, Geraldine J.
For 1963—Harrison, Powell J.
For 1964—Patterson, Dean 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 1961—Hearne, Janice.
For 1962—Macpherson, Margaret
For 1963/64—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 Rural Credits Development Fund, the Wool Research Committee, the Wheat Industry Research Council, the South Australian Wheat Industry Research Committee, the Barley Improvement Trust Fund, the Australian Cattle and Beef 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 BIOCHEMISTRY AND SOIL SCIENCE.

ENTOMOLOGY.

PLANT PATHOLOGY (which includes Nematology and Soil Microbiology).

PLANT PHYSIOLOGY.

ANIMAL PHYSIOLOGY.

There is also a section of Biometry.

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 Director is Dr. F. Jacka.

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. During 1964, the Public Education Committee continued the activities in cancer education which it began early in the year.

The loan of films to voluntary organisations for showing at their regular meetings continues to be one of the most successful avenues of the Committee's work. The demand by women's organisations for the films on breast cancer and the smear test continues to be very heavy.

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 with facilities which include large Junior and Senior Common Rooms, Chapel, Library, Tutorial Rooms, Recreation and Music Rooms, and five grass tennis courts.

The College is governed by a Council 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, the University Oval, and other Colleges of the University. Students are thus enabled to have all their meals at the College, and incur a minimum of time and expense in attending lectures and other University activities. 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. Since its foundation the College has built up a fine all-round record in academic and other fields, with many winners of important prizes and scholarships.

The College provides religious services for its members, and through the Student Club encourages literary, dramatic, social and athletic activities.

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., M.A.C.E., 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, a spacious Dining Hall and Common Room built in 1960, and a building completed in 1963, which includes an Administration Centre, Common Rooms, Tutorial Rooms, and a Residential Block. Further residential accommodation for undergraduates and graduates will be completed in 1965.

The College buildings are situated in pleasant grounds with a view to the Mt. Lofty Ranges. The University is within ten minutes' walk from the College.

St. Ann's provides tutorials for members of the College. Non-residential students may affiliate with the College and attend tutorial classes.

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. Mrs. Ashley Magarey, B.A., 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., B.Ed., St. Ann's College, Brougham Place, North Adelaide, or by Mr. L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, 68 Grenfell Street, Adelaide.

AQUINAS COLLEGE

Aquinas College was incorporated in 1946 and by a statute of the University in 1947 was affiliated to the University as a Residential College under the auspices of the Roman Catholic Church for students of the University. In 1947, as a result of a public appeal, a substantial sum of money was collected, and in 1948 "Montefiore," just behind Colonel Light's Statue in North Adelaide, was purchased as a site for the College. This house was, for many years, the residence of the late Sir Samuel James Way, Chief Justice of South Australia for 40 years, and for 33 years Chancellor of the University. An additional two-storey building now containing 30 bed-study rooms was erected on the eastern side of Montefiore in 1950. In 1951, the property, 21 Strangways Terrace, was purchased. It now provides living quarters for the domestic staff. In 1953, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and after necessary alterations now houses the College kitchen, scullery, dining hall, chapel, conference room and some students' study-bedrooms. A new block of 27 bed-study rooms on the western side of Montefiore House was occupied at the beginning of 1960. In July, 1960, a new central block

united the eastern and western wings, and in 1964 a small two-storey block was added at 24 Palmer Place, comprising a domestic staff dining-room and sitting room, and seven study bedrooms. 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 in an academic community, the influence of the doctrine, ideals and sacramental life 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 privilges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of the University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, University of Adelaide. D.55/33.

RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

"That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic."

RECOGNITION BY THE ROYAL INSTITUTE OF CHEMISTRY

The Royal Institute of Chemistry has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. Candidates for the associateship, who hold an Honours degree in Chemistry of the University, may apply under regulation 9 (3) for exemption from the examination.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS

The Australian Society of Accountants will grant exemption from all the examinations of the Society to Bachelors of Economics of the University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities Yearbook* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 36 Gordon Square, London, W.C.1.

INTERNATIONAL ASSOCIATION OF UNIVERSITIES

The University is a member of the International Association of Universities, which was founded in 1950. One of its aims is "to promote academic co-operation at the practical level and in this way to provide useful services to University institutions throughout the world. . . ." The Association publishes the *International Handbook of Universities* which provides information on nearly 450 University institutions in 70 countries, as well as brief entries for over 1,000 other higher educational institutions. The *Handbook* may be consulted in the University Library, and copies may be obtained from the Secretary-General of the Association, 2 Place de Fontenoy, Paris VII, France.

THE INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

The Institute of Chartered Accountants in Australia will grant exemptions from the Institute's Preliminary examinations and both stages of the Intermediate examination to graduates of the University who hold the Bachelor of Economics degree, and who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economics II. Applications for exemption should be submitted to the State Registrar of the Institute, from whom further information may be sought.

THE JOSEPH FISHER LECTURE IN COMMERCE

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes. 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 L. F. Giblin, D.S.O., M.C., M.A.
*1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
*1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
*1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
*1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.
*1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
*1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
*1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
*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.
*1964—"Australian Foreign Aid Policy," by Professor H. W. Arndt, M.A., B.Litt.

*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, Jnr., 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.

1964—"Business and Bureaucracy," by Mr. N. S. Young, A.U.A., F.C.A.A., F.A.S.A.

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.
1965 Monetary and Fiscal Methods of Controlling the Economy.

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 1965, and their times, will be found on page 1021.

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.

1961	No award	1963	Kleinig, John W.
1962	Hackett-Jones, G. A.	1964	Fisher, Denis J.

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.

1961	Gibson, Edmund R. B.	1963	Doecke, Ian P.
1962	Colbey, Alison M.	1964	Bishop, Ronald J.

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.

1961	Woodroffe, Alison E.	1963	Guerin, Bruce
1962	No award	1964	No award

The John Howard Clark Prize.

This prize, of the value of about £25 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:

1961	Heuzenroeder, John M.	1963	Ellis, Roger M.
1962	Tideman, Margaret B.	1964	Bright, Ann

Scholars:

1945	Smith, Cecil Teesdale	1955	Tregenza, 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.

1961	Kinloch, Anne R. L.	1963	Gent, Margaret G.
1962	Cornell, Anthea M. I.	1964	Cameron, Heather M.

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.

1961	Disney, Shaun A. R.	1963	Makin, Robert J.
1962	Wilson, Derek F., LL.B.	1964	Lee, Michael J.

The Sir Archibald Strong Memorial Prize for Literature.

This prize, of the value of £25, 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.

1961	Ellis, Roger M.	1963	Rodger, Michael S.
1962	Disney, Shaun A. R.	1964	Gent, Margaret G.

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 £25 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.

1961	Woodroffe, Alison E.	1963	Disney, Shaun A. R.
1962	Ellis, Roger M.	1964	Parker, David H.

The Bundey Prize for English Verse.

This prize, of the value of £10, was founded by Miss E. Milne Bundey in memory of the late Sir Henry and Lady Bundey.

For conditions, see Statutes, Chapter XXXV.

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.

1950	Hansen, Ian Victor, B.A.	1961	Tidemann, Margaret B.
1957	Walsh, Elizabeth Jan, B.A.	1964	Healey, John D.

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 Ten Pounds (£10), 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.

1961 Davis, Isolda I. M. } equal
Marshall, Marilyn G. }
1962 Cornell, Anthea M. I.
1963 Bayer, Rosy
1964 Rawson, Janine A.

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.
1962 Cornell, Anthea M. I.
1963 Bayer, Rosy
1964 Rawson, Janine A.

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.
1962 Cornell, Christine H.
1963 Cornell, Anthea M. I.
1964 Della-Putta, Bice

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 £10, 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.

1961	Williams, Dawn E.	1963	Cornell, Christine H.
1962	McDougall, Jennifer M.	1964	Forrest, Anna M. 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.

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
1964 German I: Ruthenbeck, Anne Marie L. } equal
Kieslinger, Hans }
German II: Knuepffer, Edgar G. J. } equal
Urban, Evelyn }

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

Final Honours German: Dobberstein, Fred H. } equal
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.

1964—
Prizes:
German III: Wieland, Brigitte
Final Honours German: Kleinig, John W. } equal
McGowan, Ursula }
Award:
Kleinig, John W } equal
McGowan, Ursula }

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.
1951 Reed, T. Thornton, M.A.
1952 Elliott, B. R., M.A.
1953 Dutton, G. P. H., B.A.
1956 Renfrey, L. E. W., B.A.

The Tinline Scholarships for History and Politics.

Two scholarships of the value of £30, are offered annually. They were founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother. Until 1964, one scholarship only, of the value of £60, was offered in History.

For conditions, see Statutes, Chapter XXX.

Awards.

For previous awards, see Calendars from 1913.

1961 Buxton, Gordon L., A.U.A. (History)
1962 Haydon, Anthony P (History)
1963 Ramsay, Janet K. (History)
1964 Worden, Margaret A. (History)
Schultz, Lance F. (Politics)

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 £20 and known as the Natalia Davies Prize.

2. The prize shall be available for award annually to the undergraduate in his first year of University enrolment, who shall be deemed by the examiners to be the most meritorious matriculated 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.

1961 Worden, Margaret A.
1962 Cornell, Anthea M. I. } equal
Rodger, Michael S. } equal
Swain, Ian H. F. } equal
1963 Ketley, Christopher L.
1964 Rogers, Ronald D.

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.

1961 Gould, Ian M.
1962 Puckridge, James T. W.
1963 Lawson, Henry W.
1964 Hannan, Myles B. } equal
Rigby, Kenneth } equal

The Jefferis Memorial Medal.

RULES

Whereas the sum of fifty pounds has been paid to the University for the purpose of providing a medal in honour of the Rev. James Jefferis, LL.D., who was closely associated with the University from its foundation till his death in 1918: It is hereby provided that—

1. There shall be a medal to be awarded annually, and called the Jefferis Medal.

2. It shall be awarded for distinction in the study of Philosophy, and it shall not be awarded except for work of high merit.

3. Provided that in the opinion of the Professor of Philosophy the essay is of sufficient merit the Medal shall be awarded each year to the 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.

1961 Mills, John S., B.E.
1962 Melville, Susan
1963 No award
1964 Cann, Melvyn R.

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.

1961 Hume, Beryl M., B.A., Dip.Ed.
1962 McNicol, Donald
1963 Robertson, Leith S.
1964 Tilby, Penelope J.

The Anna Florence Booth Prize.

This prize, of the value of £35, 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.
1943 Knauerhase, Oscar Carl, B.A.
1947 Worthley, Boyce Wilson, B.A., M.Sc.
1948-64 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.

1961 Clark, Brian R., B.Sc.
1962 Heinrich, Alison M.
1963 Ramsay-Matthews, Graham
1964 Beckwith, Robert J.

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.

1961 Endersbee, Rosslyn J.
1962 Boehmer, Sonya A.
1963 Hocking, Peter W.
1964 Strachan, Helen S.

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.

1961	Edmonds, Thomas J.,	1963	Boehmer, Sonya A.) equal
1962	Crick, Beverley J.		Day, Christine J.)
		1964	Searle, Glen H.

The New Education Fellowship Prize in Education

RULES.

Whereas The New Education Fellowship (South Australian Section) has agreed to provide an annual prize to encourage the post-graduate study of Education, the following Rules are hereby made:—

1. The prize shall be called "The New Education Fellowship Prize in Education."

2. The value of the prize shall be £20.

3. The prize shall be awarded each year to the student who, in that year, qualifies for the award of the Diploma in Education and has achieved the best results in the examinations for the Diploma, provided that he has taken not more than two years to complete the examinations and provided also that no award shall be made if no candidate is deemed of sufficient merit.

4. The award shall be made by the Council on the recommendation of the Faculty of Arts, after the Faculty has received advice from the Professor of Education.

D.1587/64.

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 Bundey, Mus. Bac., bequeathed the sum of £1,236 for the purpose of founding a scholarship for the encouragement of original research in Botany or Forestry. The scholarship is of the value of £120, and is offered in alternate years.

For conditions, see Statutes, Chapter XLIII.

Awards.

For previous awards, see Calendars from 1930.

1955 Burns, Erica Marian
1957-61 No award.
1962 Millard, Diane L.
1963 Gordon, Elizabeth M.

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.

1961 Mitchell, Graham F.
1962 Grivell, Anthony R.
1963 Brooks, David E.
1964 Quinn, Patrick J.

Medal.

1940 Mercer, Frank Verdun
1964 Nunn, Christine E.

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.

1961 Millard, Diane L.
1962 No award.
1963 Smyth, David R.
1964 Woidt, David F.

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.	1964	No award.

The Rennie Scholarship.

In 1930 the sum of £320 was raised by public subscription to establish a scholarship for research in Chemistry in memory of the late Edward Henry Rennie, formerly Angas Professor of Chemistry. The scholarship is of the value of £50, and, provided that there is a candidate of sufficient merit, is awarded triennially.

For conditions, see Statutes, Chapter LIII.

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 was paid to the University for the purpose of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, it is hereby provided that:—

1. A medal to be called The Tate Memorial Medal shall be awarded annually to the candidate who, in the opinion of the examiners, submits the best thesis on original work as part of the annual examination for the Honours degree of B.Sc. in Geology.

2. No award shall be made in a year in which, in the opinion of the examiners, there is no candidate whose thesis is of sufficient merit.
D.747/56.

Awards.

For previous awards, see Calendars from 1932.

1954	Chinner, Graham A.	1956	Daily, Brian, B.Sc.
1955	No award	1957-64	No award.

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 £150 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.

D.789/57.

Awards.

For previous awards, see Calendars from 1954.

1960	No award.	1962	Kirk, Alexander C.
1961	Slade, Phillip G.	1963	Yong, Swee Kee

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 £5, 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.

1961	Davis, Bruce R., B.E.	1963	Summerfield, William C.
1962	Pearson, Kenneth T. } equal Worley, Roderick T. }	1964	Clarke, Robert J.

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:	
1961	Chandler, Bruce S.	1961	Bishop, Peter J. } equal
1962	Barrow, Kevin D.		Collins, David A. }
1963	Redmond, John W.	1962	Phillips, Colin R.
1964	Jackson, Mervyn B.	1963	Jansen, Malcolm L.

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.	1964	Smith, David R.
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.

Awards.

1963 Pemberton, Russell E. 1964 No award

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., B.Sc.

1964—
Physics I: Martin, Lynette R. }
Muirhead, Robb J. } equal
Urch, Ian H. }
Physics II: Lewis, Brenton R.
Physics III: Bracken, Anthony J.
Physics IV: McAvaney, Bryant J.

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 £15, 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.

1961 Richardson, Noel L.
1962 No award
1963 Haas, Christine P. } equal
Wauchope, Mary R. }
1964 Dube, Alan J.

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.

1960 Puckridge, Donald W.
1961 Rathjen, Anthony J.
1962 Richardson, Noel L.
1963 Nancarrow, Colin D.

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.
1964 Robinson, James B., B.Ag.Sc.

FACULTY OF ENGINEERING.

The Angas Engineering Scholarship.

The Hon. J. H. Angas founded a scholarship of the value of £200 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII.

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.
1959	Kelly, Robert J., B.E.	1963	Fryer, Colin W., B.E. } equal 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.

1961	Brooke, William J. L.	1963	Smith, Neil I.
1962	Colebatch, Phillip M.	1964	Noble, Kenneth J.

The Sir Robert Chapman Prize.

This prize was founded by former students of Sir Robert William Chapman, C.M.G., M.A., B.C.E., M.I.E. (Aust.), first professor of Engineering, and for fifty years a teacher in the University, in his honour. It consists of a printed reproduction of the portrait of Sir Robert Chapman and the sum of £10/10/-; and it is awarded on the results of the annual examination in Strength of Materials.

For conditions, see Statutes, Chapter LX.

Awards.

For previous awards, see Calendars from 1943.

1961	Brown, Garry L. } equal Smith, Bernard M. }	1963	Moxham, Kenneth E.
1962	Lee, Huat Chye (Jeffrey)	1964	Dac, Dang Quy } equal Foley, Shane P. }

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.

1961	Gunaratnam, Daniel	1963	Parkin, John W.
1962	No award	1964	Tozer, Barry A.

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 on the recommendation of the Professor of Civil Engineering to the matriculated student in the course for the degree of Bachelor of Engineering who passes in the subject Civil Engineering IIB and who submits as part of his work in that subject the best design of a Welded Steel Structure provided that he is of sufficient merit.

Awards.

1961	Stokes, Roger D.	1963	Fluk, Otto
1962	Maitland, Ian B. G.	1964	Doherty, Lindsay E.

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.	1964	Lim, Thuan Khee

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 £5 shall be awarded annually to the student who shall most distinguish himself in the annual examination in Ore-dressing, provided that he is of sufficient merit.

2. The prize shall be awarded in books, for which a special bookplate will be provided.

Awards.

For previous awards, see Calendars from 1949.

1961	No award	1963	Mitchell, Alan
1962	Fryer, Colin	1964	Johnstone, David I.

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.

1961	Smith, Bernard M.	1963	Barker, Dean E. } equal
1962	Lee, Huat Chye (Jeffrey)		Smith, Andrew B. }
		1964	Lange, Volker W.

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 examina-

tion 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.

1961	Cooper, Dennis N.	1963	Lee, Huat Chye (Jeffrey)
1962	Smith, Bernard M.	1964	No award

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.

1961	Ooi, Boon Teck	1963	Kimber, Maxwell J.
1962	Rehn, Peter F.	1964	Barter, Christopher 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.

1961	May, Kevin R.	1963	Sydenham, Peter H.
1962	No award	1964	Devitt, Brian J.

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.

1961	Haskard, Donald L.	1963	Chan, Siew Hung
1962	Patterson, Dean J.	1964	Zimmerman, Werner

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.

1961	Cooper, Dennis N.		1963	Green, Leslie C.
1962	Kershaw, Allan J. }	equal	1964	Robert, John D.
	Smith, Bernard M. }			

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.

1961	Leigh-Jones, Peter }	equal	1963	Smith, Andrew B.
	Smith, Bernard M. }		1964	Lange, Volker W.
1962	Lee, Huat Chye (Jeffrey)			

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.

1961	Vladcoff, Adrian N.	1964	Flavel, Warren L. }	equal
1962	Cooper, Dennis N.		Lee, Huat Chye }	
1963	Drewer, Peter C. } equal			
	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.

1961	Cooper, Dennis N.	1963	Flavel, Warren L.
1962	Drewer, Peter C. } equal	1964	Webster, Ashley D.
	Smith, Bernard M. }		

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)
For 1965 Lees, Maxwell L

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.
1960 Inglis, Geoffrey R.
1961 Hale, Malcolm R.
1962 Flower, Ian C.
1963 Brown, Garry L.

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 Engineering 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.

1961	Flower, Ian C.	1963	Welford, John P.
1962	Brown, Garry L.	1964	H'ng, Hung Cheng

Chemical Engineering.

1963	Arthur, Neill F.	1964	Gehan, Kevin

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.

1961	No award	1963	Story, Michael J.
1962	Fryer, Colin	1964	Isaachsen, Oscar A.
	Rogers, Peter L.		

The Albright and Wilson Prize in Chemical Engineering Design.

Whereas Albright and Wilson (Australia) Pty. Ltd. have agreed to provide the sum of £31/10/- a year for the purpose of providing a prize in Chemical Engineering Design, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering Design, of the value of £31/10/- and to be known as the Albright and Wilson Prize in Chemical Engineering Design, shall be offered annually.

2. To be eligible for the prize, a student shall have completed the academic work for the degree of Bachelor of Engineering in Chemical Engineering.

3. The prize shall be awarded to the matriculated student in the course for the degree of Bachelor of Engineering who passes in Process Engineering IIID and who, in the opinion of the Head of the Department of Chemical Engineering, submits as part of his work in that subject the best design project.

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.

1961	Bishop, Peter J.	1963	Roberts, Terence J.
1962	Fryer, Colin	1964	Rowe, James W.

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.

1961 Fryer, Colin
1962 Story, Michael J.
1963 Isaachsen, Oscar A.
1964 Arthur Neill F.

The Esso Prize for Engineering Materials.

Whereas Esso Standard Oil (Australia) Ltd. has agreed to provide an annual prize in Engineering, the following rules are hereby made:

1. The prize shall be called "The Esso Prize for Engineering Materials."

2. The prize shall be of the value of £20.

3. The prize 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 Materials provided that in the opinion of the examiners he is of sufficient merit.

Award.

1964 Sutton, John M.

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.

1962 Haynes, Jennifer M.
1963 Doyle, John J.
Doyle, Margaret C.
Ligertwood, Andrew L. C.
Lindell, Geoffrey J.
Prox. acc.
Haynes, Jennifer M.
1964 Doyle, John J.
Doyle, Margaret C.
Lindell, Geoffrey J.
McDonell, Ian P.
Prox. acc.
Beatty, James D. J.

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.
1965 Lindell, Geoffrey J.

The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £12 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.

1961 Lindell, Geoffrey J.
Von Doussa, John W.
1962 Haynes, Jennifer M.
1963 Duggan, Kevin P.
Doyle, John J.
1964 Doyle, John J.
Doyle, Margaret C.

The R. W. Bennett Medal and Scholar

Every winner of three R. W. Bennett Prizes is entitled to receive a bronze medal and the title of R. W. Bennett Scholar.

Awards.

1950 White, James Michael
1953 Wilson, Ian Bonython C.
1960 Finnis, John M.

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.
1933 Wynes, William A., LL.B.
1937 Bray, John J., LL.D.
1956 O'Connell, Daniel Patrick, B.A., LL.M., Ph.D.
1962 Howard, Colin, LL.M.

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.

1961 Finnis, John M.
1962 No award
1963 Detmold, Michael J.
1964 Lindell, Geoffrey 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 Battation, A.I.F., sometime student of Law in this University, who was killed in action at Gona, New Guinea, on 29th November, 1942, it is hereby provided that:

1. There shall be a prize to be known as The Justin Skipper Prize.

2. The prize shall be of the value of £7/10/- 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.

1961	Finnis, John M.	1963	Detmold, Michael J.
1962	No award.	1964	No award.

The Thomas Gepp Prize.

Rules.

Whereas the late Florence May Pontt has bequeathed to the University the sum of £200 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize of the value of £10, 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.

1961	Von Doussa, John W.	1963	Detmold, Michael J.
1962	No award	1964	Lindell, Geoffrey J.

The Roy Frisby Smith Prize.

Rules.

Whereas Mrs. Margaret Casley Smith and her son John Royle Casley Smith have given to the University the sum of £1,000 to establish in memory of the late Roy Frisby Smith a prize in Law and in particular in Company Law or in the event of such prize not being in any year awarded otherwise to further and encourage the study of Company Law in the University it is hereby provided that:

1. A prize, to be called the Roy Frisby Smith Prize, shall be offered for award annually.

2. Until the Council otherwise decides the value of the prize shall be £50.

3. The prize shall be awarded to the matriculated student in the Faculty of Law who in the annual examination in the subject Mercantile Law II or in such other subject as may from time to time in the opinion of the Faculty of Law require the most advanced knowledge of Company Law is awarded the highest marks, provided that no prize shall be awarded unless the said student shall have been awarded a Distinction in that subject.

4. Should in any year the prize be not awarded it shall be lawful for the Faculty of Law to authorise the expenditure of a sum being not greater than that offered for award as a prize in that year in any ways or ways or for any purpose or purposes which will in the

opinion of the Faculty best further and encourage the study and advancement of Company Law in the University.

5. These rules may be varied from time to time, but the general purposes of the gift shall not be thereby changed.

Award.

1964 Lindell, Geoffrey 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 £45, 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.
1961 Gill, P. Grantley
1962 Craig, Ian H.
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.

1961 Gill, P. Grantley
1962 Craig, Ian H.
1963 Coleman, Mark
1964 Heddle, Robert J.

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 £25 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.

1961	Sage, Michael R.	1963	Gill, P. Grantley
1962	No award owing to changed conditions.	1964	Craig, Ian H.

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	1964	Craig, Ian H.

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.

Awards.

1963	Henderson, Douglas W.	1964	Gill, P. Grantley

The Dr. Davies-Thomas Scholarships.

RULES.

Whereas Mrs. Davies-Thomas has given to the University the sum of £600 for the purpose of founding two scholarships in the medical course to be named after the late Dr. Davies-Thomas, the following rules are hereby made:

1. The scholarships shall be called the Dr. Davies-Thomas Scholarships.

2. The value of each scholarship shall be £15.

3. The scholarships shall be awarded to the student in each of the First Professional and Second Professional Examinations of the medical course who is placed first in the list of candidates who pass with distinction.

Awards.

For previous awards, see Calendars from 1911.

1961	Third-year Examination: Handley, Douglas V. Fifth-year Examination: Sage, Robert E.	1963	Third-year Examination: Gill, P. Grantley Fifth-year Examination: Lumbers, Eugenie R.
1962	Third-year Examination: Pearlman, Helen R. Fifth-year Examination: Pellew, Catherine A.	1964	Third-year Examination: Craig, Ian H. Fifth-year Examination: Hersey, Peter

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 Second Professional 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.

1961	Sage, Robert E.	1963	Luke, Colin G.
1962	Pellew, Catherine A.	1964	No award

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 £5 and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the final 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.

1961	Lawton, John W. M.	1964	Hersey, Peter } equal	
1962	Turnbull, John W.		Disney, Alexander }	
1963	Munro, David R.		P. S.	

The Archibald Watson Prize.

Rules.

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, the following rules are hereby made:

1. The prize shall 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 £8.

3. 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, shows the greatest merit in Surgical Anatomy; 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.

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

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

Awards.

For previous awards, see Calendars from 1942.

1961	Broinowski, Helen M.	1963	Pellew, Catherine A.
1962	Dean, Harry M. } equal	1964	Paull, Andrew
	Walsh, John 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.

1961	Lochert, Roslyn M.	1963	Switajewski, Christopher A.
1962	Rogers, John M.	1964	Perriam, Donald J.

The Everard Scholarship.

This scholarship, founded by the late William Everard, is of the value of £50, 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.

1961	Vlahakis, Emmanuel	1963	Morris, Lloyd L.
1962	Graham, John R.	1964	Lumbers, Eugenie R.

The Lister Prize.

RULES.

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, the following rules are hereby made:

1. The prize shall be called the Lister Prize.
2. It shall consist of a bronze medal and the sum of £5.
3. The prize shall be awarded annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the sixth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the prize shall be made in that year.
4. The prize shall not be awarded twice to the same person.
5. The examiners shall be 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 as surgical dressers.

Awards.

For previous awards, see Calendars from 1939.

1960	Mansfield, Joseph J.	1963	Roman, Desmond, B.Med.Sc
1961	King, Tania L.	1964	No award.
1962	Morris, Lloyd L.		

A.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the Australian 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 sixth 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.

1961	Broinowski, Helen M.	1963	Morris, Lloyd L.
1962	Graham, John R.	1964	Luke, Colin G.

Frank S. Hone Memorial Prize.

RULES.

The Australian Medical Association (S.A. Branch) having undertaken to provide an annual prize of the value of £15/15/- in memory of the late Dr. Frank S. Hone, the following rules have been made:

1. The prize shall be known as the Frank S. Hone Memorial Prize.

2. The prize shall be paid direct to the prizewinners by the Association on notification by the University of the award.

3. The prize shall be awarded annually to the student who, at Part II of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November, gains the highest place in the subject Medicine; provided that an award shall not be made unless the candidate concerned has also passed the whole of the Final Professional Examination and is regarded by the Board of Examiners as being of sufficient merit.

D. 1012/51.

Awards.

For previous awards, see Calendars from 1953.

1961	Barter, Ian W.	1963	Basten, Antony
1962	Graham, John R.	1964	Lumbers, Eugenie R.

The Sir Trent Champion deCrespigny Memorial Prize.

The Council has accepted the offer of the Australian 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 the subject Medicine; 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 Australian 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.	1964	Paull, Andrew

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:	
1961	Vlahakis, Emmanuel		1961	Glinka, Natalie
1962	Sage, Robert E.		1962	Graham, John R.
1963	Talbot, Judith A.	equal	1963	Morris, Lloyd L.
	Turnbull, John W.		1964	Lumbers, Eugenie R.
1964	Peacock, Morris J.			

The Mead Johnson Paediatric Prize.

The Council having accepted the offer of Mead Johnson Pty. Ltd., to provide an annual prize of £26/5/- in paediatrics in the medical course, the following rules are hereby made:

RULES.

1. The prize shall be called "The Mead Johnson Paediatric Prize."

2. The prize shall be awarded to the student who, at Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November,

(a) is placed first amongst those candidates who obtain in that section of the examination in Paediatrics that relates to Medical Diseases of Children, marks at least equal to the minimum standard required for a Pass with Distinction in the whole of the Final Professional Examination; and

(b) passes at the same time in the whole of the Final Professional Examination.

D.1546/64.

The Carnation Company Award in Paediatrics.

The Council having accepted the offer of the Carnation Company Pty. Ltd. to provide an annual prize of £21 in paediatrics in the medical course, the following rules are hereby made:

RULES.

1. The prize shall be called "The Carnation Company Award in Paediatrics."

2. The prize shall be awarded to the student at Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November who,

(a) in that section of the examination in Paediatrics that relates to Medical Diseases of Children obtains marks at least equal to the minimum standard required for a Pass with Distinction in the whole of the Final Professional Examination; and

(b) of those candidates who satisfy condition (a), obtains the highest aggregate of marks in the whole of the Final Professional Examination.

D.1547/64.

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.

1961	Ng, Boon Gim	1963	Switajewski, Christopher A.
1962	Whittenbury, Barry M.	1964	Peacock, Morris J.

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'ld.), F.D.S. (R.C.S.).
1961 Cameron, Malcolm E., M.B., B.S., (Q'ld.), D.O. (Lond.), and Wilson, Brian G., M.B., B.S. (Q'ld.), 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	1964	Perriam, Donald J.

The Ruth Heighway Memorial Prize.

The sum of £700 having been subscribed by the friends and colleagues of the late Frieda Ruth Heighway, M.D., F.R.C.O.G., for the purpose of endowing a prize in Obstetrics to perpetuate her memory, and the Council having accepted the said sum for the purpose, the following rules are hereby made:

Rules.

1. The prize shall be known as "The Ruth Heighway Memorial Prize."

2. The prize shall be offered for award annually to the student who, at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery:

(a) is placed first amongst eligible candidates in the part of the examination relating to Obstetrics;

(b) obtains marks in that part of the examination at least equal to the minimum standard required for a pass with distinction in the whole examination; and

(c) passes at the same time in all other subjects of the final examination.

3. Until the Council decides otherwise the value of the prize shall be £35.

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

D.1534/64.

Award.

1964 Perriam, Donald J.

The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of £25 to the candidate placed first in Gynaecology at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the Final Examination, and obtains in Gynaecology marks at least equal to the minimum standard required for a Pass with Distinction in the whole examination.

Awards.

For previous awards, see Calendars from 1958.

1960 Woolcock, Ann J.

1961 Glinka, Natalie

1962 Graham, John R. } equal
King, Tania L. }

1963 Kirwan, Colleen J, B.Sc.

1964 Mykyta, Ludomyr J. } equal
Paull, Andrew }

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.

Awards.

1963 Morris, Lloyd L.

1964 Lumbers, Eugenie R.

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 Otology.

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:		Senior Prizes:	
1961	Lloyd, John V.	1960	Charnock, John S., B.Sc.
1962	Handley, Douglas V.		Cheah, Dolly, B.Sc.
1963	Pearlman, Helen R.		Porter, Reginald B., M.Sc.
1964	Roberts-Thomson, Mary E.	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 £150 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.
1958-9 Lawrence, James R., M.B., B.S.
1960 Savage, Joseph P., M.B., B.S.
1961 No award.
1962 Aldor, Thomas A. M., M.B., B.S.
1963 Hoffmann, Mervyn J., M.B., B.S.
1964 Murrell, Timothy G. C., 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 £6 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
1961 Chau, Kai Kin
1962 No award
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.
1961 No award
1962 Chau, Kai Kin
1963 No award
1964 Ielasi, Anthony

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.
1961 No award
1962 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.

Awards.

1963 Chau, Kai Kin 1964 Moore, Grahame J.

The Faulding Scholarship in Dentistry.

RULES

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

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

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

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

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

The Dental Board of South Australia Research Scholarship.

RULES

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

1. The scholarship shall be called The Dental Board of South Australia Research Scholarship.

2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.

3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.

5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.

6. Within the financial provision made available from time to time by the Dental Board of South Australia, the University may award more than one scholarship at any one time.

Awards.

1950 Plummer, Alexander P., B.D.S.
1958 Sims, Milton R., B.D.S.
1963 Wei, Hon Yin, Stephen

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 £5 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.

1961 Taylor, Gregory F.
1962 Boyce, Robert W., B.E.
1963 Caton, Christopher N.
1964 Dyki, Andrew P.

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.

1961 Dahlberg, Dane L.
1962 Browne, Christopher M. } equal
Harries, Robert I. }
1963 Rohrsheim, Geoffrey C.
1964 Round, David K.

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.

1961 Leane, Peter A.
1962 Browne, Christopher M.
1963 Teoh, Eng Hong
1964 Chua, Wee Meng

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.

1961	Griffiths, Peter R.	1963	Young, Ian C.
1962	Leane, Peter A.	1964	Struenkman, Uwe

Prize in Economic Statistics I.

1963	Solomon, Peter L.	1964	Round, David K.

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.

1961	Blandy, Richard J., B.Ec.	1963	Dahlberg, Dane L.
1962	Davis, Robert W.	1964	Porter, Michael G.

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
1951 Wheaton, Roger Phillip
1955 Martin, Ian S.

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
1946 Noblett, Peter
1954 Wilson, Geoffrey Palmer
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.

1961 No award
1962 Leane, Peter A.
1963 Browne, Christopher M.
1964 Fairbairn, David F.

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.

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)
1964 Pascoe, Graeme L. (Elements of Accounting)
Mitchell, Geoffrey B. (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.

1961 Boyce, Robert W., B.E.
1962 Fairbairn, David F.
1963 Smith, Adrian M., B.Ec.
1964 Dall, Dennis J.

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.
1961 Trumble, Hugh P. C., B.Ag.Sc.
1962-63 No award
1964 Koukoulas, Anthony G.

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.

1961 Hauser, Robin
1962 Lee, Wan-Ping
1963 Atkinson, Janet M.
1964 Robinson, Jannette E. 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.

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)

1964 Lloyd-Jones, Gavin R. (Architectural Design and Planning I).
Woodhead, William R. } equal. (Architectural Design and Planning II)
Lentakis, John }
Bate, Brian G. (Architectural Design and Planning III)
Kazanski, Dimitri (Building Construction I and Building Science I)
Lentakis, John (Building Construction II and Building Science II)
Jones, Martin (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	1964	Fritzsche, Janet M. Miller, Ian R. W.	equal

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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.

1961	Chapple, Margaret A.	1963	Phillips, Julie G.
1962	Showell, Jacqueline M.	1964	Heaver, Merron C.

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.
1964 Business Management: Prosser, Victor A. } equal
Trimmer, Ray B. }
Economic Statistics II: Mules, Trevor J.
Engineering Management: Welford, John P.

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 1963:

Huppatz, John L., B.Sc. (A)
Ramsay, George C., B.Sc. (A)
Daniels, Verna K., B.A.
Gibson, John K., B.A. (B)
Lee, David H., B.Sc. (B)
Tidemann, Margaret B., B.A. (B)
McNicol, Donald (B)
Mills, Kenneth W., B.Sc. (B)
Cavenett, Brian C., B.Sc. (A)
Antcliffe, Gault A., B.Sc. (A)

For 1964:

Ellis, Roger M. (B)
Tiver, Peter G., B.A. (B)

For 1965:

Guerin, Bruce, B.A. (B)
Pemberton, Russell E., B.Sc. (B)
Porter, Michael G., B.Ec. (B)
Worden, Margaret A. (B)

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 Scholar-

ships 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 £70 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).

Law:

1960 Kelly, David St.L., LL.B.

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.

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.

1964 Elix, John A., B.Sc.
Swann, John C., B.Sc.
1965 Elix, John A., B.Sc. } awarded for
Swann, John C., B.Sc. } second year

The Baillieu Research Scholarships.

Whereas the University has received a sum of money under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, for the purpose of establishing and maintaining in perpetuity within the University a scholarship or scholarships, the following rules are hereby made:

1. Two Scholarships, to be known as the Baillieu Research Scholarships, shall be available annually.

2. The value of each Scholarship shall be £75 a year, or such other sum as the Council may from time to time determine, and shall be paid to the Scholar in three equal instalments, one at the beginning of each term.

3. Each Scholarship shall be tenable for one year in the first instance, but may be renewed for a second year and, in exceptional cases, for a third year, but not longer.

4. Any graduate of the University who desires to conduct within the University postgraduate research in Medicine, Law, Commerce, Economics or Architecture, and whose research proposals are satisfactory to the Head of the Department concerned, shall be eligible for a Scholarship.

5. Where a candidate, eligible under Rule 4, is the lineal descendant of an Australian soldier, sailor or airman who, as the result of an occurrence happening during the period he was a member of the Forces, has died or has been blinded or has been permanently and totally incapacitated, he shall be awarded a Scholarship without regard to the merits of other candidates.

For the purposes of this rule:

(a) a member of the Forces shall be deemed to have been blinded if his eyesight is so defective that he has no useful sight; and

(b) a member of the Forces shall be deemed to have been permanently and totally incapacitated if he has been incapacitated for life to such an extent as to be precluded from earning other than a negligible proportion of a living wage.

6. Every application for an award—including, in the case of a Scholarship holder, any application for renewal—must be made through the Head of the candidate's Department, and should reach the Registrar by October 31. It should include full details of the proposed research and of the arrangements made or to be made for carrying it out.

7. All awards shall be made by the Council, on the recommendation of either the General Research Committee or the Medical Research Committee. If at any time there are more recommendations than available Scholarships, the Council shall choose between the recommended candidates.

8. If in any year a Scholarship is not awarded, such Scholarship may be awarded as an additional Scholarship in any subsequent year.

D. 350/51.

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.

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.
1964 Science—Allison, Graham B., B.Sc.
Law—Lunn, Robert M.
Arts—Guerin, Bruce
McGowan, Ursula

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 XVIb.

Awards.

For previous awards, see Calendars from 1960.

1952	Webber, Ian Ernest	1961	Sanders, David A.
1957	Woods, Meredyth Tenison-	1964	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 1965 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.

D.1517/60.

Awards.

For previous awards, see Calendars from 1911.

1956	Klaebe, Kenneth Eric	1960	Gibson, Edmund R. B.
1957	Perriam, Donald J.	1961	Clarke, Robert J.
1958	Elix, John A.	1962	Lewis, Brenton R.
1959	Gersch, Nerida F.	1963	Martin, Lynette R.

Commonwealth Scholarships.

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. Commonwealth Scholarships may be used for both full-time and part-time study. Students contemplating taking a course on a part-time study basis should consult the Scholarships Section before making a final decision.

In South Australia, the bulk of Commonwealth Scholarships are awarded on the results obtained in the applicant's best five Leaving Examination papers taken at one time. These Scholarships are known as Open Entrance Scholarships. In general, applicants must reside in Australia with their parents, and must be under 25 years on the 1st January of the year in which they intend to commence their course, irrespective of when they sat for the Leaving Examination. In considering an application, regard will be had to any previous study undertaken by the applicant in courses approved under the Scheme, or in similar courses overseas. Commonwealth Scholarships are NOT awarded on Leaving Honours results and results of the Leaving Supplementary Examinations are NOT counted.

A successful applicant may request deferment for 12 months to take Leaving Honours or for other approved reasons. A second year of deferment may be granted on written request to the Scholarships Officer. The request must contain full details of the reason for seeking a second year of deferment. However, it MUST be understood that a successful applicant who contemplates a degree course, and who is NOT MATRICULATED at the time of gaining a Scholarship can NOT defer the Scholarship in order to MATRICULATE. In such

a case, the applicant would have to agree to undertake a course not requiring Matriculation, or relinquish his Scholarship.

An applicant must fulfil the entrance requirements for his chosen course before he can use his Scholarship. Anything of a general nature can be completed during a year of deferment. However, matriculation can NOT be completed during deferment.

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 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.

A Scholarship may be used for any approved single or combined course in Australia for which the applicant is qualified. In South Australia the approved courses are:—

THE UNIVERSITY OF ADELAIDE—All First Degree Courses, including Technology and Applied Science, most University Diploma courses and some combined courses. Details of the approved combined courses and selection for them can be obtained from the Scholarships Section.

S.A. INSTITUTE OF TECHNOLOGY—

ADELAIDE—Associate Diploma Courses in Accountancy, Architecture and Business Administration, and the Diploma in Home Science.

WHYALLA—Associate Diploma Courses in Chemistry, Electrical Engineering, Mechanical Engineering, Metallurgy and Naval Architecture.

PORT PIRIE—Associate Diploma in Primary Metallurgy.

S.A. SCHOOL OF ART—Diploma Courses in Advertising Art, Fine Arts (Painting) and Fine Arts (Sculpture).

KINDERGARTEN TRAINING COLLEGE—Diploma of the College.

ROSEWORTHY AGRICULTURAL COLLEGE—Diplomas in Agriculture and Oenology.

BOARD OF OPTICAL REGISTRATION—Optometry.

TEACHER TRAINING COLLEGES OF THE S.A. EDUCATION DEPARTMENT—Teacher Training Courses. A Commonwealth Scholarship may be used with the approval of the Scholarships Board to undertake a Teacher Training Course as a private student.

A Scholarship can be continued for an Honours degree for a student accepted for an Honours course by the University. Application to have a scholarship extended to cover the Honours year must be made to the Scholarships Section.

Commonwealth Scholarships involve certain minor obligations during training, but there is NO obligation to serve the Commonwealth Government on completion of the course.

Commonwealth Scholarships pay for most compulsory fees, but do not cover fees for residence, excursions, books or instruments. Fees may be paid if they are less than £10 when—

(a) They are more than £10 in the first year, but become less than £10 in a subsequent year.

(b) The total of living allowance and fees exceeds £10.

Provision is made for reimbursement of the fare in excess of £2/10/- for a single journey, or £5 for a return journey at student concession rates, incurred by a student in travelling to or from his home each long vacation or at the commencement or conclusion of his course.

Subject to a means test, a Commonwealth scholar who is a full-time student may qualify for a living allowance. In 1965, the maximum living allowance will be £396/10/- for a student living away from home, and £260 for a student living at home. The maximum living allowance will be payable where the "adjusted family income" amounts to £1,000 or less. The "adjusted family income" consists of the gross income of the father and mother for the previous financial year, less £150 for each child under 16. The maximum living allowance is decreased by 4/- for each £1 by which the adjusted family income exceeds £1,000 between £1,000 and £2,000 and by 6/- for every £1 above £2,000.

Where the income is from business or property, the gross income is the total income of the father and mother, less those deductions of annual expenditure on the income-producing property or business which are allowed by the Taxation Department.

A higher amount than normal may be paid to a Scholar who has brothers or sisters undertaking a full-time tertiary course. Also, the death or retirement of the father may entitle a scholar either to a living allowance (if previously ineligible) or to an increased allowance.

Certain deductions may be made from living allowance on account of other awards. The first £130 of other awards is disregarded, but the balance is deducted from the living allowance entitlement. Earnings in the long vacation are disregarded, but earnings during term and short vacations are taken into account when they exceed £2/10/- a week. Other awards are treated as earnings.

Mature age, married and other independent scholars are paid under different provisions and details can be supplied on request.

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 31st August 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 Section 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 post-graduate research in which he wishes to work, and a statement of other awards which are held or are being applied for.

Awards for 1963.

Binks, Jennifer A., B.A.
Carmichael, Keith E., B.E.
Cavenett, Brian C., B.Sc.
Cooper, Dennis N., B.E.
Dainis, Andrew, B.Sc.
Flower, Ian C., B.E.
Fong, Lian Hern, B.Sc.
Guy, Robert W., B.Sc.
Haddad, Gerald N., B.Sc.
Hartwig, Robert E., B.Sc.
Hooper, Andrew W., B.Sc.
McAnaney, Janet, B.Sc.
Morgan, Garth A., B.E.
Morrissy, Noel M., B.Sc.
Mulcahy, Dennis E., B.Sc.
Paul, David B., B.Sc.
Phillips, Colin R., B.E.
Richardson, Alan J., B.A.
Slade, Phillip G., B.Sc.
Smith, Robert F. I., B.A.
Taylor, Brian K., B.Ag.Sc.
Virgo, David, B.Sc.
Wege, Dieter, B.Sc.
Wigley, Tom M. L., B.Sc.

Awards for 1964.

Acott, Brenton, B.Sc.
Adams, Jeremy S., B.E.
Anderson, Ian R., B.Sc.
Bennett, Brian T., B.Sc.
Cutten, Dean R., B.Sc.
Dingle, Roderick E., B.Sc.
Dolan, David S.
Doyle, Elizabeth M., B.Sc.
George, Robin J., B.Sc.
Gower, Stephen N.
Kirk, Alexander C., B.Sc.
Mills, Richard A., B.Sc.
Parsons, Peter G., B.Sc.
Quartly, Marian
Ramsay, Janet K.
Seneta, Eugene, B.Sc.
Tanzer, Christian I., B.Sc.
Teubner, Peter J. O., B.Sc.
Thomas, Lindsay, B.Sc.
van Bronswyk, Wilhelm, B.Sc.
Williams, Kevin G., B.Sc.
Wyatt, David F.

Awards for 1965.

Allison, Graham B., B.Sc.
Bailey, Lindsay F., B.Ag.Sc.
Blackburn, Trevor R., B.Sc.
Blanksby, Peter E., B.Sc.
Braddock, Roger D., B.Sc.
Bright, Ann
Bull, Anthony J., B.Sc.
Creaser, Roger P., B.Sc.
Dobrez, Livio
Ellis, Keith J., B.Sc.
Fennell, David J., B.Sc.
Gibberd, Robert W., B.Sc.
Grygorcewicz, Czeslaw, B.Sc.
Iverson, Geoffrey J., B.Sc.
Jemison, Robert W., B.Sc.
Knight, John W.
Lazaroff, Nicholas, B.Sc.
Leach, Brian G., B.Sc.
Lewis, Brian M., B.Sc.
McGowan, Ursula
Moody, Keith, B.Sc.
Pfueller, Sharron L., B.Sc. (Syd.)
Polson, P.
Reiss, James A., B.Sc.
Reynolds, Geoffrey D., B.Sc.
Robertson, Janet M., B.A.
Rogers, Lesley J., B.Sc.
Sobolewski, Victor C., B.E.
Tham Toong Seng
Tozer, Barry A.
Tregloan, Peter A., B.Sc.
Wickes, Lewis C., Mus.Bac.

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.

1962	Finnis, John M.	1965	Disney, Shaun Anthony Requa, B.A.
1963	Rogers, Peter L.		
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 £12/10/- 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. Laby, Ralph H., M.Sc. (Melb.)	} equal
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, 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 demit 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, Intervarsity 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 the mission of the Church 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 gave 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 an autonomous interdenominational fellowship of Christian students within the University. It is affiliated with the Australian Inter-Varsity Fellowship (I.V.F.), and is represented overseas through I.V.F. as part of the International Fellowship of Evangelical Students (I.F.E.S.). The objects of A.U.E.U. are to stimulate personal faith in the Lord Jesus Christ, and to further evangelistic work among students by upholding and proclaiming the fundamental truths of Christianity. Consequently, there is an emphasis on involvement with missionary work overseas. 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 meetings during team and occasional camps.

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, evening meetings, student services, and week-end con-

ferences (one in each term) are held. The highlight of the year is the the interstate camp.

A special meeting for the welcome of Lutheran students entering University courses, is held in the first week of every academic year.

Adelaide Union of Jewish University Students.

The Adelaide Union of Jewish University Students (A.U.J.U.S.) was founded by Jewish students of this University in 1956.

The objects of A.U.J.U.S. are:

(a) To foster cultural, spiritual, intellectual and general interests of the Jewish undergraduates of the University of Adelaide;

(b) To promote goodwill and tolerance between Jewish and non-Jewish students;

(c) To speak on behalf of Jewish students on all matters appertaining to them.

Meetings are held fortnightly and in addition a beginning of term service is held during the first week of every academic year.

All Jewish undergraduates are invited to take an active part in all the functions of A.U.J.U.S.

Adelaide University Regiment.

The Regiment is an Infantry Unit 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 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 P. O. G. Forbes, M.C., 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.

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 beeen 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 and undergraduates of Forestry and Veterinary 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 Work as a profession and to provide more opportunities for 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. The year's activities conclude with a post-exam cocktail party for staff and students.

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. M. J. Barrett, The University.

Hon. Secretary: Mr. G. L. Pretty, South Australian Museum.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

Hon. Secretary: Mr. 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 16s. for *The Australian Quarterly* and £2 5s. for *The Economic Journal.*

President: Professor E. A. Russell, B.A., B.Com. (Melb.), M.A. (Camb.), The University.

Honorary Secretary: B. B. Worrall, B.A. (W. Aust.), The University.

Honorary Treasurer: M. S. Henderson, 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 £5 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 G. M. Maxwell, M.D. (Edin.), M.R.C.P. (Lond.).

Vice-President: Professor G. B. Mackaness, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), D.C.P. (Lond.).

Hon. Secretary: H. Lander, M.B., B.S., M.R.A.C.P.

Hon. Treasurer: Miss Ann M. Scott.

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.

The Journal publishes papers which 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 £5 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: c/o The University.

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.

Hon. Secretary: J. L. Porter, Elder Conservatorium of Music.

The Adelaide University Wives' Club

The Adelaide University Wives' Club has been in existence for more than thirty years. Its main objects are to make wives of new members of the University staff welcome, and to provide a meeting ground for all members. The activities of the club are many, the primary ones being:

(a) Approximately six general meetings per year;
(b) An information bureau for new members;
(c) Luncheons in small groups, involving all members of the club at least once a year;
(d) A literary group;
(e) A current affairs group.

The affairs of the Wives' Club are managed by a Committee, and more information for 1965 can be obtained from the President, Mrs. Diana Medlin (78 1584), or the Secretary, Mrs. Marcia Martin (62 1002).

PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC

REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

LICENTIATE IN MUSIC FOR TEACHERS AND EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS AND PRIZES

REGULATIONS

SCHOLARSHIPS.

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered anually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of £50, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Sixth Grade in the practice of music, and have also passed an examination in theory of music of the standard of the Fourth Grade

* Allowed 16th December, 1948, and amended 14th December, 1950.

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.

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

* Allowed December, 1948

in the First, Second, Third, Fourth and Fifth Grades to candidates who have attained the ages of 10, 12, 13, 14 and 15 years respectively on the thirty-first day of December in the year of the examination. No candidate shall be awarded a prize more than once in the same grade.

11. If at any time it is deemed by the Board to be necessary a special examination will be held to decide an award.

LICENTIATE PRIZE

12. A prize of fifteen guineas shall be awarded each year to the best South Australian candidate who passes as an executant in the Licentiate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for that year.

13. The prize shall not be awarded to the same person more than once.

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.

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)
1964 Williams, Graham N. (Theory)
Porter, Catherine M. (Practice)

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 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.

Awards in 1964:

(a) *Pianoforte.*

Seventh Grade: Miller, Necia A.
Wilson, Christine C.
Ellison, Lee T.

Sixth Grade: Porter, Catherine M.

Fifth Grade: Tunley, Nigel J.
Davey, Prudence E.

Fourth Grade: Roennfeldt, Janet K.

(b) *Violin.*

Seventh Grade: Thomson, Damien B.

Sixth Grade: Seager, Janet F.

Fifth Grade: Zed, Patricia M.

Fourth Grade: Bennett, Lorelle

Third Grade: Roberts, Susan P.
Tolstoshev, Angela
Jaudzems, Janis

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.

1961	Schutz, Avis	1963	Miller, Necia A.
1962	Noonan, Diana	1964	Lockett, David R.

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1965

PART III

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ANNUAL REPORT FOR THE YEAR 1964

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 1964:

1. Introduction

The year 1964 was the first of a new triennium. On the recommendation of the Australian Universities Commission the State and Commonwealth Governments provided for a building programme at North Terrace and the Waite Institute aggregating in cost £782,000. The principal items of the programme were completion of the Napier Building, a block of new laboratories for Physical and Inorganic Chemistry and the first stage of a library for the Waite Institute.

Student enrolments rose from 7,831 in 1963 to 8,634, a 10 per cent rise. The most significant increase, however, was the rise from 464 to 535 (a 15 per cent rise) of graduates proceeding to higher degrees.

The provision for normal recurrent expenditure at North Terrace and the Waite Institute was increased by 12½ per cent over 1963. The University also received a grant of £110,000 to support its internal research and postgraduate training programme. These provisions enabled the University to make significant advances in two respects: increased academic staff to match the growth in enrolments of undergraduates, and better provision for its work in the training of postgraduate students. Unfortunately, it will not be possible to maintain in 1965 and 1966 the advances made in 1964 since the percentage increase in provision for normal recurrent expenditure will fall from 12½ per cent to 6⅝ per cent and the provision for postgraduate training and research will remain unchanged.

2. Bedford Park

The planning and development of the University of Adelaide at Bedford Park continued during the year in preparation for its opening in March, 1966, when approximately 450 students will be enrolled. The plans for development for the 1967/69 triennium were also approved during the year for submission to the Australian Universities Commission.

A contract was let for the buildings for the School of Physical Sciences and the School of Biological Sciences and work began on the foundations of these buildings in October. Another contract was let for the buildings to house the School of Language and Literature, the School of Social Sciences, the Library, the Union and the Administration. The University accepted an offer from the Bank of Adelaide to lend the University sufficient money to build banking and shopping premises in conjunction with the Union; and agreements were nego-

tiated with the Bank of Adelaide, the Beck Book Company and the Myer Emporium for the lease of these premises.

The site planners, Professor Gordon Stephenson and Mr. G. J. Harrison, completed the site planning during the year and their report to the Council was published. Sketch plans for the Hall of Residence were approved by the Australian Universities Commission and commencement of the project awaited approval of the financial grant by the State Government.

Development of the sports fields proceeded rapidly during the year. Twelve acres were fully developed, six acres were sown with grass and a further six acres were prepared ready for planting early in 1965. A sports changing room block was completed during the year. An additional twenty-three acres of land adjacent to the Bedford Park site were purchased by the University for future use as sports fields.

A Statute of the Schools at Bedford Park was approved. Chapters IX, XII and XXV of the Statutes were also amended in the relevant sections because of the establishment of Bedford Park. Regulations of the degrees of Bachelor of Arts, Bachelor of Economics and Bachelor of Science were also approved.

The acquisition of library books continued and by the end of the year the Bedford Park Library had nearly 40,000 volumes. Gifts to the Bedford Park Library collection were gratefully received from the South Australian Parliament, the family of the late Mr. G. F. Dodwell, Mr. J. J. Duncan, Miss C. M. Eardley, Dr. A. R. Hall, Lady Mawson, the Attorney-General's Department, Canberra, the State Treasury of Victoria and the United States Information Agency.

Appointments were made to the following eight Chairs in addition to the six foundation Chairs which were filled in 1963: Dr. K. Garrad of the University of Leeds as Professor of Spanish; Dr. I. S. Laurie of Clare College, Cambridge, as Professor of French; Dr. M. McCaskill of the University of Canterbury as Professor of Geography; Dr. F. J. West of the Australian National University as Professor of Comparative Government; Dr. J. R. Anderson of the University of Melbourne as Professor of Chemistry; Associate Professor B. Abrahamson of the University of Toronto as Professor of Mathematics; Dr. M. R. Atkinson of the Department of Agricultural Chemistry at the Waite Agricultural Research Institute as Professor of Biology; and Dr. A. B. Hope of C.S.I.R.O. as Professor of Biology. Other appointments made during the year were Dr. B. A. Barlow as Senior Lecturer in Biology; Dr. J. Fletcher as Lecturer in Physics; Dr. C. Price as Lecturer in Biology; and Mr. A. P. Keain as Senior Administrative Assistant.

The Council appointed Chairmen of the four academic Schools at Bedford Park for a term of four years as follows:

School of Language and Literature: Professor R. W. V. Elliott.
School of Social Sciences: Professor O. O. G. M. MacDonagh.
School of Physical Sciences: Professor M. H. Brennan.
School of Biological Sciences: Professor A. M. Clark.

In view of the development of a postgraduate diploma in social administration at Bedford Park involving the transfer of the Department of Social Studies from North Terrace, the Council created a Chair of Social Administration, and this Chair was advertised in November. The Council also approved the creation of a position of

Director of Union Services to be responsible for the establishment of the Union and the Sports Association and to assist students in the formation of clubs and societies for their extra-curricula activities.

3. The Council

In November the Senate elected Professor H. N. Robson to the Council and re-elected for a further term Professor J. G. Cornell, Mr. J. A. Dunning, Mr. S. J. Jacobs and Dr. A. W. Wall, who retired by effluxion of time. Professor E. A. Rudd, who also retired by effluxion of time, did not seek re-election.

4. The Senate

The Senate re-elected Dr. R. G. Willoughby its Warden and Mr. V. A. Edgeloe its Clerk, re-elected Miss L. M. Angel, Mr. Paul Radford and Dr. G. S. Reid, and elected Mr. P. C. Reade as members of its Standing Committee. The Standing Orders relating to Senate notices and elections were amended.

The Standing Committee held three meetings during the year to consider legislation being submitted by the Council to the Senate.

5. Obituary

The University and the community suffered a great loss through the sudden death in London on December 14, 1964, of Professor John Bishop. A former distinguished student of pianoforte in the Elder Conservatorium and Elder Overseas Scholar at the Royal College of Music, London, for 1923, Professor Bishop had filled the dual office of Elder Professor of Music and Director of the Elder Conservatorium since 1948. His memorial rests in the vigour and reputation of the University's School of Music, the Adelaide Festival of Arts, and the Youth Music Camps throughout Australia. His journey abroad at the time of his death was occasioned by his acting as a representative of Australia at the annual general conference of U.N.E.S.C.O.

6. New Professors

The following professorial appointments were made during 1964:

Dr. J. A. Colmer, Reader in English, to a Chair of English; Dr. D. R. Stranks, of the University of Melbourne, to a Chair of Inorganic Chemistry; Dr. J. A. Ovenstone, Director of the Electronic Data Processing Branch of the Department of Defence, Canberra, to the Chair of Computing Science and Directorship of the Computing Centre; Dr. W. V. Macfarlane, of the John Curtin School of Medical Research, Australian National University, to the Chair of Animal Physiology at the Waite Agricultural Research Institute; Dr. N. T. Flentje, Reader in Plant Pathology, to the Chair of Plant Pathology at the Waite Agricultural Research Institute; and Dr. L. H. May, Reader in Plant Physiology, to the Chair of Plant Physiology at the Waite Agricultural Research Institute.

The following members of staff were appointed to personal professorships which will lapse on their ceasing to be in the service of the University: Dr. Z. P. Dienes, Reader in Psychology; Dr. C. A. Hurst, Reader in Mathematical Physics; Dr. M. F. Glaessner, Reader in Palaeontology; Dr. J. R. Radok, Reader in Mathematics.

7. Other Appointments

Other appointments to the permanent full-time academic staff which became effective during the year were:

Mr. M. Mackenzie and Mr. P. Waldron, Lecturers in English; Mme. Nicole Garçon, Lecturer in French; Mr. A. Sykes, Lecturer in History; Dr. G. Mulligan, Lecturer in Psychology; Mr. D. L. Smith, Lecturer in Geography; Mr. D. T. Healey, Senior Lecturer in Economics; Mr. J. Longden, Mr. E. S. Richards and Mr. B. B. Worrall, Lecturers in Economics; Dr. J. Brilla, Lecturer in Mathematics; Dr. A. G. Gregory, Lecturer in Physics; Dr. J. T. Wiskich, Lecturer in Botany; Dr. M. L. Mashford, Senior Lecturer in Physiology; Dr. R. Speden, Senior Lecturer in Pharmacology; Dr. M. K. Bull, Senior Lecturer in Mechanical Engineering; Dr. M. E. Tate, Dr. J. W. Kijne and Dr. J. F. Jackson, Lecturers in Agricultural Biochemistry and Soil Science; Mr. J. F. Keeler, Lecturer in Law; Mr. P. S. Davis, Lecturer in Clinical Biology in the Departments of Medicine and Surgery; Dr. F. M. M. Mai, Senior Lecturer in Psychological Medicine; Mr. J. H. Court, Lecturer in Clinical Psychology; Miss F. M. MacNamara, Senior Tutor in Psychiatric Social Work; Mr. D. Galliver, Lecturer and Teacher of Singing in the Elder Conservatorium of Music; Mr. D. Cubbin, Teacher of Flute in the Elder Conservatorium; Mr. Jiri Tancibudek, Teacher of Oboe in the Elder Conservatorium; Mr. Gabor Reeves, Teacher of Clarinet in the Elder Conservatorium; and Dr. J. Moncrieff, Lecturer in Physical Education.

8. Staff Distinctions

Mr. T. G. H. Strehlow, Reader in Australian Linguistics, was elected a Foreign Corresponding Member of the Royal Academy of Letters, History and Antiquities, Sweden.

Professor J. J. C. Smart, Hughes Professor of Philosophy, was elected a member of the Council of the Association for Symbolic Logic for three years beginning in 1964.

Professor J. G. Cornell, Professor of French, was informed by the French Embassy in Canberra that he had been promoted to the rank of *Officier* in the Order of *Les Palmes académiques*.

Professor B. L. D. Coghlan, Professor of German, visited Germany at the invitation of the Government of the Federal Republic in October and November.

Professor G. H. Lawton, Professor of Geography, was elected President of the Institute of Australian Geographers for 1964-65 and appointed a Member of the Council of the Australian Institute of Aboriginal Studies for three years.

Sponsored by the U.S. Agency for International Development, Dr. J. L. Dillon, Reader in Agricultural Economics, spent six months from May to November, 1964, as Visiting Professor of Farm Management at the Catholic University of Chile.

Professor J. H. Carver, Elder Professor of Physics, was a member of the Australian Delegation to the Fifth International Space Science Symposium (COSPAR) held in Florence in May, 1964.

Professor H. S. Green, Professor of Mathematical Physics, was invited to address a Conference on the Physics of Fluids at the John

Carroll University in Cleveland in June. He was also invited to address a meeting of the Society of Engineering Science at East Lansing, Michigan, in November.

Professor C. A. Hurst, Professor of Mathematical Physics, accepted an invitation to be a visiting professor in the Department of Mathematics, University of Toronto, from January to March.

Professor G. M. Badger, Professor of Organic Chemistry, was appointed Federal President of the Royal Australian Chemical Institute.

Dr. J. B. Jones, Senior Lecturer in Geology, was elected Chairman of the South Australian Division of the Geological Society of Australia.

Professor W. P. Rogers, Professor of Parasitology, attended by invitation the World Health Organisation's meeting of advisers on immunology and parasitology at Ibadan.

Professor H. G. Andrewartha, Professor of Zoology, delivered the Sir William Macleay Memorial Lecture to the Linnean Society of New South Wales.

Professor R. F. Whelan, Professor of Physiology and Pharmacology, was appointed a member of the Scientific Advisory Committee of the National Health and Medical Research Council and a member of the Advisory Committee of the University of Tasmania Medical School.

Professor D. Rowley, Professor of Microbiology, was appointed an advisor in Immunology to the World Health Organisation.

Professor C. M. Donald, Waite Professor of Agriculture, was awarded the Farrer Memorial Medal "for distinguished contributions to agricultural science" and the Australian Medal of Agricultural Science.

Dr. K. W. Finlay, Reader in Plant Breeding and Genetics, was appointed Secretary of the Third International Wheat Genetics Symposium to be held in Adelaide in 1968. He was also appointed to the Permanent Committee of the International Barley Genetics Symposium.

Dr. B. Johnson, Reader in Entomology, and Dr. P. W. Miles, Senior Lecturer in Entomology, were invited to contribute papers to an International Seminar on Aphids at the University of California, Berkeley.

The late Professor L. H. May, Professor of Plant Physiology, was elected President of the Australian Society of Plant Physiologists.

Professor N. T. Flentje, Professor of Plant Pathology, was appointed as Australian representative to the Committee on International Co-operation of the American Phytopathological Society.

Professor E. O. Willoughby, Professor of Electrical Engineering, lectured by invitation to the I.E.E.E. London on aerials for aircraft navigation.

Professor A. A. Abbie, Elder Professor of Anatomy and Histology, was elected to the Council, a member of the Executive Committee, and Convenor of the Panel on Human Biology, of the Australian Institute of Aboriginal Studies.

Professor J. S. Robertson, Marks Professor of Pathology, was appointed Chairman of the Traffic Injury Committee of the National

Health and Medical Research Council. He was also re-appointed for a further term to the Medical Research Advisory Committee of the National Health and Medical Research Council.

Professor B. S. Hetzel, Professor of Medicine, was awarded the Eric Susman Prize of the Royal Australasian College of Physicians.

Professor A. M. Horsnell accepted the invitation of the World Health Organisation to visit Uganda, Ghana and Nigeria to investigate the problems of dental education and training facilities in those countries.

Mr. M. J. Barrett, Reader in Prosthetic Dentistry, was elected a member of the Australian Institute of Aboriginal Studies.

Mr. A. S. M. Hely, Director of Adult Education, was elected Hon. Secretary of the Asian South Pacific Bureau of Adult Education; was re-elected Chairman of the Executive of the Australian Association of Adult Education; was appointed to the Education Committee of the Advisory Committee for UNESCO in Australia, as representative of the Australian Association of Adult Education; was elected Chairman of the Adult Education Advisory Sub-Committee of the Advisory Committee for UNESCO in Australia; was invited by the University of Hong Kong to present a paper at the Leverhulme Conference on S.E. Asian Universities and Extra-Mural Work; and was invited by the World Federation of United Nations Association to attend the Regional Conference on Teaching About the United Nations through Schools and Adult Education held at the University of Malaya.

9. Retirements

At the end of the year Mr. H. F. Lower, Senior Lecturer in Entomology, retired after 15 years' service with the University; Dr. Lorna M. A. Green, Lecturer in Histology, retired after 13 years' service; Miss Elma G. Casely, Senior Lecturer-in-Charge of the Department of Physiotherapy, retired after 19 years' service.

10. Resignations

The following staff-members resigned during the year:

Dr. A. W. Rudrum, Lecturer in English; Mr. M. A. Jack and Mr. W. F. Mandle, Lecturers in History; Dr. L. B. Brown, Senior Lecturer in Psychology, on his appointment to the Chair of Psychology at Massey University of Manawatu, New Zealand; Dr. Maureen D. Brunt, Senior Lecturer in Economics; Dr. J. L. Dillon, Reader in Agricultural Economics, on his appointment to the Chair of Farm Management at the University of New England; Mr. D. H. Whitehead, Senior Lecturer in Economics; Mr. J. C. G. Wright, Dr. A. A. L. Powell and Dr. M. Polasek, Lecturers in Economics; Mr. R. D. Terrell and Mr. J. Y. Henderson, Lecturers in Commerce; Professor R. L. Mathews, Professor of Commerce, on his appointment to the Chair of Commerce in the School of General Studies of the Australian National University, Canberra; Dr. J. N. Darroch and Dr. J. P. Tull, Senior Lecturers in Mathematics; Professor G. M. Badger, Professor of Organic Chemistry, on his appointment to the Executive of C.S.I.R.O.; Dr. W. H. F. Sasse, Senior Lecturer in Organic Chemistry; Dr. J. P. R. Riches, Senior Lecturer in Botany; Dr. A. M. Posner,

Senior Lecturer in Agricultural Biochemistry; Dr. I. R. Falconer, Lecturer in Agricultural Biochemistry; Dr. J. Monro, Lecturer in Entomology; Mr. G. S. West, Lecturer in Civil Engineering; Dr. M. W. Allen, Senior Lecturer in Electrical Engineering, on his appointment as Director of Computing Laboratories in the University of N.S.W.; Dr. R. T. W. Reid, Reader in Pathology; Mr. P. C. Reade, Lecturer in Periodontia in the Department of Dental Science; Mr. Richard Watson, Teacher in Singing in the Elder Conservatorium; Dr. D. W. Crowley, Assistant Director of Adult Education, on his appointment as Director of Adult Education in the University of Sydney.

11. Study Leave

The following members of staff were granted Study Leave beginning at some stage of the year:

Mr. D. A. Hester, Lecturer in Classics; Dr. B. R. Elliott, Reader in Australian Literature; Dr. A. W. Rudrum, Lecturer in English; Mr. M. A. Jack, Lecturer in History; Mr. R. L. Reid, Senior Lecturer in Politics; Mr. M. M. S. Finnis, Senior Lecturer in Philosophy; Dr. R. E. C. Penny, Senior Lecturer in Psychology; Mr. R. R. Hirst, Reader in Economics; Mr. R. H. Wallace, Senior Lecturer in Economics; Dr. W. G. Elford, Reader in Physics; Dr. P. J. Dunlop, Senior Lecturer in Physical and Inorganic Chemistry; Dr. R. L. Oliver, Senior Lecturer in Geology; Dr. E. S. Holdsworth, Reader in Biochemistry; Dr. D. J. Greenland, Reader in Agricultural Biochemistry; Mr. J. K. Powrie, Senior Lecturer in Agronomy; Dr. D. A. Maelzer, Lecturer in Entomology; Mr. G. R. Edwards, Senior Lecturer in Plant Physiology; Dr. J. H. Warcup, Reader in Plant Pathology; Dr. R. I. B. Francki, Lecturer in Plant Pathology; Dr. M. W. Allen, Senior Lecturer in Electrical Engineering; Mr. D. H. Norrie, Senior Lecturer in Mechanical Engineering; Dr. K. D. Murray, Lecturer in Pathology; Professor A. M. Horsnell, Professor of Dental Science; Professor R. A. Jensen, Professor of Architecture; and Dr. D. W. Crowley, Assistant Director of Adult Education.

12. Postgraduate Committees

The Postgraduate Committees in Medicine and Dentistry continued to provide refresher and specialist courses for practitioners, both in the metropolitan and in country areas. They were assisted greatly in this work by visitors from other States and countries.

A Postgraduate Medical Foundation was established with a view to promoting regular and assured financial support for postgraduate medical education in South Australia.

13. Research and Publications

The University Research Grant supported 108 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.

14. Grants, Gifts and Bequests

Grants from sources outside the University to support research projects and to provide postgraduate scholarships during the year amounted to £323,399. Details are shown in a statement appended to the Financial Statements of the University for 1964.

In addition to these grants, the University acknowledges with pleasure and gratitude the following gifts:

A large and valuable collection of books, covering many fields of literature, history and criticism, presented to the Department of German by the Ambassador for the Federal Republic of Germany (Dr. J. F. Ritter) on behalf of the Federal Government in Bonn; a reproduction in oils of a portrait of Sir Ronald Fisher for hanging in the R. A. Fisher Laboratories from Professor J. H. Bennett and Dr. Gertrude Cox; a portrait of Mr. Justice Stow, now hanging in the Law Library, from Mr. Randolph Stow; books and periodicals for the Barr Smith Library from the following: Professor A. A. Abbie; Corporation of the City of Adelaide; Adelaide University Film Society; Anthropological Society of South Australia; Mr. J. H. Arberry; Australia-Soviet Friendship Society; Professor G. M. Badger; Mrs. Ruth Bassett; Broken Hill Municipal Library; Mr. G. H. Brooks; Mr. H. Brown; Dr. R. S. Burdon; Miss Gillian Cocks; Professor B. L. D. Coghlan; Professor J. G. Cornell; Dr. M. G. Davey; Dr. Z. P. Dienes; Mr. W. D. Doble; Mrs. J. Frewin; Dr. A. E. Gale; Consulate of the Federal Republic of Germany; Professor M. F. Glaessner; Professor H. S. Green; Miss A. Faith Hollidge; Professor C. J. Horne; Professor C. A. Hurst; High Commissioner of India; Mr. C. R. Lawton; the Honourable Sir George Ligertwood; Professor R. L. Mathews; Mrs. C. Matters; Dr. Helen Mayo; Mr. D. E. Norrie; Mr. Gordon A. Pavy; Philips Electrical Industries Pty. Ltd.; Mr. W. A. P. Phillips; Professor J. A. Prescott; Professor J. R. M. Radok; Professor H. N. Robson; Professor G. Rudé; Fr. Michael Scott; Mr. C. H. Shuttleworth; Professor J. J. C. Smart; Lady Keith Smith; Public Library of South Australia; Dr. A. R. Southwood; Consul-General for Spain; Mr. T. G. H. Strehlow; Students' Representative Council; Miss L. K. Symon; U.S. Information Service; Mr. J. T. Whelan; Mr. C. T. Whiting; Dr. H. B. S. Womersley; Mrs. Woodridge; and Mr. E. S. Wyett.

15. The Student Health Service

During the year the Service medically examined 1,720 students and 123 members of the ancillary staff. 1,883 emergency consultations were made, 1,169 for illness and emotional disorders, 462 for accidents, and 252 for injuries sustained in games.

An active programme of chest X-ray, Mantoux testing and B.C.G. innoculation was continued with the co-operation of the Chest Clinic and the Director of Tuberculosis. 2,143 Salk innoculations and 1,876 tetanus toxoid injections were given and the Service provided vaccination facilities for overseas travel by students and staff.

16. Statutes and Regulations

The University made one new Statute, Chapter LXXXIII, Of the Schools at Bedford Park, and the following Statutes were repealed: Chapter XXI, Of the Dr. Davies-Thomas Scholarships; Chapter XXXVIII, Of the Lister Prize; Chapter LVI, Of the Archibald Watson Prize; and Chapter XXXIII, Of the Lowrie Scholarships. Chapter XXX, Of the Tinline Scholarship, was repealed and a new Chapter, Of the Tinline Scholarships, was substituted therefor. Amendments were made to the following Statutes: Chapter IX, Of Matriculation; Chapter XII, Of the Board of Discipline; Chapter X, Of the Faculties; Chapter XXV, Miscellaneous; and Chapter XXXV, Of the Bundey Prize for English Verse.

New Regulations, Of the Diploma in Social Studies and Of the Diploma in Computing Science were enacted; the regulations governing the degrees of Bachelor of Agricultural Science, Bachelor of Medicine and Bachelor of Surgery, and Bachelor of Music were repealed and new Regulations enacted in each case; and amendments were made to the regulations governing the degrees of Bachelor of Arts, Bachelor of Engineering, Bachelor of Dental Surgery, Bachelor of Technology, Bachelor of Applied Science, Master of Dental Surgery, and Doctor of Philosophy, the diploma in Social Studies, and the Public Examinations.

17. Statistics

Numbers of Students: The total number of students was 8,634, the greatest enrolment in the history of the University and an increase of 803 on that for the previous year. Of the increase, 260 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 125. The number of Ph.D. candidates increased by 17.

The tendency towards a greater proportion of full-time enrolments was continued in 1964 when these enrolments represented 54.7 per cent. of the total, or, excluding the Elder Conservatorium of Music, 57.6 per cent. The composition of the student body is shown in the following table:

Composition of Student Body, 1964.

	Males	Females	Total	%
Full-time	3,527	1,194	4,721	54.7
Part-time	2,138	814	2,952	34.2
External	421	109	530	6.1
Elder Conservatorium	185	246	431	5.0
Total Students	6,271	2,363	8,634	100

Distribution into Courses (a):

A. Higher Degree Candidates.

	Higher Doctor			Ph.D.			Master			Total			
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.*	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	Total
Arts	—	—	—	5 (2)	3 (1)	3	—	1	52(13)	5 (2)	4 (1)	55(13)	64(16)
Education	—	—	—	—	—	—	—	18 (5)	6 (3)	—	18 (5)	6 (3)	24 (8)
Economics	—	—	—	1	—	—	—	6	5	1	6	5	12
Business Management ..	—	—	—	—	—	—	—	8	2	—	8	2	10
Science	—	—	4	106 (8)	35 (5)	11 (2)	14 (1)	17 (3)	26	120 (9)	52 (8)	41 (2)	213(19)
Agricultural Science ..	—	—	—	27 (2)	8	6	10 (3)	1	21	37 (5)	9	27	73 (5)
Engineering	—	—	—	13	11	6	17	7	17	30	18	23	71
Law	—	—	—	—	—	—	—	—	14 (1)	—	—	14 (1)	14 (1)
Medicine..	4(1)	5	14	1	—	—	—	1	1	5 (1)	6	15	26 (1)
Dentistry	—	1	—	—	—	—	1	4	8	1	5	8	14
Applied Science ..	—	—	—	—	—	—	—	1	—	—	1	—	1
Architecture	—	—	—	—	2	—	—	1	1	—	3	1	4
Town Planning	—	—	—	—	—	—	—	9 (2)	—	—	9 (2)	—	9 (2)
Total	4(1)	6	18	153(12)	59 (6)	26 (2)	42 (4)	74(10)	153(17)	199(17)	139(16)	197(19)	535(52)

* Candidates whose theses were under examination at the end of the year.

B. Candidates for Bachelor's Degrees.

	Honours (b)			Ordinary			Total			
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	Total
Arts	32(19)	9(2)	—	655(396)	691(257)	123(18)	687(415)	700(259)	123(18)	1,510(692)
Economics	6	—	—	160 (11)	299 (7)	5 (1)	166 (11)	299 (7)	5 (1)	470 (19)
Science	91(16)	—	—	969(169)	221 (45)	1	1,060(185)	221 (45)	1	1,282(230)
Agricultural Science ..	3	—	—	86 (4)	—	—	89 (4)	—	—	89 (4)
Engineering	29	—	—	349 (1)	52 (1)	—	378 (1)	52 (1)	—	430 (2)
Law	3 (1)	—	—	237 (43)	64 (11)	5 (1)	240 (44)	64 (11)	5 (1)	309 (56)
Medicine..	—	—	—	635 (95)	—	—	635 (95)	—	—	635 (95)
Medical Science.. ..	5	—	—	—	—	—	5	—	—	5
Dentistry	2	—	—	162 (16)	—	—	164 (16)	—	—	164 (16)
Music	6 (2)	—	—	4 (1)	4 (1)	—	10 (3)	4 (1)	—	14 (4)
Technology	—	—	—	181	413 (1)	—	181	413 (1)	—	594 (1)
Applied Science ..	1	—	—	32 (2)	41	—	33 (2)	41	—	74 (2)
Architecture	5 (1)	—	—	118 (7)	25 (2)	—	123 (8)	25 (2)	—	148 (10)
Total	183(39)	9(2)	—	3,588(745)	1,810(325)	134(20)	3,771(784)	1,819(327)	134(20)	5,724(1,131)

C. Candidates for Diplomas and Certificates.

	Matriculated Students			Non-Matriculated Students			Total			
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	Total
Arts and Education ..	155 (83)	604(323)	80(29)	—	5 (2)	1	155 (83)	609(325)	81(29)	845(437)
Education (Post-graduate Diploma)	41 (15)	184 (73)	105(35)	—	—	—	41 (15)	184 (73)	105(35)	330(123)
Public Administration ..	1	21	1	—	20 (2)	—	1	41 (2)	1	43 (2)
Law (Final Certificate) ..	7 (1)	16 (3)	—	—	—	—	7 (1)	16 (3)	—	23 (4)
Music	24 (16)	8 (7)	—	10 (7)	1	—	34 (23)	9 (7)	—	43 (30)
Physical Education ..	114 (37)	17 (6)	1 (1)	4 (2)	1 (1)	1(1)	118 (39)	18 (7)	2 (2)	138 (48)
Social Studies	100 (84)	18 (5)	—	5 (4)	12 (6)	—	105 (88)	30 (11)	—	135 (99)
Physiotherapy	81 (78)	—	—	—	—	—	81 (78)	—	—	81 (78)
Pharmacy	179 (58)	—	—	25 (5)	—	—	204 (63)	—	—	204 (63)
Total	702(372)	868(417)	187(65)	44(18)	39(11)	2(1)	746(390)	907(428)	189(66)	1,842(884)

D. Students taking Miscellaneous Subjects.

	Full-time	Part-time	External	Total
Arts	3 (3)	36 (13)	7 (2)	46 (18)
Economics	—	7	1	8
Science	—	15 (3)	—	15 (3)
Law	2	2	—	4
Music (Elder Conservatorium) ..	—	431 (246)	—	431 (246)
Home Science (S.A.I.T.)	—	27 (27)	2 (2)	29 (29)
Total	5 (3)	518 (289)	10 (4)	533 (296)

(a) Each student is counted once only—in the category appropriate to his/her principal course. The figures in brackets refer to the numbers of female students included in the totals.

(b) Final year honours students only.

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:

	1960	1961	1962	1963	1964
Arts	1,776	1,871	2,010	2,194	2,454
Education (Master's Degree) ..	—	11	13	17	24
Education (Postgraduate diploma)	129	153	199	225	330
Economics	348	368	394	421	489
Public Administration	45	44	53	45	43
Business Management	—	—	—	4	10
Science	909	992	1,107	1,233	1,358
Agricultural Science	102	97	100	118	121
Engineering	456	480	457	464	471
Law	149	180	235	279	350
Medicine	560	613	617	636	660
Medical Science	4	5	8	2	5
Dentistry	80	85	109	123	178
Music (Degree and Diploma) ..	49	46	58	54	57
Music (Elder Conservatorium) ..	387	405	440	415	431
Technology	492	528	563	578	594
Applied Science	—	46	49	67	75
Architecture	80	106	111	128	150
Town Planning	—	—	10	10	9
Physical Education	55	79	98	133	138
Social Studies	70	90	119	118	135
Physiotherapy	61	74	77	85	81
Pharmacy	196	193	215	210	204
Optometry	10	7	8	7	—
Home Science (S.A.I.T.)	45	31	31	44	29
Ph.D. Candidates	107	151	183	221	238
Total	6,110	6,655	7,264	7,831	8,634

Overseas Students: There were 431 overseas students (including 86 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Science 115, Engineering 70, Medicine 55, Arts 45, Economics 37, Agricultural Science 26, Architecture 22, Dentistry and Technology each 16, Law 10, Social Studies 7, Applied Science 4, Physiotherapy 2, Music, Physical Education and Pharmacy each 1. Of the other 55 students, 52 were

proceeding to the degrees of Ph.D. (37), M.E. (5), M.Ag.Sc. (5), M.Sc. (2), M.A., M.D.S., and M.Arch, and the remaining 3 were taking subjects for courses at the South Australian Institute of Technology.

Two hundred and eighty-six of these students came from Malaysia, 38 from Hong Kong, 15 from Indonesia, 14 from Thailand, 13 from the United Kingdom, 11 from India, 9 from Vietnam, 8 from New Zealand, 6 from the United States of America, 5 from South Africa, 3 each from Cambodia, Fiji, Jamaica and Pakistan, 2 each from Canada, Ghana, Switzerland and Taiwan, and 1 each from Belgium, Ceylon, Chile, Germany, Norway and Zanzibar. One hundred and six of them (including 70 from Malaysia, 11 from Thailand and 10 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	—	—	—	—	2
Commonwealth Scholarship ..	806	37	1	287	16	—	1,147
Commonwealth Scholarship and Leaving Bursary	65	—	—	16	—	—	81
Commonwealth Scholarship and Leaving Honours Bursary ..	11	—	—	1	—	—	12
Commonwealth Scholarship and Others	55	3	—	5	1	—	64
Leaving Bursary	54	2	—	20	—	—	76
Leaving Bursary and Teachers' College	21	—	—	12	3	—	36
Leaving Honours Bursary ..	17	—	—	2	—	—	19
Leaving Honours Bursary and Teachers' College	3	—	—	2	—	—	5
Teachers' College	623	272	1	349	323	—	1,568
Education Department (Teachers)	3	425	211	3	187	75	904
Colombo Plan	61	9	—	28	1	—	99
S.A. Government Cadetship or Studentship	118	13	—	10	3	—	144
Commonwealth Government Cadetship or Studentship ..	113	12	—	3	—	—	128
Others	142	179	4	42	57	1	425
Total Assisted Students	2,092	954	217	780	591	76	4,710
Total Unassisted Students ..	1,253	1,061	26	397	207	14	2,958
Total Students	3,345	2,015	243	1,177	798	90	7,668

* 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 1964 was 334,469, accessions for the year being 24,028. The number of volumes withdrawn during the year was 189. Students, graduates and academic staff borrowed 126,059 volumes for home reading, including 10,252 borrowed overnight and over week-ends from the Reserve and Multiple Collections. The corresponding total for 1963 was 115,433.

The number of external students in the Faculty of Arts who joined the Country Lending Service was 123 and they borrowed 711 volumes by post. The number of volumes lent to libraries in other States was 2,628 and the Barr Smith Library borrowed 846 from these libraries.

Waite Institute Library: The Library added 1,806 volumes and 15 pamphlets during 1964, making the total holdings 18,905 and 981 respectively.

Bedford Park Library: The total number of volumes in the Library at the end of 1964 was 37,414.

Evening Lectures: Evening lectures were given in the following subjects: Biology, Chemistry I, Commercial Law A and B, Comparative Education, Comparative Philology, Economic Development I, Economics I and III, Education, Educational Psychology II, Elements of Statistics, Engineering Aspects of Planning, English I and III, French I, General Physics, Geography I, II and III, Geology I, German II, History IA, IIB, IIIA and IIIB, History of Education II, Hygiene, Latin I, Law in Relation to Planning, Management Accounting, Philosophy I, II and IIIA, Physics I, Politics I, IIB and IIIA, Psychology I, IA, IIB and IIIA, Public Finance, Social Economics, Social Organisation, Social Work II, Sociology of Education II, Theory of Education II, and Zoology I.

Department of Adult Education: The Board of Adult Education conducted 65 tutorial classes and 2 Extension Courses. Five classes were held in the suburbs and 62 in the city, either at the University or in the W.E.A. Centre at South Terrace.

The Thirteenth Annual Summer School was held at Adelaide Miethke House, while a Summer School on Painting was held at the W.E.A. Residential College at Goolwa. The Spring School was held at Mt. Serle in the Flinders Ranges, while a new venture was the holding of an Autumn School on Geology and Landscape Painting in the Ross River area in the Northern Territory. Other Schools and Seminars organised covered such subjects as Business Administration, Australian Writing, Town Planning, Ethnology, Ornithology, Antarctica Education, Current Problems, Social Work and a refresher seminar for Teachers of History.

Lectures were given in 29 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 and the State Department of Education.

A discussion study course on Japan was arranged in co-operation with the Country Women's Association and 23 groups within the branches of the Association participated. Music Recitals were arranged in 22 country centres and Dramatic performances in 14. The Board co-operated with the W.E.A. in organising a special experimental correspondence education programme for trade unionists. Fifty-two weekly educational television programmes were arranged in association with NWS Channel 9 and the W.E.A.

Aggregate enrolments were as follows: Classes arranged jointly with the W.E.A., plus University Extension courses, 2,810; special schools and conferences, 1,720; discussion courses, 294.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 1,990 at the Supplementary Leaving Examination in February; 13,860 at the Intermediate Examination in November; 10,613 at the Leaving Examination in November; 2,732 at the Leaving Honours Examination. These numbers maintain the rapid rate of increase experienced in recent years, the greatest relative increase in 1964 being in the number taking the Leaving Honours Examination. The growth of the number of candidates for the Public Examinations since 1958 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, 1958-1964

	1958	1959	1960	1961	1962	1963	1964
Intermediate -	7,684	8,910	9,967	11,577	12,988	13,450	13,860
Leaving - -	4,852	5,740	6,434	7,315	8,765	9,885	10,613
Leaving Honours -	880	1,159	1,450	1,607	1,856	2,384	2,732

The examinations were held at 78 metropolitan schools and colleges and in country towns and districts at 112 schools and 1 other centre.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,674 entries in theory and 4,761 in practice of music, 134 in musical perception and 45 in speech and drama.

18. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration Ceremony on April 4, 1964:

	Males	*Females*	*Total*
D.Sc. (*ad eundem gradum*) - - -	2	—	2
M.Sc. - - - - - - -	7	—	7
B.Sc. Honours - - - - -	50	14	64
B.Sc. - - - - - - -	138	43	181
LL.M. - - - - - - -	1	—	1
LL.B. Honours - - - - -	1	—	1
LL.B. - - - - - - -	15	4	19
Mus.Doc. (*ad eundem gradum*) - -	1	—	1
Mus.Bac. - - - - - -	3	3	6
Ph.D. - - - - - - -	31	1	32
Ph.D. (*ad eundem gradum*) - - -	4	—	4
Diploma in Music - - - -	2	9	11
Diploma in Physical Education - -	6	4	10
Diploma in Physiotherapy - - -	1	23	24

At the Annual Commemoration Ceremony on April 22, 1964:

	Males	*Females*	*Total*
M.A.	3	—	3
M.A. (*ad eundem gradum*)	2	—	2
B.A. Honours	26	20	46
B.A.	48	55	103
B.A. (*ad eundem gradum*)	1	—	1
M.Ag.Sc.	4	—	4
B.Ag.Sc. Honours	7	—	7
B.Ag.Sc.	10	1	11
D.D.Sc. (*ad eundem gradum*)	—	1	1
B.D.S.	6	—	6
B.Tech.	62	—	62
B.App.Sc.	4	—	4
Diploma in Education	29	26	55
Diploma in Social Studies	2	13	15
Diploma in Pharmacy	19	8	27

At the Annual Commemoration Ceremony on May 9, 1964:

LL.D. (*ad eundem gradum*)	1	—	1
M.Arch.	1	—	1
B.Arch Honours	4	—	4
B.Arch.	8	2	10
B.Arch. (*ad eundem gradum*)	1	—	1
M.D.	3	—	3
M.D. (*ad eundem gradum*)	1	—	1
M.S.	2	—	2
M.B., B.S.	51	9	60
M.B., B.S. (*ad eundem gradum*)	2	—	2
B.Med.Sc. Honours	1	—	1
M.E.	7	—	7
B.E. Honours	35	—	35
B.E.	28	—	28
B.E. (*ad eundem gradum*)	1	—	1
M.App.Sc.	1	—	1
M.Ec.	2	—	2
B.Ec. Honours	5	—	5
B.Ec.	36	1	37
Diploma in Public Administration	1	—	1
Diploma in Arts and Education	66	42	108

At a Meeting of the Council on June 26, 1964:

B.Sc. Honours	1	—	1
B.E. Honours	1	—	1
M.B., B.S.	5	1	6
B.Tech.	4	—	4
B.Ec.	1	—	1
B.D.S.	1	—	1
Diploma in Commerce	1	—	1

At a Meeting of the Council on December 18, 1964:

	Males	*Females*	*Total*
M.Sc.	1	—	1
B.Sc. Honours	1	—	1
M.B., B.S.	2	—	2
B.D.S.	1	—	1
Ph.D.	1	—	1
Diploma in Education	1	—	1

Totals: 65 candidates were admitted to higher degrees by examination or thesis, 12 were admitted to such degrees *ad eundem gradum*; 708 bachelor degrees were conferred by examination and 5 by admission *ad eundem gradum*; and 253 diplomas and 5 Final Certificates in Law were awarded.

19. Accounts

An abstract, duly signed, of the income and expenditure during the year 1964 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 1964.

Signed on behalf of the Council,

Adelaide,

15th November, 1965.

Chancellor.

COMMEMORATION ADDRESSES, 1965

The Annual Commemoration ceremonies were held on March 31, April 14 and May 5, 1965.

At the ceremony held on March 31, Lord Todd of Trumpington, after having been admitted to the degree of Doctor of Science, addressed the Congregation as follows:

Mr. Chancellor, Mr. Dean, Ladies and Gentlemen,

Today the University of Adelaide has done me a very great honour. That my name should be inscribed on its roll of graduates is something which I appreciate very deeply, and this is an honour of which I am immensely proud. For Adelaide is not just a great university; it is one with which, although only an occasional visitor, I have many ties and for which I have a strong affection. This affection dates from my first visit to Adelaide almost fifteen years ago when I was strongly attracted both to the city and to the University. What attracted me was not the weather or the beauty of the surroundings in which I found myself—although these in themselves are enough to attract anyone to this city. It was the feeling that I had found here an academic community which was not living in a separate ivory tower but which had established a sound relationship with the larger community of which it formed a part. It would not, I think, be improper for me to say that at the time of which I speak, i.e. 1950, the relationships between State Governments and their State Universities were not uniformly satisfactory in Australia. But here in South Australia most of the problems associated with University-State relations seemed to be either solved or well on the way to solution, thanks in no small measure to the efforts of that great man Sir William Mitchell whom, incidentally, I was privileged to meet on my 1950 visit. My impression then was of a University which was developing as an integral part of the community and it has been a great pleasure to me to see this impression confirmed in the years that followed by the rapid growth of the University to the great institution in which we are gathered today.

And all this is as it should be, for a university is and must always be an integral and indispensable part of the fabric of the society in which it exists. This has, of course, always been so, but today it is perhaps more important than ever. For we live in a world of tension and unease in which it is at times difficult to see clearly the way ahead. Science and technology have been advancing at a fantastic and ever increasing rate during the past hundred years, and between them they have wrought a veritable revolution in our way of life and in our material environment. Unfortunately, however, our social attitudes which determine our social behaviour have not changed—nor perhaps can they change — at anything like the same rate. It is this disparity in rate of change that is, I believe, at the root of most of our national and international troubles, which has brought us two devastating wars in this century and which has been responsible for the appearance of

a wide variety of political faiths — communism, fascism and all the rest. How are we to solve this problem — for solve it we must if mankind is to have the full and glorious future which it could have.

That is a question to which there is no simple answer, nor shall I attempt here to give one. But sure it is that our universities will have a major part to play in finding it. For a university exists not simply to provide vocational training so that degrees shall be certificates of entry to the professions — nor does it exist simply to provide a refuge from the world in which scholars may pursue research devoted to extending the boundaries of human knowledge and understanding. Important as these functions may be it has a greater and wider function in the influence it exerts on the young mind. For it should implant in the minds of its members a respect for truth, for freedom of the human spirit, and above all for tolerance in dealing with our fellow-men.

These are perhaps the most important things that you new graduates have acquired here in Adelaide and they are the things which in later years you will recognise more and more as being the real debt you owe to your *alma mater*. To the extent that you have acquired them so to that extent will you be one of the group of people — and it is not a large one — on whom your country and indeed the world at large depends for vision and leadership.

This ceremony of graduation is here known as a Commemoration Ceremony. Our sister universities in the United States of America call it Commencement Day. This is indeed an apt description. I know that to many of you this day seems to represent a culminating point reached after long study and the final act in your career as a student. But it is none the less really a Commencement Day for it marks the point at which you now move out into the world, there to develop and to practise the skills and the knowledge you have acquired during your years first at school and then at the University of Adelaide. And remember that in your hands lies not only your own future but the future of this great and exciting country Australia — a country which in its development can, if it will, set a new pattern for the world.

Like those of you in my audience who are graduands, I too am beginning today my career as an Adelaide graduate. But while I am at least as proud as you are to become one it would be stretching things a little far to suggest that I am now about to commence my working life. Indeed after some thirty years or so of membership of the academic profession I could be regarded as a reasonably case-hardened specimen. So perhaps I may be pardoned if, for a few moments, I reflect a little, not on my new fellow-graduates, but on the university. I referred earlier to the problems we face as a result of scientific and technological progress; but not only individuals face them — institutions do so also and none more so than educational institutions. In the United Kingdom as in Australia the university world is in a ferment. We have on all hands the cry for more universities and within the universities themselves the cry for more money — and that on a scale which tends to disturb the Governments which must provide it. Now it is self evident that universities will need more money than they now receive if they are to fulfil adequately the functions which the State wishes them to fulfil. But do not let us pretend within the university system that money alone stands between us and perfection.

One of the most striking features in universities today — and not only in science although it may be more evident there — is the way in which the barriers between the traditional disciplines are crumbling and how new advancing frontiers of knowledge are making their appearance in the areas bordering on two, three, or even four of the traditional disciplines into which university studies have been in the past divided. As these new areas develop and spill over into everyday life the need will appear — and has indeed begun to appear already — for new types of courses which do not easily fit into our traditional faculty and departmental organisation. Here we need to do a lot of rethinking if we are to remain in tune with the times. This does not mean that we should discard those traditions which are the basis of our existence; but tradition should be our servant and not our master and should not be used as an excuse for avoiding change. A university must not become a mechanical dispenser of degrees to bigger and bigger numbers of students nor must it become an ivory tower remote and without influence on the community. It would not be difficult to cite examples from various countries to show how fatal to progress either of these paths can be. Fortunately we have as yet avoided these dangers in Adelaide but we must continually be alert to them and seek to counter them by flexibility in our organisation and by a willingness to change without sacrificing the fundamental tenets of the *universitas;* in that way alone can we go forward to a future even greater than our past.

Mr. Chancellor, I would once more express to you and through you to the University my sincere gratitude for the honour you have done me by making me one of your number today, and I hope that I may be privileged thereby to serve the University of Adelaide in the future. To my fellow-graduates today I offer my congratulations and wish them the happiness and success in their careers which they deserve. May they always look back on this day as I shall — with a feeling of pride and gratitude.

In opening the proceedings on April 14, the Chancellor, Registrar the Hon. Sir George Ligertwood, said:

Your Excellency, Mr. Deputy Chancellor, Mr. Vice-Chancellor, Mr. Warden, Members of the Council and Senate of the University, Ladies and Gentlemen:

May I begin by offering a special welcome to His Excellency the Governor, Visitor of the University of Adelaide, and to Lady Bastyan, his wife. They have honoured and deeply pleased the University by the friendly hospitality they so generously gave to us towards the close of last year and no less by joining us in our sorrow when we paid our tributes to Professor Bishop, whose death is so much and so widely lamented.

Unhappily we have suffered other losses this year. Mr. Ellesworth, Reader in Electrical Engineering, died in February. He was a strength to the department and will be greatly missed. Less than two weeks

ago, we suffered another tragic loss, when Professor May, so recently appointed to our chair of Plant Physiology at the Waite Institute, died suddenly at the age of 41.

To the widows and families of these deeply mourned men, we offer our keenest sympathy.

I wish now to say something of the University's plans and their relation to the report of the committee on the future of Tertiary Education. Long before the report was published, the University had been questioning its own proper functions, attempting to define them and to make plans for strengthening those branches of its work which seemed insufficiently developed. I can touch, and but briefly, on only three aspects of these plans.

First. At the Waite Agricultural Research Institute, the University has been able to fill a gap of which it had become increasingly conscious. In the closely linked sciences concerned with soil, plants and animals, very little had been done to promote animal studies until last year. With the coming of Professor Macfarlane, whom I welcome to the newly-created Chair and Department of Animal Physiology, the gap will be substantially closed; especially if, in the next Triennium the Australian Universities Commission supports our proposals for that work.

Second. At North Terrace, the University has advanced a long way in planning a substantial development of its research schools and has, in fact, during 1964 made great advances. But in this we have been and shall continue to be handicapped by insufficient funds until, as I hope, the grants made to us in the next Triennium bring about an improvement. These research schools are very important; they train those who will be teachers, not only in Universities, but also in the greatly strengthened Technical Colleges which are advocated by the committee on the future of Tertiary Education and which the Commonwealth Government has decided to support. There are 600 students enrolled for higher degrees in our research schools this year; a very useful number which we hope to see increase at a high rate. These students are older and more mature than undergraduates. Many come to us from other states and other parts of the world, including the United Kingdom. They do not fit very well into the existing residential colleges, where almost all places are taken by younger people working for their first degrees. There is a great need for a residential college expressly devoted to them, so that they may live less isolated lives; lives better integrated with the University. Adelaide is not alone in feeling concern about the living conditions of its higher degree students. Oxford and Cambridge have not yet properly solved the problem. I greatly hope that the plans we are making for the establishment of a modest residential college for higher degree students will come to fruition by the next Triennium. Once again, we are going to be dependent on the support which the Australian Universities Commission may give to our proposals.

The third great branch of the University's developing activities is at Bedford Park.

The need to extend the University's activities to a second site was recognised in 1958 when it was estimated that by 1965 over 8,000 undergraduate students would be enrolled at the University of Adelaide. For all practical purposes this number represents the physical capacity of the North Terrace site. In fact, this year there are 8,150 undergraduates enrolled at North Terrace, so that the University's foresight in this matter has been confirmed.

In 1960, the State Government offered the University the Bedford Park site of some 350 acres. The University gratefully accepted this offer; and development of the site for University purposes was approved by the Australian Universities Commission early in 1961. The University Council appointed Professor Karmel as Principal-Designate in the middle of that year.

The long period of planning which has taken place in the establishment of Bedford Park is now approaching its consummation. The University has kept to its timetable. Next year some 250 Arts Students and 150 Science Students will enrol at Bedford Park.

In 1966, first-year undergraduate work will be offered at Bedford Park together with some higher degree work including a Postgraduate Diploma in Social Administration. In the following three years, second, third, and fourth year work will be added progressively.

The University has been fortunate in securing a number of distinguished scholars to fill the first 16 Chairs at Bedford Park; and is now in the process of appointing a further 45 Readers, Senior Lecturers and Lecturers, to commence teaching early next year.

During the past two years the Bedford Park Library has been built up under the direction of its Librarian and now contains about 45,000 volumes. Gifts of valuable books have been made, for which the University is very grateful.

On the physical side 25 acres of sports fields have been developed on the site, 6,000 trees planted and extensive works and services completed. At present, the buildings for the four Academic Schools, the Library, the Students' Union and the Administration are rising. On 26th February last, the former Premier of South Australia, The Honourable Sir Thomas Playford, unveiled a plaque to commemorate the establishment of the University of Adelaide at Bedford Park. It was a memorable occasion. Some 200 people who had been directly or indirectly interested in the planning, assembled in perfect weather conditions on the vividly green playing field. After the plaque had been unveiled they were conducted up the sloping land to the embryo Academic Buildings, so that they could appreciate their magnificent siting and general layout and admire the breathtaking view across the thickly populated plain to the sea. They were profoundly impressed and were unanimous in their admiration of the project.

The B.A. courses at Bedford Park are based on two main ideas. The first is to group together subjects which are akin to one another; and the second is to steer a way between excessive specialisation on the one hand and superficiality on the other.

There will be two schools in the Humanities; one devoted to Literature and Linguistic Studies, which next year will comprise English, French and Spanish; the other devoted to the Social Sciences, which will initially comprise History, Economics, Geography, Comparative Government and Social Administration. This represents an attempt to achieve a grouping of the Arts disciplines according to the most fundamental divisions within them.

A decision to organise academic programmes in a certain way involves the exclusion of other possible course structures. There is not, and never will be, a wholly ideal arrangement of courses. We do not pretend that the arrangements planned for Bedford Park are ideal in every respect. But the choice made at Bedford Park has been guided from the beginning by certain clear and specific academic and educational purposes. If these purposes succeed and graduates are produced with a real grounding and high level of accomplishment in two related disciplines, Bedford Park will have made a significant contribution to University training in the Humanities in Australia.

As in the case of the Arts Courses, the B.Sc. Degree at Bedford Park has been planned to provide students with integrated programmes of study.

There will be two Science Schools; Physical Sciences and Biological Sciences. It is hoped that by thus explicitly recognising the existence of these two broad areas of activity in Science, it will be possible, both in undergraduate teaching and research, to achieve a high degree of coherence in the work of students.

Progress in Biological Science, particularly in the fields of Molecular Biology and control of growth has been one of the most striking Scientific advances of the past decade. Much of this progress has been due to the application of Physics, Chemistry and Mathematics to Biological problems. The integrated Biology Course at Bedford Park will have Biophysics, Biochemistry, Cell Physiology and Genetics as its main themes. It is hoped that through this integrated course Bedford Park will produce graduates who are equipped to use the widest possible range of scientific methods.

I want to emphasise that Bedford Park will not be a mere overflow from North Terrace. It is being planned as an academically independent unit of the University designed to develop its own corporate life. As a place of study it will be ideal – the Professors already appointed are distinguished and will have a worthy supporting staff of Readers and Lecturers. The ratio of students to staff will be low – no overcrowding of lecture theatres – ample room in the Library and the Union – ample playing fields and parking places for students' cars. If an intending student's proposed course fits the Bedford Park Schools, he will be well advised to choose Bedford Park.

The functions and activities of all Universities have begun to receive a great deal of attention outside the universities themselves. This attention has been much stimulated by the report of the committee on the future of Tertiary Education, which was published in the middle of last month. It seems to me that the key to the general pattern of

Tertiary Education recommended by the committee is found in the following words, which I quote from the report:

"The climate of opinion favours further expansion of higher education and the committee supports such expansion on both social and economic grounds." But it is also clear that the committee does not share the popular view that higher education means only education in the Universities. Indeed, the committee deplores this attitude and recommends a substantial expansion of the activities of our Technical Colleges and Institutes of Technology. Its report draws emphatic attention to the duty of the Universities to provide the graduates with higher degrees who will become teachers, not only in the Universities themselves, but also in the higher Technical Institutions which it wishes to see expanded. I have already mentioned that the University has been conscious of the importance of this duty and that it has pressed ahead with plans for the continued expansion of its Research Schools. In practice, however, as I have said, the University is for the present obliged by lack of sufficient funds to curtail this aspect of its planned development. By decision of the Commonwealth Government, the special finance provision for the support of the Research Schools is to be the same in 1965 and in 1966 as it was in 1964. Since the amount was determined, salaries have increased and all other costs will increase by, I suggest, about 5 per cent in 1965 and another 5 per cent in 1966. It is evident that with the same amount of money, we shall be able to do less this year than last and less again in 1966. We are obliged to pin our hopes on the recommendations of the Australian Universities Commission for the next Triennium and we do seem to have common sense on our side. This apparently querulous note for more money must not be allowed to conceal the gratitude which is owed to the Governments of the Commonwealth and the State for their splendid aid to this University over the past seven years and more.

In opening the proceedings on May 5, the Vice-Chancellor, Mr. H. B. Basten, said:

Mr. Deputy Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

It has been the practice for the Vice-Chancellor to give at Commemoration a report on the events of the past year. With the approval of the Chancellor, I propose to depart from that practice. The University prepares a very full, factual report for the Governor in Council, which is published annually in the calendar and those who are interested will find more material there than I would be able to include in an address such as this. Instead, I should like to discuss certain problems which are explicitly raised in the report of the Committee on the future of tertiary education in Australia and I should particularly like to address my remarks to the graduands, because you and your like in other States will be better able

than anyone to lead and to influence public opinion on these matters. You have more experience of them than most.

The problems are inherent in the basic policy which the Committee decided to adopt and that policy itself deserves examination. It is stated succinctly in the first chapter of the Committee's report. Let me quote:

> "During the post-war years in Australia, there has been a rapid increase in the number of people seeking higher education . . . The Committee believes that this reflects a genuine demand on the part of the Australian Community for increased opportunities for higher education . . .
> The climate of opinion favours further expansion and the Committee supports such expansion on both social and economic grounds."

Do you, the graduands, accept this statement? I imagine that when the Committee decided to support expansion on social grounds, it had in mind that most Australians want it. But they also want, perfectly properly, many other things. They want more money to spend as they wish, they want more medical and municipal services, they want more leisure. There may be other things which they want, and other things which some people would argue that they ought to want. But the whole list of their wants can only be met to the extent that their gross national production allows. So the Committee was quite right to examine whether expansion of higher education was justifiable on economic grounds, as well as social. In my opinion, it was also right when—in the context of economic argument—it said that education in the sciences and the arts should be regarded as an investment which yields direct and significant economic benefits and that economic growth in Australia is dependent upon a high and advancing level of education.

May I now give some examples of public expenditure on tertiary education in highly developed countries? Great Britain, the United States of America and Soviet Russia are at the top of the international table. They all spend from public funds ·8 per cent of their gross national product in this way. You will be interested to know that Australia also spends ·8 per cent thus. But private expenditure on higher education is less uniform among these countries. I imagine that in Russia it is nil. In the United States of America private expenditure is over 30 per cent of all expenditure on higher education and this fact puts the total spending of the United States on tertiary education far in front of all others! In Great Britain, private expenditure on higher education is about 10 per cent of all such expenditure. I do not know the figures for Australia, but I do know that in this University the figure is about 5 per cent and I suspect that much the same may be true of the other universities in this country.

There is one international table in which we, in Australia, hold top place. If the calculations of the Robbins Committee are correct, we spend on all forms of tertiary education more for each student successfully completing a course than any of the highly developed countries. This distinction is ours, mainly because of the number

who begin tertiary education and never complete it, but alsc because of those who do not graduate in the minimum time.

Why are we in this situation?

There is one feature of the Australian system of tertiary education which substantially raises the cost to the community of each successful graduate. Many students enrol in Australian universities having no intention of completing a degree course. Those who enter the public service wishing to teach in primary schools are required to enrol for some university work. They complete that work, but do not complete a degree course. They are counted by the statisticians among those who do not graduate, but it is quite wrong to count them, for that reason, as failures. They have done what they set out to do and have cost the universities in terms of money and accommodation and teaching-time exactly as much as any other students in their faculties.

There is another feature in the Australian system of tertiary education which makes for a low graduation rate. The number who genuinely fail in their degree courses is high. Suppose we compare our system with the present system in England. Despite quotas in some subjects in some Australian universities, it is generally true that an Australian student can get a place in an Australian university simply by succeeding, even by narrowly succeeding, in a matriculation examination. This is by no means true in England. Additional and stringent requirements are demanded of an English student before he can enter a university at all. He must have passed an advanced level public examination in two or three subjects relevant to the degree course on which he wants to embark. He must moreover have passed with good marks; because there are quotas into which he must be selected. Those who, in England, fail to obtain selection and never enter universities at all are properly to be compared with those who begin degree courses in Australian universities and fail to graduate. Strict selection at the time of entry into English universities explains why failures in them are much more rare than in our universities.

This certainly does not imply that we should remain content with our situation. Even if we don't want to change our system fundamentally we ought still to attempt to reduce the failure rate. There are adverse factors we should examine and try to ameliorate. Our entrance standards could be raised without going as far as the universities do in England. The motivation or environment of students—the two are probably connected—may for a variety of possible reasons be not conducive to success in university work. Perhaps students would be helped if more places in colleges and halls of residence were available at fees they could afford. Other factors are doubtless at work.

I hope I have said enough to show why our rate of public expenditure on higher education is not really comparable with the similar rates in England and Russia. We do so much miscellaneous work in our universities and accept so many students who either do not intend to graduate or else are likely to fail, that a great strain is put on our capacity to teach and on our accommodation while our

financial support remains no more than commensurate with that provided in Britain or Russia.

I should like now to discuss some of the actual recommendations of the Committee on the future of tertiary education.

The Committee believes that the present system of tertiary education in Australia places 'an undue emphasis on university education'. So it is not surprising that its practical proposals make for a greater diversity of tertiary education than we, in Australia, have traditionally known. There is to be expansion, but the universities are not to grow at a faster rate than in the past. The substantial expansion is to occur in the technical colleges and Institutes of Technology. Technical studies are widely defined: they should, in the view of the Committee, include not only training for those who will be engineers of various kinds; they should also include accountancy, data processing, business and para-medical studies and work in the humanities. The Committee believes that these opportunities for higher education ought to be made widely available to those whose characteristics suit them for the more practical type of course; those, in fact, who do not have the peculiar characteristics which fit people for the more analytical work which is the concern of universities.

These proposals, if you think them sound, seem to me to involve two distinct and serious problems. How do we find teachers for the still expanding universities and the more rapidly expanding technical colleges? And, how do we ensure that students go to the kind of institution for which they are suited?

The answer to the first problem will be found in a rapid expansion of the honours and research schools of the universities. They train the candidates for higher degrees from among whom teachers for universities and technical colleges must be enlisted. We cannot hope to attract from Great Britain as many such people as we have in the past; Great Britain has itself embarked on a plan for the rapid expansion of higher education. The universities, and certainly the University of Adelaide, are able and anxious to strengthen their research and honours schools; an injection of funds is the chief requirement in Adelaide.

The second problem is harder to solve. How shall we attract students best suited for technical studies into technical institutions and those with ability to succeed in university work into the universities? It is likely that all potential students interested in undertaking tertiary education do not have the same aptitudes. Some will do well at the analytical kind of work which is performed in universities. Others will do well at the more practical kind of work which is the proper concern of technical colleges and institutes of technology. In the past we have made insufficient provision for technical training in tertiary education, so that too much emphasis has, in fact, been given to a university degree as a professional qualification. If, as a consequence of the Martin Committee's proposals for technical education, we are able to offer the two distinct kinds of tertiary education in a satisfactory form, we shall have taken a step in the right direction. Provided the entrance qualifications required for each kind, guide students into the tertiary institutions

appropriate to their aptitudes, the failure rate in universities will be reduced. But the public attitude will also have to change towards university work. It will have to be recognised that it is suitable only for people with the appropriate aptitudes; and that these aptitudes are not, in a moral or social sense, superior to other aptitudes. They are simply different from each other.

You, the graduands, will doubtless form your own opinions on all these matters. Because of your intimate knowledge of the nature of university work and the critical judgement which you will have developed here, in this University, you will be admirably competent to lead public opinion, which seems immutable at any given time, but in fact is never immutable. Of this, I am certain. You will share my view that unless there is steady and well-conceived progress in the expansion of most forms of tertiary education, the economic and social well-being of Australia will suffer. Industry, secondary and primary, and also our social structure are growing in complexity and they depend increasingly on our having better educated, better trained people to sustain them.

I congratulate each one of you on the successful accomplishment of your work. I hope and wish for each of you that it will lead you into similar success in your chosen vocations.

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Financial Statements

1964

THE UNIVERSITY

Income and Expenditure Account for the

INCOME

NORTH TERRACE	*Schedule*	£	1964 £	1963 £
Government Grants–				
H.M. Government of S.A.–Under the University Act		39,000		39,000
Grant for 1964		2,728,000		2,051,120
			2,767,000	2,090,120
Interest–				
Commonwealth Inscribed Stock		—		3,332
Debentures		—		11,980
Treasury of South Australia		23,236		31,660
Agent-General		538		228
Mortgage Advances		1,341		1,525
Interest on Advances		—		52
Interest–Electricity Trust of S.A.		19,326		—
Interest–S.A. Gas Company		600		—
		45,041		48,777
Less Interest credited to Special Funds	M	24,432		17,570
			20,609	31,207
Interest and Dividends on Investments			16,907	14,991
Student Fees	N		395,987	359,205
Other Income	O		36,887	33,330
Deficit – 1963			—	8,509
Total North Terrace			3,237,390	2,537,362
Total Waite Institute			503,725	400,274
Total Bedford Park			160,873	77,043
			£3,901,988	£3,014,679

OF ADELAIDE

year ended 31st December, 1964

EXPENDITURE

NORTH TERRACE

	Schedule	£	1964 £	1963 £
Departmental–				
Salaries and Wages	A	1,824,058		1,403,610
Travelling Expenses–New Appointments		35,983		22,371
Faculty Expenses	B	24,049		19,940
Laboratory Maintenance Grants	A	141,668		125,345
Equipment and Furniture under £5,000	A	115,867		85,786
			2,141,625	1,657,052
Library–				
Salaries		94,665		68,302
Books and Binding		88,186		71,596
			182,851	139,898
Administrative Salaries			139,183	114,102
Research–				
Salaries	A	95,916		56,749
Equipment	A	55,491		37,377
Maintenance	A	61,120		37,702
Travelling Expenses	A	9,766		4,207
			222,293	136,035
Maintenance of Property–				
Caretakers' and Cleaners' Wages		89,161		71,907
Building Repairs, Maintenance, Minor Reconstructions, et cetera	C	96,908		117,942
Maintenance of Site and Grounds		25,061		24,202
Maintenance of Sports Grounds		11,716		11,731
			222,846	225,782
University College Scholarships			7,000	7,000
Sundry–				
Payroll Tax		56,257		43,899
Scholarships and Prizes	D	18,261		18,234
General Expenses – Printing, Stationery, Miscellaneous	E	94,382		79,670
Gas, Water, Electricity, Insurance	F	71,644		56,263
Special Grants	G	33,604		28,884
Study Leave	H	33,216		22,683
Superannuation Retiring Allowances		5,647		7,860
			313,011	257,493
Surplus – 1964			8,581	–
Total North Terrace			3,237,390	2,537,362
Total Waite Institute			503,725	400,274
Total Bedford Park			160,873	77,043
			£3,901,988	£3,014,679

THE UNIVERSITY

Income and Expenditure Account for the

INCOME

WAITE AGRICULTURAL RESEARCH INSTITUTE—	*Schedule*	£	1964 £	1963 £
Government Grants—				
H.M. Government of S.A.—Under the University Act		5,000		5,000
Grant for 1964		477,000		381,000
			482,000	386,000
Interest	P		14,637	12,403
Other Income	Q		7,088	1,405
Deficit — 1963			—	466
			£503,725	£400,274

OF ADELAIDE

year ended 31st December, 1964

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	Schedule	£	1964 £	1963 £
Departmental—				
Salaries and Wages	I	231,919		185,309
Travelling Expenses—New Appointments		1,905		1,448
Faculty Expenses		2,902		2,528
Laboratory Maintenance Grants	I	30,594		27,561
Equipment and Furniture under £5,000	I	28,800		19,740
			296,120	236,586
Library—				
Salaries		4,247		2,907
Books and Binding		6,474		5,323
			10,721	8,230
Administrative Salaries			32,421	28,553
Research—				
Salaries	I	12,081		5,715
Equipment	I	7,829		2,774
Maintenance	I	2,119		2,168
Travelling Expenses	I	160		130
			22,189	10,787
Maintenance of Property—				
Caretakers' and Cleaners' Wages		8,743		7,839
Building Repairs, Maintenance, Minor Reconstructions, et cetera	J	22,616		22,624
Maintenance of Site and Grounds		5,649		5,594
			37,008	36,057
Sundry—				
Payroll Tax		7,176		5,844
General Expenses—Printing, Stationery, Miscellaneous	K	20,906		19,093
Gas, Water, Electricity, Insurance		21,839		18,841
Study Leave		6,417		6,985
Superannuation Retiring Allowances		9,564		6,654
			65,902	57,417
Farm—				
Wages (including Gardeners)		18,329		16,078
Maintenance		4,794		4,515
Equipment		1,453		2,051
			24,576	22,644
Experimental Land—				
Maintenance		4,486		—
Equipment		1,488		—
Travel		168		—
			6,142	—
Surplus—1964			8,646	—
			£503,725	£400,274

THE UNIVERSITY

Income and Expenditure Account for the

INCOME

BEDFORD PARK

	Schedule	1964 £	1963 £
Government Grants–			
Grant for 1964		160,000	76,000
Deficit – 1964		873	1,043
		£160,873	£77,043

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling £323,399, detailed on pages 470-481 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, 1964, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

OF ADELAIDE

year ended 31st December, 1964

EXPENDITURE

BEDFORD PARK

	Schedule	1964	1963
		£	£
Academic Schools—Salaries and Wages		34,262	1,050
Travelling Expenses—New Appointments		2,967	2,292
Administrative Salaries		15,149	11,986
Library Salaries		25,445	4,914
Library Books		66,315	43,451
Library Maintenance		1,377	335
Payroll Tax		2,301	687
Research Salaries		826	—
Research Maintenance		106	—
Building Repairs		41	—
Study Leave		1,183	—
Maintenance of Site		—	5,569
Gas, Water, Electricity		714	161
Insurance		675	68
General Expenses, Printing, Stationery, Miscellaneous	L	9,512	6,530
		£160,873	£77,043

We further certify that in terms of sections 3 and 6 of the Universities (Financial Assistance) Act, 1963, in relation to the year 1964, 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,
SPRY, WALKER & CO., Chartered Accountants.

Adelaide, 10th May, 1965.

A. 1964 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES
DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	25,603	24	497	—	—	—	—	26,124
Philosophy	22,143	21	90	—	—	—	—	22,254
Psychology	52,189	2,838	3,925	2,411	1,999	1,505	35	64,902
Politics	23,296	27	60	311	—	—	97	23,791
History	66,956	347	192	3,435	—	211	601	71,742
English	56,112	374	160	2,992	—	16	350	60,004
French	17,917	71	42	—	—	—	—	18,030
German	22,842	115	155	1,317	—	3	123	24,555
Geography	42,749	1,992	1,225	882	18	544	1,414	48,824
Anthropology	4,911	99	532	545	854	701	143	7,785
Education	27,014	316	—	83	—	110	—	27,523
Economics	58,855	626	499	2,424	—	—	18	62,422
Commerce	22,946	211	114	1,144	—	—	90	24,505
Physics	87,972	13,271	11,678	8,437	11,833	7,325	394	140,910
Organic Chemistry	52,811	13,591	6,490	8,929	839	11,609	—	94,269
Physical and Inorganic Chemistry	79,166	14,119	8,782	9,040	9,564	5,556	—	126,227
Mathematics	67,069	275	806	1,556	296	72	221	70,295
Mathematical Physics	17,670	716	159	2,586	—	—	—	21,131
Geology	51,420	2,775	3,972	4,865	2,813	538	479	66,862
Economic Geology	13,782	1,114	975	750	645	18	157	17,441
Botany	48,823	4,332	7,857	7,200	3,150	1,783	616	73,761
Botany Field Stations	—	169	—	—	—	—	—	169
Zoology	60,343	3,624	3,867	7,781	2,706	2,398	1,131	81,850
Genetics	27,443	2,085	1,043	1,229	1,991	1,393	117	35,301
Biochemistry	34,407	7,003	6,847	4,519	1,763	3,489	—	58,028
Physiology	57,846	3,486	4,662	1,527	1,406	2,396	—	71,323
Medical Workshop	—	424	1,302	—	—	—	—	1,726
Carried Forward	£1,042,285	£74,045	£65,931	£73,963	£39,877	£39,667	£5,986	£1,341,754

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£1,042,285	£74,045	£65,931	£73,963	£39,877	£39,667	£5,986	£1,341,754
Microbiology	42,755	4,769	1,084	7,887	1,065	1,670	16	59,246
Pathology	43,061	2,551	1,601	—	—	—	—	47,213
Medical Animal House	—	1,211	788	—	—	—	—	1,999
Anatomy	40,766	1,589	1,157	428	—	—	—	43,940
Medicine	37,151	2,102	951	—	1,846	—	—	42,050
Obstetrics	31,885	2,207	3,701	650	—	—	—	38,443
Surgery	42,740	2,410	1,831	—	1,654	—	—	48,635
Child Health	16,315	673	509	—	—	—	—	17,497
Mental Health	7,109	348	762	—	—	—	—	8,219
Pharmacy	963	—	—	—	703	79	—	1,745
Dentistry	66,498	2,051	1,502	—	50	184	131	70,416
Library	—	3,790	972	—	—	—	—	4,762
Law	44,228	490	929	1,917	—	3	349	47,916
Music	25,216	—	—	1,700	175	142	—	27,233
Elder Conservatorium	46,009	5,384	1,998	—	—	—	—	53,391
Civil Engineering	64,444	2,000	3,652	2,531	906	802	19	74,354
Mechanical Engineering	56,077	3,467	1,657	1,166	1,152	2,216	72	65,807
Electrical Engineering	53,203	3,957	6,105	2,513	3,589	2,015	—	71,382
Chemical Engineering	32,437	3,487	3,760	1,017	4,350	606	23	45,680
Architecture	36,629	942	123	—	—	24	—	37,718
Computing Science	21,051	13,909	1,798	2,144	—	2,786	5	41,693
Engineering Survey Camp	—	735	181	—	—	—	—	916
Engineering Workshop	—	1,645	2,212	—	—	—	—	3,857
Social Studies	13,233	55	14	—	—	29	173	13,504
Physiotherapy	14,446	90	250	—	—	—	—	14,786
Visiting Professors	—	—	—	—	—	—	1,026	1,026
Maintenance Workshop	—	—	267	—	—	—	—	267
Carried Forward	£1,778,501	£133,907	£103,735	£95,916	£55,367	£50,223	£7,800	£2,225,449

A. DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£1,778,501	£133,907	£103,735	£95,916	£55,367	£50,223	£7,800	£2,225,449
Electrical Maintenance Workshop	—	—	11	—	—	—	—	11
Pensions and Gratuities	7,884	—	—	—	—	—	—	7,884
Photo Services	—	400	791	—	—	—	—	1,191
Physical Education	15,623	743	212	—	124	27	—	16,729
Ancillary Staff Superannuation	6,668	—	—	—	—	—	—	6,668
Caretakers	—	—	2,918	—	—	—	—	2,918
Books—for Research Purposes	—	—	—	—	—	4,405	—	4,405
Advertising	—	—	—	—	—	465	—	465
Medical Research	—	—	—	—	—	6,000	—	6,000
Travelling Expenses—New Appointments	—	—	—	—	—	—	1,966	1,966
Central Animal House	5,524	4,684	1,598	—	—	—	—	11,806
Radiation Safety Service	—	215	124	—	—	—	—	339
Australian Science Technicians' Association	—	242	—	—	—	—	—	242
Health Service	8,008	374	13	—	—	—	—	8,395
Medical School Administration	—	54	193	—	—	—	—	247
Motor Vehicles—General	—	—	2,527	—	—	—	—	2,527
Language Laboratory	1,850	409	335	—	—	—	—	2,594
Administration	—	—	3,410	—	—	—	—	3,410
Electronics Workshop	—	640	—	—	—	—	—	640
	£1,824,058	£141,668	£115,867	£95,916	£55,491	£61,120	£9,766	£2,303,886

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

EXPENDITURE

NORTH TERRACE

	£	£
B. *Faculty Expenses—*		
Arts—Printing and Stationery	1,193	
,, Advertising	2,213	
,, Additional Examiners and Supervisors	147	
Economics—Printing and Stationery	362	
,, Advertising	1,301	
,, Additional Examiners and Supervisors	8	
Science—Printing and Stationery	1,274	
,, Advertising	4,251	
,, Additional Examiners and Supervisors	867	
Medicine—Printing and Stationery	170	
,, Advertising	2,129	
,, Additional Examiners and Supervisors	1,935	
Dentistry—Printing and Stationery	96	
,, Advertising	807	
,, Additional Examiners and Supervisors	470	
Law—Printing and Stationery	133	
,, Advertising	170	
,, Additional Examiners and Supervisors	238	
Music—Printing and Stationery	81	
,, Advertising	29	
,, Additional Examiners and Supervisors	8	
Conservatorium—Advertising	432	
Engineering—Printing and Stationery	691	
,, Advertising	952	
,, Additional Examiners and Supervisors	293	
Social Studies—Printing and Stationery	17	
,, ,, Advertising	136	
Physiotherapy—Printing and Stationery	39	
,, Advertising	1	
Architecture—Printing and Stationery	63	
,, Advertising	139	
,, Additional Examiners and Supervisors	21	
Technology—Printing and Stationery	193	
Pharmacy—Advertising	405	
Examination Expenses—Degree and Diploma	1,153	
Faculty Expenses—General	1,429	
Physical Education—Printing and Stationery	17	
,, ,, Advertising	186	
		£24,049

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

EXPENDITURE

	£	£
C. *Building Repairs, Maintenance, Minor Reconstructions, et cetera—*		
Mitchell Building	2,728	
Elder Conservatorium	945	
Bonython Hall	360	
Prince of Wales Building	7,187	
Physics Building	6,101	
Darling Building	17,447	
Observatory	92	
Union Buildings	1,605	
Johnson Laboratories	5,061	
Maintenance Superintendent's Residence	9	
Benham Building	3,720	
Barr Smith Library	1,203	
Mathematics Building	4,309	
Main Engineering Building	5,326	
Mechanical Engineering Building	8,726	
Medical Building	6,526	
Mawson Laboratories	2,117	
Organic Chemistry Building	1,825	
R. A. Fisher Laboratories	5,427	
Napier Building	1,673	
Central Animal House	6,457	
Bragg Laboratories	202	
Staff Club Building	163	
Physical Education Centre	843	
New Physical Chemistry Building	17	
Building Repairs—Miscellaneous	4,295	
Engineering Annexe	1,488	
Maintenance Workshop	102	
St. Kilda Field Station	661	
Electron Microscope Suite	293	
		£96,908

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1964

Name	Opening Balance 1/1/64	Income	Expenditure	Closing Balance 31/12/64
Angas Engineering Scholarship	250	206	296	160
John Howard Clark Prizes	129	31	—	160
Stow Prizes and Scholarships	10	31	60	—*
Everard Scholarship	46	52	50	48
Eric Smith Scholarship	79	36	—	115
Archibald Mackie Bursary	31	7	—	38
Roby Fletcher Prize	—	8	10	—*
Dr. Davies-Thomas Scholarships	11	30	25	16
Hartley Studentship	11	30	37	4
Joseph Fisher Medal and Lecture	40	50	138	—*
Tinline Scholarship	77	53	30	100
David Murray Scholarships	1,602	176	87	1,691
John Bagot Scholarship	568	52	20	600
Bundey Prize for English Verse	65	13	10	68
John Creswell Scholarship	361	82	48	395
Alexander Clark Memorial Prize	96	18	13	101
Lister Prize	—	5	4	1
Carried Forward	£3,376	£880	£828	£3,497

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1964 – Continued

Name	Opening Balance 1/1/64	Income	Expenditure	Closing Balance 31/12/64
Brought Forward	£3,376	£880	£828	£3,497
John Lorenzo Young Scholarship	202	24	15	211
John L. Young Scholarship	569	77	50	596
Dr. Chas. Gosse Lectureship	469	80	1	548
Eugene Alderman Scholarship	36	38	37	37
Ernest Ayers Scholarship	787	97	120	764
George Thompson Bursary	35	9	—	44
Rennie Scholarship	15	17	—	32
Fred Johns Scholarship	1,821	166	—	1,987
Archibald Watson Prize	11	9	8	12
T. G. Wilson Travelling Scholarship	916	171	—	1,087
R. W. Bennett Prizes and Medals	72	28	16	84
Sir Robert Chapman Prize	13	16	11	18
Anna Florence Booth Prize	203	48	—	251
William Gardner Scholarship	—	102	102	—
Shorney Prize	242	62	16	288
Lucy Josephine Bagot Prize	43	26	40	29
Sir Herbert Angas Parsons Endowment	232	54	50	236
Selborne Moutray Russell Scholarship	199	60	17	242
J. Varley Endowment	178	59	34	203
Barr Smith Prize for Greek	21	8	10	19
Andrew Scott Prize for Latin	—	6	6	—*
James Gartrell Prize	8	10	10	8
Tormore Prize	19	7	12	14
M. Rees George Memorial Prize	63	13	6	70
Jefferis Memorial Medals	36	4	—	40
Tate Memorial Medal	15	4	—	19
The Cable Makers Association Prize	—	10	10	—
Lokan Prize	18	6	3	21
A.M.A. (Section of Clinical Medicine) Prize	—	10	10	—
Roche Products Prizes	—	10	10	—
St. Alban Scholarship	12	8	—	20
League of Nations Prize	167	13	—	180
Thornber Bursary	34	23	22	35
Keith Sheridan Prizes	458	45	—	503
Mining and Metallurgical Bursaries	—	200	200	—
E. W. Way Lectureship	59	27	—	86
Tennyson Medal	6	5	1	10
Elder Prize	—	—	10	—*
Robert Whinham Prize	6	5	—	11
Hardwicke College Prize	4	5	—	9
Way College Old Collegians Prize	15	10	18	7
Annie Montgomerie Martin Prize	6	8	6	8
Justin Skipper Prize	55	10	5	60
J. E. Jenkins Scholarship	415	364	200	579
Gladys Lloyd Thomas Scholarship	33	27	17	43
James Barrans Scholarship	504	172	90	586
Australian Society of Accountants Prize in Accountancy	—	30	30	—
Elsie Marion Cornish Prize	65	15	7	73
S.A. Chamber of Manufactures Inc.—Prize in Electronic Control	10 Dr.	20	10	—
Dental Board of South Australia Prize	11	—	—	11
Anders and Reimers Scholarship	315	53	21	347
Sir Archibald Strong Memorial Prize	249	37	15	271
Gavin David Young Lectureship Fund	283	137	—	420
Electricity Trust of South Australia Prize	—	11	11	—
Dental Board—Scholarship in Dental Surgery	103	—	103	—
Thomas Gepp Prize	60	13	5	68
Violet de Mole Scholarship	193	32	5	220
J. B. Cleland Prize	—	6	—	6
E. Harold Davies Fund	60	28	17	71
Edith Hubbe and Harriet Cook Prize	154	32	16	170
Natalia Davies Prize	19	16	10	25
Baker Endowment for Law	623	280	37	866
T. L. Borthwick Memorial Prize	3	5	5	3
Christopher and John Campbell Prize	39	27	15	51
Carried Forward	£13,540	£3,775	£2,298	£15,096

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

Name	Opening Balance 1/1/64	Income	Expenditure	Closing Balance 31/12/64
Brought Forward	£13,540	£3,775	£2,298	£15,096
Elder Travelling Scholarship	89	29	—	118
Guli Magarey Scholarship	7	25	57	—*
Frederick Bevan Memorial Scholarship	132	37	—	169
E. V. Clark Prize in Electrical Engineering	121	5	7	119
William Culross Prize	6	13	—	19
The Eva Lines Memorial Scholarship	100	30	—	130
Sir Hugh Cairns Memorial Prize	138	63	30	171
D. B. Adam Memorial Prize	50	17	20	47
Maude Puddy Scholarship	83	29	16	96
Gerard Prize in Electrical Engineering	21	21	21	21
Professor J. H. B. Tew: for Prizes in Economics	6	5	3	8
Baillieu Research Scholarships Repatriation Fund	1,700	325	75	1,950
Rutter Jewell-Thomas Medal and Prize	175	41	30	186
Institute of Chartered Accountants—Prize in Financial Accounting	—	11	11	—
Dr. Ruby Davy Scholarship	168	23	33	158
T. E. Barr Smith Travelling Scholarship—Agriculture	2,395	860	1,630	1,625
John Barker Scholarship for Medical Research	461	171	90	542
Thomas D. Hannon Prize (Aust. Dental Assoc.)	28	8	—	36
Philips Electrical Ind. Prizes in Electronics	—	60	60	—
W. Donnithorne Award	124	158	—	282
Pfizer Prize in Gynaecology	50	25	50	25
George Murray Scholarship	—	—	10,150	—*
Athol Lykke Award for Postgraduate Studies in Music	382	153	—	535
Chapman Memorial Scholarship	254	86	—	340
Weimar-Ohlstrom Prizes (German)	18	19	18	19
John Lewis Prize (Royal Geog. Soc. of A/sia)	—	5	10	5 Dr.
The British Psychological Society—Prize in Psychology	5	5	5	5
J. R. Wilton Prize	11	6	4	13
Charles Fenner Prize in Geography	6	6	10	2
The Electricity Trust Prize in Electrical Power Engineering	—	50	50	—
Sir A. Grenfell Price Prize in Geography	14	6	16	4
The Byard Prize	18	8	12	14
Adelaide Chamber of Commerce Prize	—	11	11	—
Kenneth and Hazel Milne—Travelling Scholarship in Architecture	789	400	401	788
Economic Society Prize—Economics	—	21	21	—
The Humes Prize in Civil Engineering	—	25	25	—
Australian College of General Practitioners Prize	—	20	20	—
Forwood Down Prize in Mechanical Engineering	—	21	21	—
Lienau Prize	41	27	—	68
Clement Q. Williams Memorial	31	25	40	16
The James Hardie Prize in Architecture	50 Dr.	100	50	—
Petroleum Refineries Aust. Pty. Ltd. Prize in Chemical Engineering	—	32	32	—
The Albright and Wilson Prize in Chemical Engineering Design	50	32	82	—
Florence Cooke Violin Prize	21	6	—	27
Union Carbide Prizes	—	100	100	—
J. G. Wood Memorial Scholarship	29	28	25	32
Fiske Prize of the Institute of Radio Engineers	—	10	10	—
Australian Welding Institute Prize	—	20	20	—
S.A. Institute of Architects Prize	31 Dr.	31	31	31 Dr.
The A. J. Schulz Bequest—Prizes in German	604	70	389	285
Sir William Goodman Scholarship	449	249	200	498
Bertha H. Sudholz Scholarship	235	112	—	347
James Hardie Prize in Civil Engineering	—	50	50	—
Edith Puddy Prize	—	7	6	1
Hope Crampton Prize	1	5	5	1
South Australian Gas Company Prize in Architecture	100 Dr.	100	—	—
Carried Forward	£22,171	£7,577	£16,245	£23,757

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1964 – Continued

Name	Opening Balance 1/1/64	Income	Expenditure	Closing Balance 31/12/64
Brought Forward	£22,171	£7,577	£16,245	£23,757
Smith Kline and French Prize in Microbiology	100	—	100	—
Sir Ronald Fisher Medal and Prize	5	11	11	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	—	157	100	57
Delta Sigma Delta Prize—Dentistry	—	11	—	11
Johnson and Johnson Prizes	—	100	100	—
John Storey Prizes	—	42	42	—
Roy Frisby Smith Prize	—	38	—	38
Ruth Heighway Memorial Prize	—	20	—	20
Esso Standard Oil (Aust.) Pty. Ltd. Prize	—	30	—	30
Clive E. Boyce Scholarships	—	21	—	21
	£22,576	£8,007	£16,898	£23,939

* The closing balances of these scholarship accounts have been transferred to the Income and Expenditure account.

Expenditure (Column 3)		£16,898
Excess—Closing Balance	£23,939	
Opening Balance	£22,576	£1,363
		£18,261

EXPENDITURE

North Terrace

	£	£
E. *General Expenses*—		
Caretaking and Cleaning	14,015	
Miscellaneous Charges	2,619	
Printing and Stationery—General	19,010	
Advertising—General	1,194	
Bank Charges and Duty Stamps	790	
Postages and Telegrams	8,544	
Maintenance of Office Machines	1,403	
Auditors' Fees and Legal Expenses	1,355	
Senate	692	
Telephone Charges	20,453	
Calendar—Printing	6,313	
Public Lectures	13	
Fire Protection Charges	1,493	
Travelling Expenses	1,429	
Australian Vice-Chancellors' Committee—Expenses	1,811	
Maintenance of Lifts—General	960	
Maintenance of Lifts—Medical Building	724	
General Service Vehicle Maintenance	435	
Interest on Overdraft	17	
Staff Fees Payable to Institute of Technology and other Schools	316	
Heating and Ventilation Account—Napier Building	811	
Heating and Ventilation Account—Bragg Laboratories	30	
Carried forward	84,427	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

EXPENDITURE

NORTH TERRACE

		£	£
Brought forward		84,427	
Heating and Ventilation Account—			
Barr Smith Library		380	
Geography Excursions		292	
S.A. Institute of Technology		412	
Geology Excursions		347	
Botany Excursions		214	
Dental Lockers		31	
Laboratory Breakages		5,101	
Departmental Removal Expenses		397	
Laundry Services		3,926	
		95,527	
Deduct Credit Balances—			
Discount Received	1,105		
Overhead Recovery	40		
		1,145	
			£94,382
F. *Gas, Water, Electricity and Insurance—*			
Gas and Electricity Supply		47,401	
Water Rates		11,945	
Insurance Premiums		12,298	
			£71,644
G. *Special Grants—*			
Adult Education		25,000	
Publications Fund		300	
Graduates' Union		1,107	
Australian Institute of Nuclear Science and Engineering		1,500	
Theatre Guild		456	
Adelaide University Regiment Band		50	
Staff Club		200	
Forsyth Dental Infirmary		341	
Oceanography		200	
Australian Journal		1,050	
Anthropological Research		200	
Postgraduate Committee in Medicine		3,200	
			£33,604
H. *Study Leave—*			
General		25,099	
Research-type Conferences		5,905	
Visiting Lecturers		533	
Short Overseas Conferences		1,679	
			£33,216

WAITE AGRICULTURAL RESEARCH INSTITUTE

DEPARTMENTAL FUNDS EXPENDED – 1964

SCHEDULE I.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Agronomy and Plant Breeding	66,297	6,147	4,364	2,111	1,178	222	—	80,319
Agricultural Biochemistry and Soil Science	57,426	9,804	8,872	2,984	928	467	—	80,481
Plant Pathology	39,744	3,665	2,465	2,929	1,235	597	—	50,635
Entomology	41,767	3,748	1,901	858	445	106	147	48,972
Plant Physiology	23,629	3,293	2,134	2,500	664	727	13	32,960
Animal Physiology	3,056	1,218	3,855	—	3,379	—	—	11,508
Biometry	—	—	—	699	—	—	—	699
Administration	—	—	3,895	—	—	—	—	3,895
South Wing Basement	—	474	—	—	—	—	—	474
Glasshouses	—	1,947	—	—	—	—	—	1,947
Fruit Fly	—	57	—	—	—	—	—	57
Students	—	178	48	—	—	—	—	226
Sheep Pens	—	63	—	—	—	—	—	63
Lab. Furniture	—	—	1,266	—	—	—	—	1,266
	£231,919	£30,594	£28,800	£12,081	£7,829	£2,119	£160	£313,502

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1964 – Continued

EXPENDITURE

WAITE AGRICULTURAL RESEACH INSTITUTE

	£	£
J. *Building Repairs, Maintenance, Minor Reconstructions, et cetera–*		
Laboratories–General	20,625	
Urrbrae House and Cottages	136	
Glasshouse	74	
Miscellaneous	1,781	
		£22,616
K. *General Expenses–*		
Telephone	3,284	
Printing and Stationery	2,415	
Freight and Cartage	482	
Photography	575	
Publications	907	
Travelling Expenses–		
General Administration	561	
Agronomy and Plant Breeding	2,140	
Agricultural Biochemistry and Soil Science	569	
Plant Pathology	1,487	
Entomology	2,392	
Plant Physiology	512	
Advertising	90	
Postages	998	
Laundry	689	
Cleaners' Materials	1,373	
Sundries	2,080	
Travelling Expenses–		
Farm	16	
Central Animal House	336	
		£20,906

BEDFORD PARK

L. *General Expenses–*		
Advertising	4,102	
Printing and Stationery	61	
Travelling Expenses	749	
Rent, Rates and Taxes	3,996	
Miscellaneous	545	
Telephone Charges	59	
		£9,512

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1964 – Continued

INCOME

NORTH TERRACE

		£	£	£
M.	*Interest–*			
	Treasury of South Australia Interest	23,236		
	Mortgage Advances	1,341		
	Agent-General–Interest	538		
	Interest–Electricity Trust of S.A.	19,326		
	Interest–S.A. Gas Company	600		
	Interest and Dividends on Investments	16,907		
			61,948	
	Less:			
	Interest Credited to Special Funds–			
	Personal Superannuation Accumulation Accounts	10,525		
	Other Trust Funds	13,907		
			24,432	
				£37,516
N.	*Fees–*			
	Arts		41,855	
	Economics		26,384	
	Science		71,868	
	Medicine		77,721	
	Dentistry		16,973	
	Law		30,911	
	Music		2,563	
	Conservatorium		14,054	
	Engineering		39,725	
	Technology		3,153	
	Social Studies		8,215	
	Physiotherapy		6,987	
	Agricultural Science		8,550	
	Optometry		24	
	Physical Education		1,454	
	Architecture		14,483	
	Pharmacy		303	
	General Service Fee		30,764	
				£395,987
O.	*Other Income–*			
	Rent Investment Properties	6,077		
	Less–Maintenance Properties	3,828		
			2,249	
	Calendar Sales		1,201	
	Examination Paper Sales		429	
	Hire of Rooms		344	
	Statement of Academic Record		423	
	Commonwealth Government Grant– Physical Education		2,100	
	Superannuation Commission		6,492	
	Carried forward		13,238	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

INCOME

NORTH TERRACE

	£	£
Brought forward	13,238	
Administration Charge Refunds	6,862	
Rural Credits Development Fund—Grant for Readership in Agricultural Economics	3,000	
Library Fees	300	
Library Fines	471	
Australian Mineral Development Laboratories Grant for Salaries in Economic Geology	400	
Parke-Davis & Co., Contribution towards Chair of Parasitology	1,000	
S.A. Association for Mental Health—Contribution to Chair of Mental Health	8,447	
Donation—Equipment—Economic Geology	100	
Annual Contribution by Union to Health Service	2,500	
Donation towards Establishment of M.B.M. Course	2,250	
C.S.I.R.O.—Grant for Salary—Zoology	500	
	39,068	
Less Transfer to Fund for Replacement of Major Equipment and Plant	5,000	
		£34,068

O. *External Scholarships and Prizes—*

The Cable Makers Association Prize	11	
A.M.A. (Section of Clinical Medicine) Prize	11	
Roche Products Prize	10	
Mining & Metallurgical Bursaries	200	
Aust. Society of Accountants Prize	30	
S.A. Chamber of Manufactures Prize	20	
Electricity Trust of South Australia Prize	10	6
Gerard Prize in Electrical Engineering	21	
Rutter Jewell-Thomas Medal and Prize	33	
Institute of Chartered Accountants Prize	10	
T. E. Barr Smith Travelling Scholarship in Agriculture	750	
Philips Electrical Industries Prizes in Electronics	60	
Pfizer Prize in Gynaecology	25	
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	6	
The Electricity Trust of S.A. Prize in Power Engineering	50	
Carried forward	1,410	2

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1964 — Continued

INCOME

North Terrace

	£	£
Brought forward	1,410	
A. Grenfell Price Prize in Geography	6	
The Byard Prize	5	
Adelaide Chamber of Commerce Prize	11	
Kenneth and Hazel Milne Travelling Scholarship in Architecture	364	
Economic Society Prize	21	
Humes Prize in Civil Engineering	25	
Australian College of General Practitioners Prize	20	
Forwood Down Prize in Mechanical Engineering	21	
James Hardie Prize in Architecture	100	
Petroleum Refineries (Aust.) Pty. Ltd. Prize	32	
The Albright and Wilson Prize in Chemical Engineering Design	32	
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	
S.A. Institute of Architects	32	
Sir William Goodman Scholarship	230	
James Hardie Prize in Civil Engineering	50	
Hope Crampton Prize	5	
S.A. Gas Co. Prize in Architecture	100	
Sir Ronald Fisher Prize	11	
Delta Sigma Delta Prize in Dentistry	11	
Johnson & Johnson Prizes	100	
John Storey Prizes	42	
Esso Standard Oil (Aust.) Pty. Ltd. Prize	30	
		2,819
		£36,887

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1964 – Continued

INCOME

Waite Agricultural Research Institute

	£	£
P. *Interest and Dividends–*		
Peter Waite Trust Fund	3,311	
Elizabeth Macmeikan Estate	8,000	
Hugh Hughes Estate	1,990	
James Waite Estate	50	
W. H. Sandland	421	
Mrs. L. M. Owen-Smyth	115	
Ranson Mortlock	750	
		£14,637
Q. *Other Income–*		
Waite Donations:		
J. T. Mortlock Bequest	1,000	
Sundry Income:		
Sundry Sales	202	
Rent Accounts–		
Dr. Best	104	
A. V. Lehmann	52	
N. F. S. Adams	26	
F. A. Couzens	26	
K. E. Farley	26	
J. Pennock	26	
A. B. Sanderson	26	
Rural Credit Grant–		
Animal Physiology	5,600	
		£7,088

THE UNIVERSITY

Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	Schedule	£	1964 £	1963 £
Endowments and Grants–				
General	(1)	1,297,431		1,293,129
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		1,547,262
Commonwealth Government		1,468,708		1,468,708
From Accumulated Funds		208,815		208,815
University Union Building Appeal		107,946		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
			4,737,766	4,733,464
Reserves and Special Funds–				
Special Donation Clinical Medicine		6,451		7,414
Invalidity Scheme Fund		28,551		23,352
Personal Superannuation Accounts		276,631		228,015
Ancillary Staff Superannuation		26,706		20,038
Share Fluctuation Reserve		65,523		65,611
H.M. Government of S.A. Advance		–		11,500
Income and Expenditure Appropriation Account	(3)	26,993		– 10,018
Fund for Replacement of Major Plant		40,000		35,000
Motor Vehicle Replacement Fund		4,707		5,201
Grants for Buildings, Fittings and Major Equipment:				
H.M. Government of S.A.		507,500		270,000
Commonwealth Government		507,500		270,000
C.S.I.R.O. Contribution towards Engineering Annexe		7,500		–
Donation towards Purchase of Land		20,000		–
Bank of Adelaide		180,040		–
Scholarship Funds	(4)	23,976		22,768
Library Funds	(5)	9,043		8,117
Special Funds	(6)	620,762		378,835
			2,351,883	1,335,833
Carried forward			7,089,649	6,069,297

OF ADELAIDE

Accounts as at 31st December, 1964

NORTH TERRACE

ASSETS

	Schedule	£	1964 £	1963 £
Investment of Endowments and Grants–				
Commonwealth Inscribed Stock	(13)	6,450		14,903
Share and Stock Investments	(14)	727,776		702,000
University Site		11,776		11,776
University Buildings	(15)	3,781,743		3,781,463
Other Land and Buildings	(16)	110,621		109,481
Books–Barr Smith Library		9,106		9,106
Advances on Mortgage	(17)	22,287		30,728
Funds held by Trustees	(18)	34,007		34,007
Michell Estate–Funds due to the University		34,000		40,000
			4,737,766	4,733,464
Investment of Reserves and Special Funds–				
Electricity Trust Debentures		94,763		142,277
Investment Properties and Improvements	(19)	18,746		23,560
Current Balances:				
Invested on Deposit with Treasury of S.A.		425,813		285,629
Bank of Adelaide		—		65,650
Agent-General for S.A., London		24,606		26,756
Cash, Debtors	(20)	681,496		57,446
Buildings in Progress	(21)	1,106,459		734,515
			2,351,883	1,335,833
Carried forward			7,089,649	6,069,297

THE UNIVERSITY

Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	Schedule	£	1964 £	1963 £
Brought forward			7,089,649	6,069,297
Funds Expended on Equipment—				
Contributed from Accumulated Income		237,831		237,811
Donations for Equipment	(7)	356,019		310,867
Donations for Library	(8)	27,347		25,031
Funds Provided by H.M. Government of S.A.—				
Equipment under £5,000		1,187,189		1,004,998
Library		491,870		403,684
Equipment over £5,000		45,000		45,000
Funds Provided by Commonwealth Government—				
Equipment and Furniture		74,202		74,202
Equipment over £5,000		45,000		45,000
			2,464,458	2,146,593
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
Endowments—General	(9)	235,140		231,065
Endowments for Laboratories	(10)	35,000		35,000
Donations	(11)	145,027		120,406
Contributed from Accumulated Income		92,697		92,697
Unexpended Funds	(12)	68,606		40,979
Motor Vehicle Replacement Fund		8,512		5,757
Funds Provided by H.M. Government of S.A.—				
New East Wing		55,750		55,750
Library Building		10,000		—
Animal Pens		2,500		—
Glasshouses		2,500		—
Equipment under £5,000		370,582		318,474
Library Books		53,793		47,319
Central Animal House		12,250		12,250
Grants by Commonwealth Government—				
New Wing		9,602		9,602
New East Wing		55,750		55,750
Central Animal House		12,250		12,250
Library Building		10,000		—
Animal Pens		2,500		—
Glasshouses		2,500		—
			1,184,959	1,037,299
Carried forward			10,739,066	9,253,189

OF ADELAIDE

Accounts as at 31st December, 1964

NORTH TERRACE

ASSETS

	Schedule	£	1964 £	1963 £
Brought forward			7,089,649	6,069,297
Equipment–				
Equipment	(22)	1,746,229		1,518,865
Library Books and Binding	(23)	605,593		515,092
Furniture	(24)	112,636		112,636
			2,464,458	2,146,593
WAITE AGRICULTURAL RESEARCH INSTITUTE–				
Electricity Trust Debentures		47,990		14,130
Share and Stock Investments	(25)	3,553		—
Funds held by Trustees	(26)	115,104		115,104
Land, Urrbrae House	(27)	54,455		54,455
Buildings	(28)	344,829		340,508
Equipment and Furniture	(29)	526,333		439,775
Library	(30)	64,916		58,442
Current Balances—Cash, Debtors	(31)	27,779		14,885
			1,184,959	1,037,299
Carried forward			10,739,066	9,253,189

THE UNIVERSITY

Statement of Balances of Capital

BEDFORD PARK—

LIABILITIES AND TRUSTS

	Schedule		1964	1963
		£	£	£
Brought forward			10,739,066	9,253,189
Funds Provided by H.M. Government, S.A.		318,000		40,500
Funds Provided by Commonwealth Government		318,000		40,500
Funds Provided by the University		44		44
Structural Engineers' Fees		7,878		—
Library Salaries Adjustment Account		210		—
Gardeners' Equipment		4,068		4,068
Library Books		109,766		43,451
A.I.N.S.E. Equipment Fund		2,835		—
A.I.N.S.E. Grant—Professor Brennan		19		—
A.I.N.S.E. Grant—Physics		1,914		—
Myer Foundation Grant—Biological Science		1,328		—
			764,062	128,563
Lord Mayor's Cancer Appeal Fund—				
Donations		£146,934		
Less Deficit Incurred in 1964		10,841		
		136,093		143,734
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		7,000
Current Account		10,107		—
Provision for Loss on Realisation of Stock		4,525		4,525
			185,725	183,259
			11,688,853	9,565,011

OF ADELAIDE

Accounts as at 31st December, 1964

BEDFORD PARK—

ASSETS

	Schedule	£	1964 £	1963 £
Brought forward			10,739,066	9,253,189
Expenditure of Capital Funds—				
Development Site Works and Services		52,019		52,019
Professional Fees		23,778		23,778
Equipment and Furniture		5,247		5,247
Gardeners' Equipment		4,068		4,068
Library Books		109,766		43,451
A.I.N.S.E. Grant—Equipment		2,835		—
Work in Progress	(32)	434,122		—
Unexpended Capital Funds—				
Building	£120,879			
Other	11,348			
		132,227		
			764,062	128,563
Lord Mayor's Cancer Appeal Fund—				
Electricity Trust Debentures		75,000		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
Gamma Ray Spectrometer Building		1,166		1,166
Current Account		—		9,704
Hostel—Gilles Street		12,170		—
			185,725	183,259
			11,688,853	9,565,011

THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES AND TRUSTS

Contingennt—

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. 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 M. I. Hatwell
Estate of Late R. A. James
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)
Estate of Late E. Macmeikan (Balance)
Estate of Late Rosye F. Mortlock (Balance)
Estate of Late Peter Waite (Balance)
Estate of Late R. T. Melrose (Balance)
Estate of Late W. H. Sandland (Balance)

W. MEIKLEJOHN,
Bursar.

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, 1964, 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, 1964 – Continued

ASSETS

Contingennt–

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. 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 M. I. Hatwell
Estate of Late R. A. James
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)
Estate of Late E. Macmeikan (Balance)
Estate of Late Rosye F. Mortlock (Balance)
Estate of Late Peter Waite (Balance)
Estate of Late R. T. Melrose (Balance)
Estate of Late W. H. Sandland (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 & CO., Chartered Accountants,
SPRY, WALKER & CO., Chartered Accountants,
Auditors.

Adelaide, 11th May, 1965.

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964

LIABILITIES AND TRUSTS

NORTH TERRACE

	£	£
1. *Endowments–General–*		
Sir George Murray (for General Purposes)	86,767	
Less Transferred to Equipment	500	
		86,267
Miss M. T. Murray (for General Purposes)		53,308
Sir Thomas Elder (for Medical School)		30,000
Sir Thomas Elder (for General Purposes)		25,600
Sir Thomas Elder (for Music School)		20,000
Sir Thomas Elder (For Mathematics and Natural Science)	20,000	
Sir Walter Watson Hughes (for Classics and Philosophy)	20,000	
		40,000
Sir Langdon Bonython (for Great Hall)		52,330
Sir Langdon Bonython (for Law School)		20,000
Dr. F. Lucas Benham (Benham Laboratories)		51,381
Gwen Michell Foundation (for Medical Research)		50,000
Gwen Michell Foundation (for Medical Research)		103,916
T. E. Barr Smith, Snr. (for Library Building)		34,719
T. E. Barr Smith, Snr. (for Library Fund)		10,000
T. E. Barr Smith (for Scholarship in Agricultural Science)		13,875
Barr Smith Library Fund–No. 1 A/c.		11,000
Barr Smith Library Fund–No. 2 A/c.		9,106
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 Simon Building)	9,500	
		36,172
S. D. Holdsworth Estate		36,209
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	
		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	
		25,000
Carried forward		1,046,027

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		1,046,027
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	
		52,198
A. M. Barnes Endowment (Balance)		353
Animal Products Research Foundation		7,073
J. E. Jenkins Scholarships Fund		6,975
Emma Jeffress Endowment		6,098
Dr. A. J. Schulz Bequest		5,167
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		5,705
Clive E. Boyce Fund		5,000
Sir William G. T. Goodman		4,000
James Barrens Scholarship Fund		3,000
John Barker Scholarship Fund		3,000
Donnithorne Awards Fund		3,041
Herbert John Wilkinson Memorial Prize Fund		3,400
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	
		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 Donation (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
Carried forward		1,221,034

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		1,221,034
Roy Frisby Smith Prize Fund		1,000
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
Ruth Heighway Memorial Prize Fund		704
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	
E. H. Cobley	2,703	
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	2,014	
E. F. Hern	1,157	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
		44,016
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
J. G. Wood Memorial Fund		514
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 Q. Williams Memorial Fund		500
Lienau Scholarship Fund		500
Edith Hubbe and Harriett Cook Prize Fund		500
Lucy Josephine Bagot Prize Fund		500
Sir Archibald Strong Memorial Prize		500
Gladys Lloyd Thomas Scholarship Fund		500
C. and J. Campbell Prize Fund		500
Maude Puddy Scholarship Fund		500
Rutter Jewell-Thomas Prize Fund		500
Guli Magarey Scholarship Fund		500
Mrs. G. Margarey Bequest (Elder Overseas Scholarship Fund)		500
Eva Lines Scholarship Fund		500
Dr. E. W. Way Lectureship Fund		473
Violet de Mole Memorial Fund		456
Keith Sheridan Prizes Fund		452
Carried forward		1,288,748

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		1,288,748
Thornber Bursary Fund		450
J. A. Bonnin Cup		320
Rennie Research Scholarship Fund		317
Natalia Davies Prize Fund		315
Sir Robert Chapman Prize Fund		311
D. B. Adam Prize Fund		311
John Lorenzo Young Scholarship Fund		300
Ruby C. Davy Prize Fund		300
Weimar-Ohlstrom Prizes Fund		300
William Culross Prize Fund		250
Alexander Clark Prize Fund		255
Elsie Marion Cornish Prize Fund		250
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
Edith Puddy Prize Fund		134
Australian Dental Association Endowment for Thomas D. Hannon Prize Fund		133
Tormore Old Scholars' Prize Fund		130
Byard Prize Endowment		130
J. B. Cleland Prize Fund		130
Andrew Scott Prize Fund		115
Hope Crampton Prize Fund		106
A. Grenfell Price 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		68
Tate Memorial Medal Fund		60
Hughes Statue Maintenance Fund		50
Jefferis Medal Fund		50
Sir Mark Mitchell (for Periodicals)		50
Elizabeth Jackson Library Fund		30
		1,297,431

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – 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	
			11,776
3. *Income and Expenditure Appropriation Account–*			
1963:			
North Terrace—Deficit		— 8,509	
Waite Institute—Deficit		— 466	
Bedford Park—Deficit		— 1,043	
Adult Education Centre		—	
Deficit, 1963			— 10,018
1964:			
Commonwealth Supplementary Grant for Salaries, July to December, 1963			20,000
North Terrace–Surplus	8,581		
Waite Institute–Surplus	8,646		
Adult Education Centre–Surplus	657		
		17,884	
Less Bedford Park–Deficit		— 873	
Surplus, 1964			17,011
Net Accumulated Surplus			£26,993
4. *Scholarship Funds–*			
Angas Engineering Scholarship		160	
John Howard Clark Prize Fund		161	
Everard Scholarship		48	
Eric Smith Scholarship		116	
Archibald Mackie Bursary		37	
Dr. Davies-Thomas Scholarship		17	
Hartley Studentship		4	
Tinline Scholarship		100	
David Murray Scholarship		1,691	
John Bagot Scholarship		600	
Bundey Prize Fund		68	
John Creswell Scholarships		395	
Alexander Clark Memorial Prize Fund		101	
Carried forward		3,498	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	3,498	
Lister Prize	1	
John Lorenzo Young Scholarship	211	
John L. Young Scholarship	596	
Dr. Charles Gosse Lectureship	548	
Eugene Alderman Scholarship	37	
Ernest Ayers Scholarship	764	
George Thompson Bursary	45	
Rennie Scholarship	32	
Fred Johns Scholarship	1,987	
Archibald Watson Prize	12	
T. G. Wilson Travelling Scholarship	1,086	
R. W. Bennett Prizes and Medals	84	
Sir Robert Chapman Prize	18	
Anna Florence Booth Prize	250	
Shorney Prize	288	
Lucy Josephine Bagot Prize	29	
The Angas Parsons Prize	236	
Selbourne Moutray Russell Scholarship	243	
Varley Scholarship	203	
Barr Smith Prize	20	
James Gartrell Prize	8	
Tormore Prize	14	
M. Rees George Memorial Prize	70	
Jefferis Memorial Medal	40	
Tate Memorial Medal	18	
Lokan Prize	21	
St. Alban Scholarship	20	
League of Nations Prize	180	
Thornber Bursary	35	
Keith Sheridan Prizes	503	
E. W. Way Lectureship	86	
Tennyson Medal	10	
Robert Whinham Prize	11	
Hardwicke College Prize	10	
Way College Old Collegians' Prize	6	
Annie Montgomery Martin Prize	8	
Justin Skipper Prize	60	
J. E. Jenkins Scholarship	579	
Gladys Lloyd Thomas Scholarship	43	
James Barrens Scholarship	585	
Elsie Marion Cornish Prize	73	
Dental Board of S.A. Prize	11	
Anders and Reimers Scholarships	347	
Sir Archibald Strong Memorial Prize	271	
Gavin David Young Lectureship	420	
Thomas Gepp Prize	68	
Violet de Mole Prize	220	
J. B. Cleland Prize	6	
E. Harold Davies Scholarship	71	
Edith Hubbe and Harriet Cook Prize	170	
Natalia Davies Prize	25	
Baker Scholarship	866	
T. L. Borthwick Prize	3	
C. and J. Campbell Prize	51	
Elder Travelling Scholarship	118	
Frederick Bevan Memorial Scholarship	169	
E. V. Clark Prize	119	
William Culross Prize	19	
Carried forward	15,522	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	15,522	
Eva Lines Memorial Scholarship	130	
Sir Hugh Cairns Memorial Prize	171	
D. B. Adam Memorial Prize	47	
Maude Puddy Scholarship	96	
Gerard Prize in Electrical Engineering	21	
Professor J. H. B. Tew Prizes	8	
Baillieu Research Scholarships	1,949	
Rutter Jewell-Thomas Medal and Prize	186	
Dr. Ruby Davy Scholarship	158	
T. E. Barr Smith Travelling Scholarship	1,625	
John Barker Scholarship	543	
Thomas D. Hannon Prize	36	
William Donnithorne Award	282	
Pfizer Prize in Gynaecology	25	
Athol Lykke Award	535	
Chapman Memorial Scholarship	340	
Weimar-Ohlstrom Prizes	19	
British Psychological Society Prize	5	
J. R. Wilton Prize	13	
Charles Fenner Prize	2	
Sir Grenfell Price Prize	4	
Byard Prize	14	
Kenneth and Hazel Milne Travelling Scholarship	788	
Lienau Prize	68	
Clement Q. Williams Memorial Prize	16	
Florence Cooke Violin Prize	27	
J. G. Wood Memorial Scholarship	32	
A. J. Schulz Bequest	285	
Sir William Goodman Scholarship	498	
Bertha H. Sudholz Scholarship	347	
Edith Puddy Prize	1	
Hope Crampton Prize	1	
Sir Ronald Fisher Medal and Prize	5	
Herbert John Wilkinson Memorial Prize	57	
Delta Sigma Delta Prize	11	
Roy Frisby Smith Prize	38	
Ruth Heighway Memorial Prize	20	
Esso Standard Oil (Aust.) Pty. Ltd. Prize	30	
Clive E. Boyce Scholarship	21	
		23,976

5. *Library Funds–*

T. E. Barr Smith Endowment Income	1,555	
Sir William Mitchell Endowment Income	966	
Elizabeth Jackson Fund Income	205	
A.M.A. Library	1,204	
A. M. Simpson Library Income	272	
Kate Helen Weston Library	23	
S.A. Tuberculosis Association Library	49	
Australian Dental Association Library	147	
Herbert Shorney Memorial Library	71	
Carried forward	4,492	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward		4,492	
Library Deposits		3,640	
Elizabeth Mills Bequest for Library Books		10	
Sir Mark Mitchell–Periodicals Income		52	
Australian Association of Psychiatrists Grant for Medical Library		7	
S.A. Brewing Company–Department of Microbiology Library		146	
Australian Physiotherapy Association–Library		364	
Georgina Mills Estate Library		12	
Collegiate School of St. Peter Library Grant		7	
Adelaide University Film Society Library		26	
Viscount Dunrossil Memorial Library		20	
J. F. Hawker Bequest Library		126	
Enterprise Development Association Library		141	
			9,043

6. *Special Funds–*

Consulting and Research Funds–

Civil Engineering–Donations for Concrete Research	256	
Illuminating Engineering Society Grant	15	
Grant for Latitude Observations	8	
Animal Products Research Foundation	2,708	
Geology Department Consulting Fund	244	
Pipe Transmission Line Structure	10	
Economic Geology–Consulting Fund	47	
Consulting Fund–Physical and Inorganic Chemistry	47	
Consulting Fund–Civil Engineering	3,176	
Organic Chemistry–Research Fund	547	
Mechanical Engineering Research Fund	12	
Consulting Fees–Economics	94	
Child Health Research Fund	977	
Mechanical Engineering Consulting Fund	88	
Speech Bandwith Compression Equipment Grant–P.M.G. Department	1,250	
Autopsy Fees	1,107	
Consulting Fund–Child Health	1,031	
Computing Centre Consulting Fund	270	
Mental Health Research Fund	177	
Animal Ecology Research Fund	100	
Melbourne Cultural Centre Fund	272	
Health Service–Consulting Fees	10	
Biopsy Fees–Dental	25	
Mineralogy–Consulting Fund	30	
Obstetrics and Gynaecology–Endocrine Project	95	
Physiology Testing Fees	132	
Commerce Consulting Fund	94	
		12,822
Carried forward		12,822

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		12,822
Anthropological Research Funds–		
General Account	207	
Mr. Mountford	718	
Professor A. A. Abbie	1,459	
Film Account–General	50	
Australian Institute of Aboriginal Studies Grant–Dr. Ellis	31	
Australian Institute of Aboriginal Studies Grant–Professor Campbell	82	
Australian Institute of Aboriginal Studies Grant–M. Barrett	39	
Australian Institute of Aboriginal Studies Salaries Grant–Strehlow	221	
		2,807
Medical Research Funds–		
The Gwen Michell Foundation for Medical Research	17,930	
The Gwen Michell Foundation Reserve for Fluctuation of Shares	716	
Sheridan Bequest	4,478	
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	2,009	
S. McGregor Reid–Reserve for Fluctuation of Shares	22	
J. B. Reid–Reserve for Fluctuation of Shares	99	
Reginald Walker Estate	3,340	
Hoare Estate–Reserve for Fluctuation of Shares	111	
Lady Barr Smith Memorial Fellowship–Income Cancer Research	1,657	
		30,721
Special Purpose Funds–		
British Commonwealth Sponsored Overseas Scholarships	1,064	
Anonymous Donation–Clinical Medicine	3,141	
Donation for Equipment–Dental School	25	
Carried forward	4,230	46,350

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	4,230	46,350
Elder Conservatorium—Donation for Purchase of Gramophone	165	
Commonwealth Postgraduate Scholarships Accumulation Fund	12,758	
Australian Society of Accountants' Lecture	118	
Bonython Hall Maintenance	66	
Permanent Orchestra Fund	1,012	
Rose Grainger Orchestral Fund	1,074	
Students' Loan Fund	1,530	
Conservatorium Students' Fund	507	
Board of Social Studies—Students' Fund	242	
Shaughnessy Endowment Income	23	
Hughes Statue Maintenance Fund	45	
Reiman Memorial Fund	1	
Robin Memorial Lecture Fund Income	129	
Joseph Verco Memorial	3	
Sheridan Family Grave Maintenance Account	143	
Donation for Furnishing South Hall—Elder Conservatorium	50	
Sir Douglas Mawson Portrait Fund	161	
Donation for Purchase of Musical Instruments	25	
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library	931	
Radioisotope Fund	154	
Donations towards Chair of Microbiology	300	
Donations—Chair of Mental Health	200	
Donations for the Maude Puddy Library	1	
The McGregor Fund	2,000	
A. M. Barnes—Income	2,475	
Anonymous Donation—Medical School	36,879	
Publications Fund	1,186	
Professor Smart's Monograph	116	
Publications Account—"Paradise of Dissent"	738	
Donations for Purchase of Codex Manesse	70	
Cirrus Computer Funds	13,181	
J. A. Bonnin Cup—Income	23	
Microbiology Special Fund	1	
C.S.I.R.O. Special Grant—Zoology	1,500	
Colgate-Palmolive—Donation to Establish Readership in Preventive Dentistry	3,592	
Elder Conservatorium Special Fund	287	
Physical Education Research Fund	53	
University Music Society Fund	1,727	
N. Stannus Gunning Endowment—Income	2	
Microscope Fund—Geology	50	
John F. Kennedy Memorial Fund Appeal	1,740	
A. J. Schulz Bequest—Income	320	
Geigy (A/sia.) Pty. Ltd.—Donation for Furniture and Equipment – Pathology	8	
R. K. Morton Memorial Fund	1,896	
Grant for Oceanography	200	
		91,912
Carried forward		138,262

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		138,262
Provisions–		
Surplus Proceeds Sales of Shares for Building Purposes	24,600	
Reserve for Fluctuation of Shares–		
G. Gollin Estate	733	
A. M. Barnes Estate	3,051	
S. D. Holdsworth Estate	10	
Reginald Walker Estate	289	
Milne Scholarship Fund	221	
Realization of Obsolete and Surplus Equipment–		
Physical Chemistry	131	
General	1,467	
Pathology	95	
Medicine	1,436	
Chemical Engineering	631	
Maintenance Workshop	36	
Physics	209	
Physiology	37	
Microbiology	200	
Geology	195	
Gardeners	1	
Economics	109	
Sales of Equipment–Physics Department	252	
Realization of Obsolete and Surplus Equipment–		
Dentistry	191	
Medical School	25	
Genetics	69	
Conservatorium	76	
Refund of Insurance–Darling Building	140	
Realization of Investment Properties	7,860	
Provision for Damage by Storm and Tempest	600	
Provision for Laboratory Space for Microscope Workshop	500	
Adult Education Motor Vehicle Replacement Fund	364	
Bedford Park–Motor Vehicle Replacement Fund	602	
Reserve for Civil Engineering Special Equipment	11,507	
Provision for Purchase of Special Equipment for Testing Concrete	1,445	
		57,082
Research Grants–		
Commonwealth Grant for Australian Literature	110	
N.H.M.R.C. Grant	189	
N.H.M.R.C. Grant–Child Health	19	
Estate of the late Mrs. P. M. Bowling–		
Physiology	350	
Medicine	7	
Carried forward	675	195,344

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	675	195,344
Department of Air and Civil Aviation—Aeromedical Research	2,736	
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	1,623	
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	1,786	
Monsanto Chemicals Grant—Physical and Inorganic Chemistry	135	
Rural Credits Fund—Zoology	1,354	
General Motors-Holden's—Postgraduate Research Fellowship	344	
General Motors-Holden's—Postgraduate Fellowship (Swann)	4	
General Motors-Holden's—Postgraduate Fellowship (Ramsay)	600	
General Motors-Holden's—Postgraduate Fellowship (Chandler)	600	
General Motors-Holden's—Postgraduate Fellowship (Corbett)	366	
Australian Atomic Energy Commission Research Grant—Chemical Engineering	81	
E.T.S.A. Conductor Account	7	
American Chemical Society—Organic Chemistry No. 2	3,428	
C.S.I.R.O. Grant—Physiology of Native Mammals	16	
Philips Electrical Industries Pty. Ltd—Postgraduate Scholarship	207	
Merck Sharpe and Dohme Grant—Microbiology Research	60	
Glaxo Laboratories—Grant to Microbiology	423	
U.S. Public Health Service Grant to Microbiology	1,435	
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)	208	
G.M.H. Ltd. Postgraduate Studentship in Traffic Flow	1,800	
C.S.R. Scholarship—Physical Chemistry	100	
Australian Elizabethan Theatre Trust—Grant for Opera	849	
Pfizer Corporation Grant—Child Health	70	
Smith, Kline and French Laboratories Grant—Child Health	62	
Nuffield Foundation Grant—Microbiology	2,208	
Wellcome Fund—Microbiology	6	
Carried forward	22,382	195,344

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	22,382	195,344
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Physiology and Pharmacology	724	
A.I.N.S.E. Grant—		
Dr. Kennedy	98	
Dr. Medlin	300	
Dr. Laurence	52	
Physical Chemistry	147	
H. S. Green	560	
Dr. J. Monro	36	
Professor Jordan	1,542	
Professor Carver	12	
Postdoctoral Fellowship	2,501	
Professor Stranks	73	
Australian Institute of Nuclear Science and Engineering—Physics and Physical Chemistry	13	
International Law Association Grant—Professor O'Connell	717	
A.A.E.C.—Grant to Physical Chemistry (Cattrall)	498	
G. D. Searle & Co.—Grant to Obstetrics	741	
Australian External Affairs—Antarctic Division Grant (Botany)	4	
Sigma Co.—Grant to Child Health	399	
U.S. Department of Health—Grant to Child Health	347	
C.S.R. Co.—Grant to Mining and Metallurgy	13	
Nuffield Foundation Grant to Geology	50	
Kappa-Kappa-Kappa Incorporated – Grant to Dental School	885	
National Heart Foundation of Australia—Grant to Physiology	461	
National Heart Foundation of Australia—Grant to Medicine	120	
National Heart Foundation of Australia—Grant to Child Health	165	
National Heart Foundation of Australia—Grant to Genetics	2	
National Heart Foundation of Australia—Grant to Junior Medical Research Fellowship	149	
U.S.P.H.S. Grant—Zoology	1,646	
Irrigation Research—Civil Engineering	1,525	
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	448	
Reserve Bank—Rural Credits Development —Physiology	209	
Australian Road Research Board Grant—Mathematics	287	
Adelaide Children's Hospital Research – Child Health	1,379	
Carried forward	40,420	195,344

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	40,420	195,344
A.A.E.C. Research Contract—Physics	15	
Australian Cattle and Beef Research Committee—Zoology	1,101	
Australian Cattle and Beef Research Committee—Senior Postgraduate Studentship	63	
A.A.E.C. Research Contract—Kennedy	1,011	
U.S. Department of Health Grant—Organic Chemistry	3,648	
Water Research Foundation Grant—Chemical Engineering	76	
National Heart Foundation Grant—Zoology	336	
National Heart Foundation Fellowship—Hodge	280	
Australian Mineral Industries Research Association—Rheid Morphology Project	368	
Chemical Society Grant—Dr. West	81	
Economic and Financial Research Grant—"Australian Propensity to Save"	467	
Reserve Bank of Australia—Fiftieth Anniversary Postgraduate Scholarship	508	
United States Public Health Service—Psychology—Dr. P. Glow	963	
United States Air Force Grant—Physics	1,591	
Philips Electrical Industries Pty. Ltd.—Research Grant Physics—Dr. Lawrance	68	
Washington State University Grant—Botany	1	
Department of Supply—W.R.E., Salisbury—Physics	3,167	
Bushfire Research Committee Grant—Spark Arresters Research	991	
Commonwealth Wheat Fund—Biochemistry	567	
Nuffield Foundation Grant—Biochemistry	767	
C.S.I.R.O. Grant—Botany	1,554	
Squibb Institute Grant—Biochemistry	1,475	
Social Science Research Council Grant for "An Australian Bibliography of Agricultural Economics"	200	
Economic and Financial Research Fund	705	
Rural Credits Development Fund—Biochemistry	2,463	
Rothmans Junior Fellowship—Genetics	1,037	
W.R.E. Grant—Laser Research	3,599	
U.S.P.H.S. Grant—Dental	703	
William S. Merrill Co. Grant—Child Health	650	
Wool Research—Biochemistry	1,302	
Myer Foundation Grant—"Australian Bibliography of Agricultural Economics"	500	
U.S.P.H.S. Grant—Microbiology	3,001	
A.A.E.C. Grant—Inorganic Chemistry	3,667	
National Heart Foundation—Undergraduate Medical Research Fellowship	150	
Philips Electrical Industries Grant—Electrical Engineering	250	
		77,745
Carried forward		273,089

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward		273,089
Sundry Balances–		
Graduates' Union Fund (Capital Donations)	179	
Sundry Donations	190	
Broken Hill Smelters–Donation	62	
Joint Colleges Appeal Fund	5	
Insurance Deposits	16	
C.I.G. (Sth. Aust.) Limited	11	
Constance Fraser Income	918	
Civil Engineering Notebook	177	
Australian Humanities	100	
Adelaide University Union–Deposit	66,000	
Rockefeller Foundation–Donation for General Purposes	669	
Public Examinations in Music	17,309	
Public Examinations Board	3,414	
George Gollin Estate–Income	4,940	
Victoria Drive Fence–Fund for Maintenance	35	
Sale of Furniture–Vice-Chancellor's House	16	
Scholander Expedition	1	
Key Deposits–Physical Chemistry	18	
Diploma in Physical Education	3,137	
J. G. Wood Memorial Prize	84	
Chemistry Laboratory Deposits	18	
Professor Mitchell's Book Account	278	
Weapons Research Establishment–Mathematics Department	110	
Enuresis Patent	1,572	
Donation to Dental Department for Photographic Experiments	67	
Australian Music Library Donations	183	
Retiring Gratuity–E. C. Rogers	1,623	
Outstanding Accounts–Workshops	1,048	
Australian Economic Papers	115	
Computing Centre Fortran Fund	75	
Woodville Spastic Home	48	
Donations University Squash Rackets Club	10	
Biochemistry Symposium	1	
Refund on Electron Microscope–Zoology	245	
Sir Ronald Fisher Memorial Appeal–Income	1,198	
English Department Study of Poetry Seminar	265	
English Department Southern Review	184	
C.S.I.R.O. Grant for Animal Ecology Research	2	
Motors Limited–Donation for Economics Department	25	
Postgraduate Committee in Medicine–Accumulated Income	302	
Postgraduate Committee in Dentistry	4,004	
Anti-Cancer Cytology Service	42,149	
H.M. Government Advance for Fees Relief	3,274	
Carried forward	154,077	273,089

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward	154,077	273,089	
Appointments Board—Entertainment Fund	49		
Retiring Gratuity—H. O'Goerk	1,064		
William Silver Memorial Fund	402		
Donation for Expenses—Electron Microscope	77		
Refund on Medical School Equipment	56		
Departmental Salaries—Adjustment Account	8,706		
Library Salaries—Adjustment Account	1,687		
Sundry Staff and Other Credit Balances	2,136		
Superannuation Suspense Account	38,697		
Postgraduate Foundation in Medicine	8,495		
Unexpended Capital Building Grant—Bedford Park	120,879		
Unexpended Other Capital Funds—Bedford Park	11,348		
		347,673	
			620,762

7. *Donations for Equipment—*

Sir George Murray		500	
Anonymous Donation—Staff Common Room		1,006	
R. Barr Smith		1,010	
Carnegie Corporation Books		5,967	
Pharmaceutical Society of S.A.		718	
Department of Commerce—Advance for Equipment		753	
Damon Runyan Memorial Fund		2,480	
Commonwealth Postgraduate Scholarships		4,806	
N.H.M.R.C. Fund		9,934	
Medical Research Committee Fund		37,628	
Anti-Cancer Foundation Equipment Fund		470	
Engineering Testing Fees		7,294	
Civil Engineering Fund		9,031	
Consulting Fees—Electrical Engineering		108	
For Chemical Engineering Department—			
Broken Hill Pty. Co. Ltd.	5,000		
Electrolytic Zinc Co. of Aust. Ltd.	5,000		
North Broken Hill Ltd.	4,000		
Broken Hill South Ltd.	4,000		
Zinc Corporation Ltd.	4,000		
Imperial Chemical 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		
		23,950	
Civil Engineering Consulting Fund		1,550	
Donation for Equipment—Department of Geology		3,106	
Carried forward		110,311	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£
Brought forward	110,311
Mechanical Engineering Consulting Furniture Fund	253
Clinical Medicine Donation	8,980
Department of Civil Aviation – Electronic Equipment Fund	1,404
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	9,766
Michell Research–Equipment Fund	2,322
C.S.I.R.O. Grant for Capital Expenditure–Animal Ecology	266
Rural Credits Development Fund Grant for Zoology	5,228
Rural Credits Development Fund–Fruit Fly	1,026
Nuffield Foundation Grant for Inorganic Chemistry	6,500
Rockefeller Foundation Grant for Organic Chemistry	6,705
Motors Ltd.–Donation for Economics Department	1,975
Radio Research Board–Equipment Fund	11,015
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–Chemical Engineering Equipment Fund	2,984
U.S. Public Health Service–Equipment Fund	36,973
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	1,044
Geology Consulting Fund Equipment	469
Organic Chemistry Research Equipment	2,087
Funds for Special Equipment – Pathology	184
Carried forward	229,711

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£
Brought forward	229,711
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
General Motors-Holden's Donation–Mechanical Engineering Equipment Fund	177
Geigy (A/asia.) Pty. Ltd. Donation	42
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
Goitre Research–Medicine Equipment Fund	915
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
Donation for Optical Rotatory Dispersion Apparatus–Organic Chemistry Department	550
Rockefeller Foundation Grant–Research in Molecular Structure–Physics Department	1,994
W. R. E. Laser Research Equipment Fund	1,448
Economic Geology Special Equipment and Furniture Fund	1,301
H. B. Selby Donation–Physical Chemistry	25
A.I.N.S.E. Physical Chemistry Department Fund	8,397
A.I.N.S.E. Physics and Physical Chemistry –Equipment Fund	20
Irrigation Research Equipment Fund	1,326
International Law Association Equipment Fund	353
Reserve Bank Grant–Australian Wool Equipment Fund	166
A.A.E.C. Physical Chemistry Equipment Fund	1,708
Carried forward	325,429

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	325,429	
Australian Cattle and Beef Research Committee–Zoology	271	
U.S. Air Force–Physics–Equipment Fund	371	
Washington State University–Botany–Equipment Fund	277	
Australian Dairy Produce Board–Equipment Fund	200	
Department of Supply–Physics–Equipment Fund	626	
Water Research Foundation–Equipment Fund	53	
C.S.I.R.O. Grant–Botany Equipment Fund	346	
Rural Credits Development Fund–Biochemistry	1,055	
C.S.R. Grant for Mining–Equipment Fund	800	
Nuffield Foundation–Biochemistry–Equipment Fund	1,981	
Colgate Palmolive Pty. Ltd.–Equipment Fund	1,341	
Precilia M. Bowling Bequest–Equipment Fund	1,433	
Myer Foundation–Equipment Fund	477	
National Heart Foundation–Equipment Fund	11,824	
Australian Road Research Board Equipment Fund	1,534	
Computing Centre Consulting Fund	87	
A.I.N.S.E.–Physics–Equipment Fund	773	
Wool Research Committee and S.A. Wheat Research Council–Equipment Fund	930	
Nuffield Equipment Fund	478	
Philips Ltd.–Equipment Fund	420	
Australian Mineral Industries Research Association–Equipment Fund	81	
Commonwealth Wheat Industrial Research Council Equipment Fund	4,953	
Anthropological Research Equipment Fund	186	
Child Health Consulting Fund	18	
Melbourne Cultural Centre–Equipment Fund	12	
Physiology Testing Fees–Equipment Fund	39	
Adelaide Children's Hospital Grant–Child Health	24	
		356,019

8. *Donations for Library–*

T. E. Barr Smith Library Fund	5,928
Sir William Mitchell Library Fund	2,489
Elizabeth Jackson Library Fund	1,352
A.M.A. Library Fund	13,978
A. M. Simpson Library Fund	928
Kate Helen Weston Library Fund	12
Carried forward	24,687

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	24,687	
S.A. Tuberculosis Association Library Fund	901	
Herbert Shorney Memorial Library Fund	318	
Elizabeth Mills Library Fund	290	
Institute of Physics—Library Fund	58	
Australian Association of Psychiatrists Library Fund	34	
S.A. Brewing Co. Library Fund	339	
Australian Physiotherapy Association Library Fund	185	
Georgina Mills Library Fund	257	
St. Peter's College Library Fund	98	
Viscount Dunrossil Memorial Library Fund	180	
		27,347

9. *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	21,473	
Premiums on Conversion of Stock	1,678	
Mrs. D. Mortlock	10,104	
		235,140

10. *Endowments for Laboratories—*

Mrs. Rosye Mortlock and Mrs. J. T. Mortlock	10,000	
Sir John Melrose Endowment	10,000	
Family late John Darling	10,000	
J. T. Mortlock Endowment	2,000	
Empire Marketing Board	3,000	
		35,000

11. *Donations—*

C.S.I.R.O. Mineral Deficiency Fund	1,500	
C.S.I.R.O. Soils Investigation Fund	1,500	
C.S.I.R.O. for Plant Pathology House	1,650	
Commonwealth Bank for Plant Culture House	14,010	
Australian Wool Board	640	
J. T. Mortlock Donation for Livestock	500	
Rothman's Fellowship—Plant Physiology	837	
Carried forward	20,637	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward		20,637	
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	
Rural Credits Development Fund for Equipment		11,804	
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		
		9,337	
Shell Chemical Co.—Postgraduate Scholarship for Nematology		288	
A.I.N.S.E. Grant for Equipment		653	
National Sirex Fund Committee—Equipment Fund		1,639	
Nuffield Foundation—Equipment Fund		351	
Contributions to Alterations to Building		1,500	
Anonymous Donation for Animal Science		5,000	
Australian Cattle and Beef Research Equipment Fund		3,027	
State Wheat Research Equipment Fund		11,106	
Barley Improvement Equipment Fund		7,424	
Wool Research Equipment Fund		6,325	
Commonwealth Wheat Research Equipment Fund		26,602	
Sulphur Institute Equipment Fund		235	
Sheep Account Equipment Fund		768	
Anonymous Donation for Mass Spectrometer		4,852	
			145,027
12. *Unexpended Balances and Grants—*			
Lily Waite Estate—Income Account		995	
George Aitken Pastoral Research Trust		12	
I.C.I. of A.N.Z. Grant for Research		8	
Barley Improvement Fund		1,201	
Commonwealth Wheat Fund Income		824	
State Wheat Fund		835	
Rural Credits Development Fund—Grant to Insectary Building Fund		7,000	
Rockefeller Grant for Insectary		4,445	
Sheep Account		2,506	
Wool Research Fellowship—Grant-in-aid Wells		105	
Wool Research Fellowship—Income		20	
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	
Carried forward		21,687	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	21,687	
Agriculture Department Equipment Fund	109	
Locker Deposits	3	
Rural Credits Development Fund Grant for Insectary Facilities	1,400	
Sirex Fund Contribution to Insectary	2,350	
U.S.P.H.S. Equipment Fund	9,553	
Student Deposit	2	
Nuffield Foundation Grant for Entomology	1,340	
Grant for Research Sirex Wasp	1,781	
Australian Cattle and Beef Research—Agronomy	12,319	
Australian Cattle and Beef Research—Plant Physiology	1,449	
U.S. Public Health Education and Welfare Grant—Agricultural Chemistry	964	
Rural Credits Development Fund—Controlled Environment Cabinets—Agronomy	2,227	
Sulphur Institute Grant to Agronomy	1,122	
Agriculture Department Grant-in-aid Seamark	41	
Wheat Industry Research—Agricultural Chemistry	800	
Reserve Bank Grant—Electron Microscope	1,408	
U.S. Surgeon-General Grant—Animal Physiology	4,546	
Honey Board Grant	115	
Salaries Adjustment	2,215	
Sale of Land	3,175	
		68,606

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

NORTH TERRACE

	ASSETS	£	£	£
13.	*Inscribed Stock–*			
	Australian Consolidated Stock–			
	4½%–15/11/68		200	
	4½%–15/11/68		1,964	
	5% –15/2/67		3,286	
	5¾%–15/2/82		100	
	5¾%–15/2/82		500	
	5¼%–15/8/70		400	
				6,450
14.	*Electricity Trust Debentures–*			
	5¼% 1967	146,910		
	5¾%–"B"–1969	5,460		
	5¾% 1973	220,000		
	5% 1971	1,100		
	5¼% 1968	580		
	5¾%–"B"–1969	570		
	5¼% 1967	1,850		
	5¾% 1970	1,050		
	5¾%–"B"–1969	94		
	5¼% 1965	985		
	5¾% 1967	995		
	5¾% 1967	4,000		
	5¼% 1968	1,450		
	5¾% 1970	750		
	5¾%–"B"–1969	110		
	5¾% 1969	100		
	5¾% 1969	100		
	5¾% 1970	20,000		
		406,104		
	Less Transfer to Investment of Reserves £94,763			
	Transfer to Waite Institute 47,990			
		142,753		
			263,351	
	S.A. Gas Co. Bonds–			
	6% 1971	10,000		
	5½% 1975	500		
	3¾% 1966	272		
	5¾% 1969	2,300		
	5¾% 1969	2,800		
	5½% 1974	8,150		
	5½% 1965	100		
	4¾% 1968	50,000		
	5¾% 1969	300		
	5½% 1973	100		
	5½% 1974	1,000		
			75,522	
	Carried forward		338,873	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward		338,873	
Shares–			
Share Investments	165,241		
E. C. Hoare Bequest–Shares	2,367		
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	56,689		
Weimer-Ohlstrom–S.A. Gas Co. Stock	300		
A. M. Barnes Estate–Shares	4,879		
S. McGregor Reid–Shares	24,352		
Jean B. Reid–Shares	60,330		
Reginald Walker Bequest–Shares	26,736		
Milne Scholarship Fund–Shares	5,216		
Cellulose (Aust.)–T. E. Barr Smith (Lady Barr Smith Anti-Cancer Fellowship)	10,500		
S. D. Holdsworth Estate	14,255		
C.N.F. Unit Trust (Ronald Fisher Prize)	153		
Finance Corporation of Australia Ltd. (O. E. Braund Estate)	2,150		
		388,903	
			727,776

15. *Buildings, Furniture and Fittings–*

Bonython Hall		51,003	
Barr Smith Library–Building		239,315	
Mitchell Building		64,215	
Physics Building		70,985	
Glasshouse–Department of Genetics		2,216	
Staff Club Building		25,720	
Price of Wales Building		44,885	
Elder Conservatorium Building		35,337	
Darling Building		147,006	
Elementary Chemical Laboratory		3,678	
Refectory Building, Officers, etc.	174,649		
Union Hall	122,724		
George Murray Building	11,543		
Lady Symon Building	9,500		
		318,416	
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	
Carried forward		2,259,540	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	2,259,540	
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	
University Maintenance Workshop	11,585	
New Glasshouse–Botany	3,066	
Napier Building Stages I and II	372,415	
R. A. Fisher Laboratories	617,357	
Capital Development of Park 9	13,439	
Bragg Laboratories	121,571	
Physical Education Building	92,633	
		3,781,743

16. *Other Lands and Buildings–*

Globe Chambers–Victoria Square
Waymouth Street Property
Landed Estate–Northern Territory

MacKinnon Parade and Finniss Street Properties–

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
121 MacKinnon Parade, North Adelaide
77-79 Finniss Street, North Adelaide
73 Finniss Street, North Adelaide
83 Finniss Street, North Adelaide
93 Finniss Street, North Adelaide
89 Finniss Street, North Adelaide
85 Finniss Street, North Adelaide
51 Finniss Street, North Adelaide
61 Finniss Street, North Adelaide
Total 110,621

17. *Advances on Mortgage–*

15 Advances 22,287

18. *Trust Funds held by Trustees–*

Edward Neale	28,921	
Rosye F. Mortlock	5,086	
		34,007

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
19. *Investment Properties and Improvements–*			
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			
Gilberton Property			
Gilberton Property–Furniture			
Total			18,746
20. *Current Balances–*			
Petty Cash–Chief Clerk		100	
Materials in Workshop–			
Maintenance Workshop	6,243		
Instrument and Mechanical Maintenance Workshop	315		
Photographic Services Materials	359		
Work in Progress–Wages	136		
Work in Progress–Materials	54		
Stores Account	834		
Bulk Alcohol and Methylated Spirits	92		
		8,033	
Sundry Debit Balances–			
Universities Commission–Salaries	52		
Sir Douglas Mawson Anniversary Volume	548		
Outstanding Workshop Accounts	71		
Sundry Accounts	10,762		
Union Salaries and Wages	2,236		
Lawrence Matrix	227		
Staff Club	1,318		
Engineering Testing	611		
Cancer Research	2		
Dissipator Fund–Civil Engineering	221		
Anti-Cancer Campaign Committee	10,107		
Pharmaceutical Society	4,990		
Sturt Dam Fund	659		
Sturt Drain–Civil Engineering	1,934		
Model Fund–Civil Engineering	1,382		
Kangaroo Creek Dam Fund–Civil Engineering	371		
Harvard School of Dental Medicine	227		
Sundry Debtors–Library	26		
Anti-Cancer Cytology Services	4,635		
Chowilla Dam Fund	39		
Chowella Dam Fund–Equipment	100		
Australian Journal of Experimental Biology and Medical Science	242		
John Lewis Prize	5		
S.A. Institute of Architects Prize	32		
Anthropological Research–Strehlow	48		
Myer Foundation–Anthropological Research	8		
Australian Institute of Aboriginal Studies–Strehlow	163		
Reginald Walker Fellowship	1,643		
Realization of Surplus and Obsolete Equipment–Mechanical Engineering	4		
Carried forward	42,663	8,133	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward	42,663	8,133	
Patent Recording Apparatus	147		
C.S.I.R.O. Radio Research Board—Physics	268		
A.A.E.C.—Grant for Studentships	23		
G.M.H. Postgraduate Fellowship Grant-in-aid Mumme	5		
Adult Education—Commonwealth Government Grant for Australian Literature	487		
A.I.N.S.E. Grant—Dr. Tomlin—Physics	67		
National Heart Foundation of Australia Grant—Physiology	70		
Reserve Bank—Rural Credits Development Fund—Zoology	1,988		
Rothman Junior Fellow Grant-in-aid—Biochemistry	108		
Australian Road Research Board—Pathology	117		
National Heart Foundation Fellowship—Grant-in-aid Casely-Smith	278		
Wool Research Committee and S.A. Wheat Research Committee Grant—Zoology	932		
Nuffield Foundation Grant—Geology	744		
Wool Research Fellowship Grant-in-aid—Genetics	1		
Reserve Bank—50th Anniversary Scholarship	186		
Consolidated Zinc Rio Tinto of Australia Ltd.—Grant-in-aid Postgraduate Research Scholarship	121		
Wool Research Committee Grant—Economics	3,267		
Nuffield Foundation Grant—Biochemistry	1,352		
Colgate-Palmolive—Dentifrice Grant—Dental	630		
C.S.I.R.O. Genetics	117		
National Heart Foundation of Australia Grant—Biochemistry	33		
Department of Territories Grant—Medicine	627		
Wool Research Committee Grant—Zoology	1,160		
Reserve Bank Grant—Sources and Uses of Funds	104		
J. G. Wood Memorial—Furniture	77		
Funds Advanced to Bedford Park	44		
39 Loans for Fees	3,073		
13 Staff Advances	2,674		
Salaries Adjustment (H.M. Government of S.A.)	301,000		
Building Repairs and Minor Reconstructions—Advance Payment	4,000		
Library Books—Advance Payment	2,000		
Special Research Projects	55,000		
Commonwealth Government Supplementary Grant for Salaries	20,000		
Grants for Buildings—Commonwealth and State	230,000		
		673,363	
			681,496

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
21. *Work in Progress–*			
Barr Smith Library–Alterations	993		
Barr Smith Library–Alterations–Equipment and Furniture	1,689		
		2,682	
Prince of Wales Building–Alterations	24,857		
Prince of Wales Building–Alterations–Equipment and Furniture	248		
		25,105	
Napier Building–Stage 3	694,787		
Napier Building–Equipment	15,122		
		709,909	
Sporting Facilities		104	
Physical and Inorganic Chemistry Building Extensions	197,353		
Physical and Inorganic Chemistry Building Extensions–Equipment and Furniture	8,598		
		205,951	
Johnson Chemistry Building–Alterations		15,238	
Physical Education Building–Stage II	31		
Physical Education Building–Equipment and Furniture	568		
		599	
Engineering Annexe	13,331		
Engineering Annexe–Equipment and Furniture	428		
		13,759	
Engineering Annexe–Alterations for C.S.I.R.O.		6,386	
Staff Club Alterations	661		
Staff Club Alterations–Equipment and Furniture	1,096		
		1,757	
Purchase of Land–Adjacent Bedford Park		80,800	
Physics Workshop		11,016	
Cirrus Computer–Electrical Engineering		13,902	
Cirrus Computer–Computing Centre		17,774	
Electron Microscope–Zoology		1,443	
A.U.C. Research Equipment–Physics		34	
			1,106,459
22. *Equipment–*			
Equipment		1,241,684	
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 Metallury		23,950	
Special–Chemistry		3,479	
Napier Birks Room		1,975	
Animal Culture House (Darling Building)		753	
Carried forward		1,297,930	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward		1,297,930	
Special–Electrical Engineering		108	
Special–Geology		3,106	
Clinical Medicine		8,980	
C.S.I.R.O. Grant for Animal Ecology		266	
Animal Ecology (Rural Credits Development Fund)		5,228	
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		1,326	
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		9,766	
Electronic Research Equipment		1,001	
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 Chambers–Mechanical Engineering		11,656	
Back Numbers of United Kingdom and Australian Official Papers–Politics		5,097	
Gas Chromatography Assembly–Biochemistry		5,660	
Michell Research		2,322	
Sandoz Grant–Obstetrics		84	
Nuffield Foundation Grant–Geology		478	
Philips Electrical Industries Grant		420	
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		11,015	
Australian Atomic Energy Commission–Penman		652	
Atomic Research–Culver		815	
Atomic Research–Mining		1,706	
Carried forward		1,582,931	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£	£
Brought forward		1,582,931	
C.S.I.R.O.–Native Mammals		69	
Reserve Bank Equipment–Australian Wool		166	
Rural Credits–Fruit Fly Equipment		1,026	
Commonwealth Wheat Industry Research–Biochemistry		4,953	
Wool Research–Economics		741	
Australian Mineral Industries Research Association–Economic Geology		81	
House Mouse Research–Zoology		189	
A.I.N.S.E. Grant–Physics		773	
Myer Foundation		477	
Wellcome Fund–Microbiology		1,133	
C.S.I.R.O–Botany		346	
Rural Credits Development Fund–Biochemistry		1,055	
W.R.E. Laser Grant–Physics		1,448	
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		7,327	
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		998	
A.A.E.C. Physics		710	
Australian Cattle and Beef Research Committee–Zoology		271	
Geology Consulting Fund Equipment		23	
Australian Road Research Board–Pathology		1,534	
Rockefeller–Kuru Research Equipment		1,716	
National Heart Foundation Equipment		11,824	
Water Research Foundation–Chemical Engineering		53	
Commonwealth Postgraduate Scholarship Equipment		4,806	
U.S.P.H.S.–			
Child Health		7,602	
Zoology		862	
Physical Chemistry		712	
Physical Chemistry		5,206	
Psychology		4,181	
Dental Science		1,453	
N.H.M.R.C.–Equipment		9,934	
M.R.C. Equipment		35,111	
Colgate-Palmolive Pty. Ltd.		1,341	
Australian Dairy Produce Board–Biochemistry		200	
U.S. Public Health Service–Microbiology		16,957	
U.S. Air Force–Physics		371	
Electrical Research Board–Physics		698	
Washington State University–Botany		277	
Department of Supply–Physics		626	
Nuffield Foundation–Biochemistry		1,981	
C.S.R. Physical Chemistry		505	
Carried forward		1,728,313	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	1,728,313	
Projection Equipment–Union Hall	1,500	
Goitre Research–Medicine	915	
Postgraduate Committee–Medicine	114	
Adelaide Children's Hospital–Child Health	24	
Economic Geology Consulting Fund Equipment	1,035	
C.S.R. Mining	800	
Channel Pulse Height Analyser–Physics	5,155	
E.E.G. Recording Equipment–Psychology	6,251	
G.M.H.–Mechanical Engineering	177	
Geigy Donation–Pathology	42	
Anti-Cancer Foundation–Equipment	470	
Precilia M. Bowling–Medicine	543	
Precilia M. Bowling–Physiology	890	
		1,746,229
23. *Library Books and Binding–*		
Expended to 31/12/49	80,408	
Purchased from H.M. Government of S.A. Funds	491,870	
Carnegie Corporation–Expenditure	5,967	
T. E. Barr Smith Endowment for Library	5,928	
Sir William Mitchell Endowment for Library	2,489	
Elizabeth Jackson Endowment for Library	1,352	
A.M.A. Library Expenditure	13,978	
A. M. Simpson for Library	928	
Kate Helen Weston for Library	12	
S.A. Tuberculosis Association Donation for Library	901	
Herbert Shorney Memorial Library	318	
Elizabeth Mills for Library	290	
Institute of Physics–Donations for Library Books	58	
Australian Association of Psychiatrists–Grant to Medical Library	35	
S.A. Brewing Co.–Library Expenditure–Microbiology	339	
Australian Physiotherapy Association Library	185	
Georgina Mills Estate–Fund for Library	257	
St. Peter's College Grant–Library	98	
Viscount Dunrossil Memorial Library	180	
		605,593
24. *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	
		112,636

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

WAITE AGRICULTURAL RESEACH INSTITUTE

	£	£
25. *Share and Stock Investments–*		
S.A. Gas Co. Bonds (Sandland)	390	
Estate W. H. Sandland–Shares	3,163	
		3,553
26. *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	
		115,104
27. *Land–*		
Urrbrae, Claremont and Netherby Estates	42,455	
Alverstoke Estate	12,000	
		54,455
28. *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	
Carried forward	120,537	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	120,537	
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	19,186	
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	9,645	
Agronomy Garage	1,170	
Waite Animal House (Agricultural Chemistry)	3,114	
Central Animal House	24,505	
Farm Garages	1,293	
Glasshouse No. 22	2,521	
Caretaker's Cottage—Urrbrae	376	
Head House for Glasshouses	2,506	
		344,829

29. *Equipment and Furniture–*

Farm Equipment	14,873	
Laboratory Equipment	28,574	
Students' Equipment	2,148	
Farm Improvements	9,308	
Live Stock Account	3,030	
Equipment	324,007	
John Mortlock Research Station—Equipment	2,268	
Rural Credits Development Fund Equipment	10,000	
Rural Credits Development Fund Equipment—Agronomy	323	
Rural Credits Development Fund—Electron Microscope	10,303	
Rural Credits Development Fund—Plant Pathology	1,440	
Electron Microscope	19,977	
Wool Research Equipment—		
Agronomy	5,185	
Entomology	868	
Animal Physiology	272	
Barley Improvement Fund Equipment—Agronomy	5,070	
Barley Improvement Fund Equipment—Plant Physiology	2,353	
Commonwealth Wheat Research Equipment —Agricultural Chemistry	16,302	
Commonwealth Wheat Research Equipment —Agronomy	6,779	
Carried forward	463,080	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	463,080	
Commonwealth Wheat Research Equipment Plant Physiology	919	
Commonwealth Wheat Research Equipment Plant Pathology	81	
State Wheat Research Equipment—Agricultural Chemistry	9,447	
State Wheat Research Equipment—Agronomy	1,659	
Rothmans University Endowment Fund—Plant Physiology	837	
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	1,639	
Australian Cattle and Beef Research Equipment—Agronomy	928	
Australian Cattle and Beef Research—Plant Physiology	1,396	
Australian Cattle and Beef Research—Animal Physiology	702	
U.S.P.H.S. Agricultural Chemistry	9,553	
Department of Agriculture—Agricultural Biochemistry	109	
Sulphur Institute—Agronomy	235	
Central Animal House—Equipment	1,119	
Rural Credits—Animal Physiology	904	
Mass Spectrometer	13,028	
Furniture	18,852	
		526,333

30. *Library—*

Purchased from State Funds	53,793	
Library	11,123	
		64,916

31. *Current Balances—*

Petty Cash	50
Advance Account	100
Australian Wine Research Board	4
S.A. Fruitgrowers' and Market Gardeners' Pea Research	592
Sundry Debtors	4,048
Waite Equipment—Advance Payment	3,000
Waite—Library Books	1,500
Wool Research Fund	3,678
Deciduous Tree Research	37
Commonwealth Department of Health Grant—Systematic Mycology	421
Carried forward	13,430

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1964 – Continued

	£	£
Brought forward	13,430	
Rothmans University Endowment Fund—Plant Physiology	77	
Wheat Industry Fund of Victoria Scholarship	270	
Rural Credits Development Fund—Plant Pathology	963	
Rockefeller Grant—Plant Pathology	3,039	
Grants for Buildings—Commonwealth and State	10,000	
		27,779

BEDFORD PARK

32. *Work in Progress—*

P.A.B.X. and Telephone Cabling	2,572	
Roads and Drainage	104,434	
Landscaping	2,895	
Consultants' Fees	2,456	
Staff Architects' Salaries and Wages	15,042	
Staff Architects' Equipment	258	
Staff Architects' Maintenance	973	
Water	25,221	
Gas	1,742	
Electricity	16,081	
Sewerage	8,116	
Languages and Social Sciences Building	22,068	
Languages and Social Sciences Building—Equipment and Furniture	22	
Physical and Biological Sciences Building	127,684	
Physical and Biological Sciences Building—Equipment and Furniture	156	
Physical and Biological Sciences Building—Equipment and Furniture Undergraduate Laboratory	28,876	
Administration Building	4,987	
Administration Building—Equipment and Furniture	506	
Library Building	15,750	
Library Building—Equipment and Furniture	1,671	
Union Building	9,713	
Hall of Residence	4,195	
Minor Works—Switch Room	1,297	
Minor Works—Pumphouse	2,496	
Oval and Tennis Courts	7,836	
Gardeners' Salaries and Wages	5,242	
Gardeners' Equipment	3,073	
Gardeners' Maintenance	863	
Sports Changing Rooms	17,897	
		434,122

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Adult Education	Commonwealth Literary Fund
Anatomy	Wenner-Gren Foundation for Anthropological Research
Anthropology	Australian Institute of Aboriginal Studies
	Australian Institute of Aboriginal Studies
	Australian Institute of Aboriginal Studies
	Australian Institute of Aboriginal Studies
Biochemistry	Commonwealth Department of Health
	Rural Credits Development Fund
	Rothmans University Endowment Fund
	Australian Wool Board
	Australian Cattle and Beef Research Committee
	National Heart Foundation
	Squibb Institute for Medical Research
	Wheat Industry Research Council (Commonwealth)
	Nuffield Foundation
	Nuffield Foundation
Australian Journal of Experimental Biology and Medical Science	Commonwealth Department of Health
Botany	Washington State University
	Reserve Bank—Rural Credits Development Fund
	Reserve Bank—Rural Credits Development Fund
	C.S.I.R.O.
Physical and Inorganic Chemistry	Australian Atomic Energy Commission
	I.C.I.A.N.Z.
	Australian Institute of Nuclear Science and Engineering
	Australian Institute of Nuclear Science and Engineering
	Colonial Sugar Refining Co., Ltd.
	United States Department of Health Education and Welfare
	Monsanto Chemicals Ltd.
	General Motors-Holden's Ltd.
Organic Chemistry	American Chemical Society (Petroleum Research Fund)
	Monsanto Chemicals Ltd.
	United States Department of Health Education and Welfare
	General Motors-Holden's Ltd.

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Grant for Lectures on Australian Literature	658	500
Predoctoral Fellowship in Anthropology—P. Rao	155	—
Grant for Linguistic Research	1,625	3,300
Grant for Travel—Strehlow	713	730
Grant for Aboriginal Research—Dr. Barrett	56	39
Grant for Aboriginal Research—Dr. Campbell	70	80
N.H.M.R.C. Grant for Medical Research	1,305	—
Grant to Establish a Unit for Virus Biochemistry and Molecular Biology	1,987	2,350
Fellowship and Grant-in-aid	2,175	—
Grant for Research on Structure and Biochemical Aspects of Keratinisation	58	3,000
Senior Postgraduate Studentship	1,300	—
Grant-in-aid	1,533	1,750
Grant for Investigations Concerning the Synthesis and Metabolism of Organic Arsenicals	699	1,500
Grant for Wheat Improvement Research	6,737	5,000
Grant for Project on Structure and Biological Properties of a Homogeneous Deoxyribonucleic Acid	333	600
Grant for Project Concerned with the Chemical and Biological Properties of the Deoxyribonucleic Acid Component of Yeast Cytochrome b2	3,598	1,100
N.H.M.R.C. Annual Grant	2,000	2,000
Grant-in-aid	277	—
Grant for Research on Physiology of the Nutrition of Saltbush	1,022	200
Ecology of Cattle Grazing Land in Central Australia	—	880
Grant for Postgraduate Training in Biophysics	1,146	1,550
Grants for Research	600	3,740
Research Fellowship.	1,100	1,100
Grants for Research	5,992	1,925
Postdoctoral Fellowship	—	2,400
Studentship	750	100
Grant for Project: "The Diffusion Coefficients of Nucleic Acids"	540	—
Grant for Research on High Polymers	600	300
Postgraduate Fellowship	1,396	1,500
No. 2 Grant—New Aromatic Systems	1,454	3,400
Grant for Research on High Polymers	400	300
Grant for Research in "The Process of Tar Formation"	2,828	3,600
Postgraduate Fellowship	1,200	1,500
Carried forward	44,307	44,444

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Child Health	National Heart Foundation of Australia
	Adelaide Children's Hospital
	Sigma Company Ltd.
	United States Department of Health Education and Welfare
Dentistry	Commonwealth Department of Health
	Colgate-Palmolive Pty. Ltd.
	United States Department of Health Education and Welfare
Economics	Reserve Bank—Economic and Financial Research Fund
	Myer Foundation
	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
	Reserve Bank—Rural Credits Development Fund
	Wool Research Committee
Elder Conservatorium	Australian Elizabethan Theatre Trust
	Australian Institute of Aboriginal Studies
Civil Engineering	Reserve Bank—Rural Credits Development Fund, Pope Products Ltd., and Southern Cross Machinery Co.
Electrical Engineering	C.S.I.R.O., Electrical Research Board
	Department of Civil Aviation
	Philips Industries Pty. Ltd.
Chemical Engineering	Australian Atomic Energy Commission
	Water Research Foundation
Mechanical Engineering	Bushfire Research Committee
	U.S. Department of the Navy
English	Commonwealth Literary Fund
Genetics	C.S.I.R.O.
	Wool Research Committee
	Reserve Bank of Australia
	Rothmans University Endowment Fund

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Brought forward	44,307	44,444
Grant-in-aid	1,650	6,875
Grants for Research in Child Health	1,328	1,400
Grant for Assistance for Work on Penicillin Derivatives	—	390
Grant for Project: "Metabolism of Canine and Marsupial Heart"	5,466	5,000
N.H.M.R.C. Grant for Medical Research	—	250
Grant for Dentifrice Research Project	7,499	5,000
Grant for Growth Study of Australian Aborigines	1,975	2,600
Grant for Publication: "An Australian Bibliography of Agricultural Economics"	—	200
Grant for Publication: "An Australian Bibliography of Agricultural Economics"	—	500
Grant for Project: "Output and Productivity in Australian Manufacturing Industry 1948/49 to 1961/62"	995	700
Grant for Project: "The Australian Labour Market"	875	450
Grant towards Publishing "Studies in the Australian Capital Market"	1,500	—
Grant for Project: "The Australian Propensity to Save"	111	500
Econometric Analysis of the Structure of the Market for Australian Wool	—	1,850
Sources and Uses of Funds Analysis for a Sample of Wheat–Sheep Properties in South Australia	104	1,900
Grant for Postgraduate Programme in Wool Economics Research Training	7,890	13,300
Grant to Support Opera	601	850
Grant for Collection of Ethnomusicological Material—Dr. C. Ellis	115	130
Grants for Irrigation Research	7,085	4,600
Grant for Research on Control of Linear and Rotary Electro-Mechanical Motion	—	600
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	3,043	2,500
Grant for Project: "Adaptive Teaching Machines"	—	250
Grants for Research	752	320
Grant for Research in the use of a Wiped Film Evaporator for the Distillation of Sea Water	466	76
Grant for Spark Arresters Research	1,227	1,000
Grant for Research on the Hydrodynamics of Hydrojet Propulsion	—	3,000
Grant for Lectures in Australian Literature	—	100
Grant for Project on the Cytological Evidence on the Evolution of Marsupials	1,361	1,240
Fellowship	1,222	1,200
Fiftieth Anniversary Postgraduate Scholarship	1,625	1,600
Fellowship	2,149	3,000
Carried forward	93,346	105,825

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Geology	American Petroleum Institute
	The Nuffield Foundation
Economic Geology	Australian Mineral Industries Research Association
	Australian Development N.L.
	Beach Petroleum N.L.
Law	International Law Association
Mathematics	General Motors-Holden's Ltd.
	Australian Road Research Board
Mathematical Physics	Australian Institute of Nuclear Science and Engineering
	General Motors-Holden's Ltd.
Medicine	Commonwealth Department of Health
	Estate of late Precila M. Bowling
	National Heart Foundation
	National Heart Foundation
	Commonwealth Department of Territories Winthrop Laboratories May and Baker
Microbiology	Commonwealth Department of Health
	Merck, Sharpe and Dohme Laboratories Inc.
	United States Department of Health Education and Welfare
	United States Department of Health Education and Welfare
	Nuffield Foundation
Obstetrics	Sandoz Ltd.
	Upjohn Pty. Ltd.
	G. D. Searle & Co. Ltd.
	Commonwealth Department of Health
Pathology	Australian Road Research Board
Physics	C.S.I.R.O. Radio Research Board
	Department of Supply (Weapons Research)
	Department of Supply (Weapons Research)
	Philips Industries Ltd.
	Philips Industries Ltd.
	Australian Atomic Energy Commission
	Australian Institute of Nuclear Science and Engineering
	U.S. Airforce
	U.S. Airforce

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Brought forward	93,346	105,825
Grant for Research on Dolomite Sedimentation	—	700
Grant for Project: "Petrology of the Giles Project"	1,014	1,250
Grant for Rheid Morphology Project	3,613	4,000
Scholarship	250	—
Scholarship	250	—
Grant for Project: "Succession of New States"	5,539	1,000
Postgraduate Studentship in Theory of Traffic Flow	1,237	1,800
Fellowship	1,613	1,500
Grants for Research	2,092	1,800
Fellowship	1,125	—
N.H.M.R.C. Grant for Medical Research	2,844	7,250
Grant for Equipment	543	7
Grant-in-aid	5,307	5,245
Junior Medical Research Fellow	1,563	—
Grant for Goitre Research in New Guinea	1,132	—
N.H.M.R.C. Grant for Medical Research	7,146	10,210
Grant for Research by Professor D. Rowley	550	60
Grant for Research on role of Opsonins in the Native Susceptibility to Infections	9,371	11,250
Grant for Research: "Cellular Defence Mechanisms"	1,089	5,000
Grant for Work in the Field of Natural Immunity to Infectious Diseases	1,413	1,200
Grant for Research in Obstetrics	598	600
Grant for Obstetric Research—Prevention of Premature Labour	—	3,000
Grant for Work on Hormone Preparations	411	700
N.H.M.R.C. Grant for Medical Research	582	1,000
The Investigation of a Random Sample of Injury–Producing Traffic Accidents in Adelaide	6,637	6,000
Meteor Trails Research	9,080	8,500
Grant for Upper Atmosphere Composition Studies using Ultra-violet Detectors	4,953	5,000
Grant for Work on Optical Scatter Measurements with a Pulsed Laser	3,901	5,000
Grant for Research in Semiconductors	110	60
Grant for Research in the Field of Thin Films	—	1,000
Grant for Study and Development of Stable Battery High Voltage Power, etc.	120	—
Grant for Research	803	—
Grant for Project: "Irregularities and Movements in the Ionosphere"	4,907	4,800
Grant for Ionospheric and Meteor Observations with Large Antenna Array	—	10,300
Carried forward	173,139	204,057

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Physiology	Department of Air and Department of Civil Aviation
	Commonwealth Department of Health
	Estate of late Precila Bowling
	Life Assurance Medical Research Fund
	National Heart Foundation of Australia
	National Heart Foundation of Australia
Psychology	Reserve Bank of Australia
	United States Department of Health Education and Welfare
Surgery	National Heart Foundation
	Commonwealth Department of Health
Zoology	Wool Research Committee
	Australian Wool Board
	Reserve Bank—Rural Credits Development Fund
	Wool Research Committee and S.A. Wheat Research Committee
	Australian Cattle and Beef Research Committee
	Reserve Bank—Rural Credits Development Fund
	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
Barr Smith Library	The Fauna and Flora Board of S.A.
	S.A. Tuberculosis Association
	Australian Medical Association
	Australian Physiotherapy Association
	Collegiate School of St. Peter
	S.A. Associated Brewers
	Enterprise Development Association
	National Heart Foundation
	Australian Dental Association
Medical Research (General)	Commonwealth Department of Health
	National Heart Foundation

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Brought forward	173,139	204,057
Aeromedical Research	2,241	3,250
N.H.M.R.C. Grants for Medical Research	5,387	15,105
Grant for Equipment	890	350
Grant for Research on the Effects of Reserpine, etc., on the Levels of Circulating Vasoactive Hormones	102	700
Grants-in-aid	7,420	6,771
Fellowship	794	—
Fiftieth Anniversary Postgraduate Scholarship	186	1,600
Grant for Project: "Behaviour Related to Induced Cholinesterase Syntheses"	7,519	6,700
Grant-in-aid	—	2,068
N.H.M.R.C. Grant for Medical Research	—	1,540
Grant for Ecological Investigation of Pastures in the Mid-North of South Australia	240	—
Grant for Study Ecology of Kangaroo Island Wallaby	1,235	1,115
Grants for Research in the Ecology of the Snail Vector of the Liver Fluke Parasite of Sheep	84	1,354
Grant for House Mouse Research Project	2,128	2,000
Grant for Research in Chemistry of the Mechanism of Infection of Nematode Parasites	1,402	1,670
Grant for Research in Ecology of Marsupials on Kangaroo Island	—	1,000
Grant for Project: "Physiological Adaptations to Parasites"	4,367	5,400
Grant for Publication of B.A.N.Z.A.R.E. Reports	—	2,000
Grant-in-aid	473	2,724
Grant for Animal Ecology	—	500
Grant for Fruit Fly Research	1,539	3,380
Grant for Fruit Fly Research	4,622	—
Grant for Fruit Fly Research	1,877	330
Grant for Accurate Count of Koalas on Flinders Chase	—	120
Grant for Books and Periodicals Dealing with Tuberculosis	44	40
Grant for Medical Books and Periodicals	1,380	1,300
Grant for Medical Books and Periodicals	180	100
Grant for Library Books	47	50
Grant for Laboratory Books, Manuals, etc., for Microbiology Department	6	50
Grant for Library Books on Economics	—	100
Grant for Viscount Dunrossil Memorial Library	15	20
Grant for Library Books	—	140
N.H.M.R.C. Grant to the University for Medical Research	1,500	1,500
Undergraduate Medical Research Scholarships	150	300
	£218,967	£267,334

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Waite Institute	Wool Research Committee
	Barley Improvement Fund
	The Australian Dried Fruits Association, S.A. Canning Fruitgrowers Association, Deciduous Tree Fruit Research and Extension Committee (Department of Primary Industry)
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Nuffield Foundation
	Merck & Co.
	Wheat Industry Research Council (Commonwealth)
	Wheat Industry Research Council (State)
	Commonwealth Department of Health
	United States Department of Health Education and Welfare
	United States Department of Army—Surgeon General
	Wheat Industry Research Committee of Victoria
	Commonwealth Development Bank of Australia
	Rockefeller Foundation
	Australian Cattle and Beef Research Committee
	The Commonwealth and the Australian Honey Board
	National Sirex Trust Fund
	Rothmans University Endowment Fund
	National Science Foundation
	Sulphur Institute
	Woods and Forests Department
	Shell Chemical Fund
	National Heart Foundation

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; Investigations on Pasture Cockchafer, and Investigations on Lerps in Farm Shade Trees	18,967	20,290
Grant for Research into Barley	12,507	13,670
Grants for Deciduous Tree Fruit Research	1,012	650
Grant towards Cost of Electron Microscope	10,303	1,408
Grant for Field Laboratory for Work on Soil-borne Diseases	—	7,300
Grant to Assist Development of the Postgraduate School of Plant Pathology	2,806	1,675
Grant for Biochemical Work on Nitrogen Fixation	—	4,300
Grant for Installation of Controlled Environment Cabinet and Microscopes	61	2,227
Grant for Constant Temperature Cabinets and Glasshouses	—	6,520
Grant for Project: "The Ecology of Light Water and Nutrients in Crop and Pasture Growth"	—	3,400
Grant for Research on the Ecology and Physiology of Animals which live in Dry Country	726	1,000
Grant for Gibberellin Testing on Grapes	—	270
Grant for Wheat Improvement Research	26,465	27,640
Grant for Wheat Improvement Research	5,770	8,905
Grant towards Quarantine Investigations	3,409	2,500
Grant for Project: "Biochemistry of Tomato Spotted Wilt Virus"	3,488	3,750
Grant for Project: "Water and Electrolyte Economy of Desert Aborigines and New Guinea Melanesians"	—	2,400
Postgraduate Scholarship	970	1,350
Grant for Project: "Biosynthesis of Oestrogen-like Substances in Clover"	—	5,500
Grant for Equipment and Supplies for Research on Soil-borne Fungal Diseases	3,039	3,630
Grants for Research	2,250	11,950
Grant to Finance the Erection of a Bee Research Building	35	7,000
Grant for Sirex Wasp Research	5,752	8,000
Studentship	1,700	—
Grant for Project: "Mechanism of Action of the Plant Hormone, Gibberellic acid"	—	5,000
Grant for "Studies of the Seasonal Availability of Sulphur in some South-East Soils; Incubation Studies on Soils with Varying History of Fertiliser Use"	1,660	1,472
Grant for Studies of the Micro Flora and Fauna of Forest Litter	—	2,000
Grant for Postgraduate Work in Nematology	—	750
Grant-in-aid—Animal Physiology	—	2,000
	£100,920	£156,557

THE UNIVERSITY

Expenditure of Grants

Department	*Source of Grant*
Bedford Park	The Meyer Foundation ....
	Australian Institute of Nuclear Science and Engineering ....
	Australian Institute of Nuclear Science and Engineering ....
	Australian Institute of Nuclear Science and Engineering ....

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1964 £	*Estimated* 1965 £
Grant for Investigation of Neucleotide Metabolism and Control of Growth	–	1,328
Grant for Monochromator for Spectral Measurements	491	1,900
Grant for Project: "The Preparation of Plasmas for Magnetic Pumping Experiments"	3,021	20
Grant for Project: "Characteristics of Large-amplitude Alfven Waves"	–	1,943
	£3,512	£5,191

SUMMARY

North Terrace	£218,967	£267,334
Wate Institute	100,920	156,557
Bedford Park	3,512	5,191
Total Grants from Outside Sources	£323,399	£429,082

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	268
Income from E. F. Hern Endowment	58
Income from C. V. Crocombe Endowment	186
Income from R. T. Melrose Endowment	115
Income from J. Grinberg Endowment	5
Income from H. L. Heuzenroeder Endowment	142
Income from Hoare Estate Endowment	385
Income from M. August Endowment	92
Income from Emma Jeffress Endowment	305
Income from Ruby Chambers Endowment	24
Income from O. E. Braund Endowment	197
Income from E. Mills Endowment	115
Income from Isobel Young Endowment	113
Income—Ivy C. J. Duncan Fund	989
E. H. Colbey Bequest	135
Dorothy Emily Basey Bequest	3,883
Income—Ethel E. Jenkins Bequest	1,000
Income from Lord Mayor's Fund	3,844
Income from Sundry Endowments	163
Linear Accelerator Treatment Fees	1,778
Donations	1,915
Radon Department Income	434
Deficit, 1964	10,841
	£33,987
Union Fees—	
Fees received for the year 1964	67,496
	£67,496
Adult Education—	
Allocation by University	25,000
Fees: Tutorial Classes	6,830
Schools and Special Courses	9,437
	£41,267

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1964

EXPENDITURE

	£
ANTI-CANCER COMMITTEE—	
Salaries	17,852
Payroll Tax and Insurance	224
Radon Expenses	80
Library	329
Equipment	274
Sundries	1,000
Patients' Transport	59
Publications	141
Grant to Department of Organic Chemistry—Equipment and Maintenance	1,507
Linear Accelerator Maintenance	661
Grant to Department of Biochemistry—Equipment and Maintenance	186
Grant to Department of Obstetrics—Equipment and Maintenance	5,943
Grant to Obstetrics and Surgery—Maintenance	444
Grant to Physical Chemistry—Equipment and Maintenance	3,233
Subscription to Anti-Cancer Society	1,000
Grant to I.M.V.S.	826
Hostel Building Repairs	4
Films	125
Public Education Committee	99
	£33,987
UNION FEES—	
Paid to Union Council	66,694
Refunded to Students	802
	£67,496
ADULT EDUCATION—	
Administrative Salaries	18,163
Honoraria—Tutors and Lecturers	10,512
Payroll Tax and Insurance	575
Tutors' Travelling Expenses	575
Travelling Expenses—Staff	327
Printing and Programmes	618
Advertising	257
Library	410
Administrative Expenses	1,153
Schools and Special Programmes Expenses	7,793
Depreciation of Motor Vehicles	150
Miscellaneous Expenditure	24
Equipment	53
Surplus	657
	£41,267

THE UNIVERSITY

STATEMENT OF SEPARATE

INCOME

	£
EDWARD NEALE TRUST FUND—	
Income for the year 1964	£1,000
MEDICAL RESEARCH COMMITTEE—	
N.H.M.R.C. Grant	1,500
Sheridan Income Account	3,955
Sewell Myer Income Account	1,075
G. M. Dowling Income Account	3,089
J. T. Mortlock Income Account	1,570
Jean B. Reid Income Account	3,172
University Research Grant	6,000
Sundry Income	5
	£20,366
PUBLIC EXAMINATIONS BOARD—	
Financial Statement for the year 1st April, 1964, to 31st March, 1965—	
Fees Received	68,752
Sundry Income	2,042
Deficit for Period 1/4/64 to 31/3/65	22,792
	£93,586
Capital Account—Accumulated Debit Balance at 31/3/65	53,639
	£53,639

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1964

EXPENDITURE

	£
EDWARD NEALE TRUST FUND—	
Transferred to Anti-Cancer Fund	£1,000
MEDICAL RESEARCH COMMITTEE—	
Salaries, Payroll Tax and Insurance	10,204
Departmental Expenditure—	
Physiology	1,630
Pathology	2,021
Dentistry	326
Medicine	2,350
Anatomy	264
Obstetrics	1,218
Microbiology	466
Biochemistry	401
Surgery	1,068
Child Health	218
Grant to Australian Journal of Experimental Biology and Medical Science	200
	£20,366
PUBLIC EXAMINATIONS BOARD—	
Financial Statement for the year 1st April, 1964, to 31st March, 1965—	
Salaries	17,711
Examiners, Supervisors and Local Secretaries	38,961
Printing and Stationery	16,797
Sundry Examination Expenses	1,101
Postages and Petty Cash	787
Sundries	1,800
Administration Charges	5,525
Furniture and Equipment	195
Rent—Elizabeth House	4,234
Cleaning—Elizabeth House	466
Computing Expenses	4,550
Recordings	1,459
	£93,586

Capital Account—Accumulated Debit Balance brought forward from 31/3/64	£50,057	
Less H.M. Government of South Australia Grant towards Deficit 1963/64	19,210	
		30,847
Add Deficit for Period 1/4/64 to 31/3/65		22,792
		£53,639

THE UNIVERSITY

STATEMENT OF SEPARATE

INCOME

	£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Fees received for year 1964	10,094
	£10,094
PHARMACY—	
Reimbursement of Salaries and Laboratory Expenses by Pharmaceutical Society of South Australia	15,420
	£15,420
HOSPITAL FEES—	
Fees—Medicine	12,267
Dentistry	710
	£12,977

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, 11th May, 1965.

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1964

EXPENDITURE

	£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Clerical Expenses	275
Printing and Stationery	771
Sundries	369
Examiners and Supervisors	3,577
Organist	50
A.M.E.B. Adjustments	78
A.M.E.B. Scholarships	129
Administration Charges	1,010
Postages	168
Surplus 1964 (Transferred to Accumulated Fund)	3,667
	£10,094
PHARMACY—	
Salaries	10,621
Printing and Stationery	101
Laboratory Maintenance	2,605
Equipment	2,093
	£15,420
HOSPITAL FEES—	
Royal Adelaide Hospital—Honorary Staff	3,980
Director-General of Medical Services	1,701
Queen Victoria Maternity Hospital—Honorary Staff	165
Queen Victoria Maternity Hospital	1,210
Queen Elizabeth Hospital—Honorary Staff	1,890
Queen Elizabeth Hospital	1,892
Adelaide Children's Hospital—Honorary Staff	661
Adelaide Children's Hospital	768
Dental Hospital	710
	£12,977

the year which ended on the 31st December, 1964, 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,
SPRY, WALKER & CO., Chartered Accountants.

AMENDMENT OF FEES.

The fees listed in the Schedules which follow each set of Regulations were revised by the Council on December 18, 1964.

The fees which will be operative in 1965 may be found on pages 659-677.

PART IV

Regulations, Schedules and Rules.

1. Bachelor Degrees:
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   - Notes to candidates for the degree of Master - - - 591
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   - Master of Science - - - - - - - - - 602
   - Master of Agricultural Science - - - - - 604
   - Master of Engineering - - - - - - - - 606
   - Master of Applied Science - - - - - - - 609
   - Master of Laws - - - - - - - - - 611
   - Master of Surgery - - - - - - - - - 612
   - Master of Dental Surgery - - - - - - - 614
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Doctor of Dental Science - - - - - - - 633
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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

[The following Regulations and the Schedules made under them apply to candidates proceeding to the degree by studies at North Terrace. The Regulations for proceeding to the degree by studies at Bedford Park are published in Part I of the Calendar, immediately after the Statutes.]

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 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 Arts, 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. (a) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class
Second Class
  Division I
  Division II
Third Class

(b) 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.

(c) 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

† Awaiting allowance at time of printing.

determine, count as subjects or sequences of subjects towards that degree such subjects or sequences of subjects 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.

††5. 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 subjects set out in Schedule I; the ten subjects required for the degree shall comply with the prescriptions laid down in the schedules.

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.

††9A. 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.

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.

* Allowed 20th December, 1956; amended 15th January, 1959.

†† Awaiting allowance at time of printing.

†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) 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 surrending 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 16th March, 1961.
‡ Allowed 12th September, 1963. Allowed 17th January, 1952.

Schedules made by the Council under Regulations 3 and 15

SCHEDULE I: COURSES OF STUDY

1. The following shall be the subjects of lectures and examinations for the Ordinary degree:

Greek I (11), II (13), and III (16);
Latin I (2), II (3), and III (6);
Ancient History (1);
Comparative Philology (17);
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);
Australian Literature (24) (not available in 1965).
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);
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 (136), II (137), and III(138).

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 Inorganic 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).

2. The following shall be the subjects of lectures and examinations for the Honours degree:

All the subjects listed in clause 1 of this schedule and in addition:
Old and Middle English I (25), and II (28)
Old and Middle French I (35), and II (38)
German IIB (45) and IIIB (48)
Special Language (55).

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:

First Course	*Second Course*	*Third Course*
1. Greek I →	Greek II →	Greek III Comparative Philology
2. Latin I →	Latin II →	Latin III Comparative Philology
3. French I →	French II →	French III Comparative Philology
4. German IA *or* I →	German II →	German III Comparative Philology
5. English I →	English II →	English III
6. History I (A *or* B *or* C) →	History II (A *or* B) →	History III (A *or* B) Politics IIIB
7. Politics I →	Politics II (A *or* B) →	Politics III (A *or* B)
8. Economics I →	Economics II →	Economics III
9. Geography I →	Geography II →	Geography III
10. Philosophy I →	Philosophy II →	Philosophy III (A *or* B)
11. Psychology I →	Psychology IIA *or* IIB →	Psychology IIIA *or* IIIB
12. Mathematics I →	Pure Mathematics II →	Pure Mathematics III
	Mathematical Statistics I →	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:

First Course	*Second Course*	*Third Course*
1. Psychology I →	Psychology IIB →	Sociology
2. Social Economics *or* Economics I →	History IIB →	History III (A *or* B)

2. No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

Ancient History and Greek II;
Ancient History and *either* Latin II *or* Latin III;
German I and German IA;
Economics I and Social Economics;
Geography I and Economic Geography;
Psychology I and Psychology IA;
General Mathematics and Mathematics I;
Mathematics II and *either* Pure Mathematics II *or* Applied Mathematics II;
General Physics and Physics I.

3. A candidate may present only one of Chemistry II, Physical and Inorganic Chemistry II and Organic Chemistry II.

4. Subject to the provisions of Clause 1 hereof, a candidate who had enrolled as a matriculated student before March 31, 1964, and had passed or passes in Education (101) before March 31, 1966, may present that subject as one of the ten courses for the degree.

SCHEDULE III: THE HONOURS DEGREE

1. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

(a) Classics (19),
(b) Latin (9),
(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),
(m) Computing Science (699)

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.

2. 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.

3. 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), III (A *or* B);
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;
Five other courses approved by the Professor of Geography

including a third-year course in a subject other than Geography;

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;

Four other courses approved by the Professor of History and Political Science including a second-year course other than Politics.

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.

(m) For the Honours degree in Computing Science:

Mathematics I, Pure Mathematics II, Applied Mathematics II;

Honours Mathematics III;

Course I in a language other than English;

Philosophy I;

One additional course approved by the Professor of Computing Science;

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.

4. 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.

5. 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.

6. A candidate who had enrolled as a matriculated student before March 31, 1964, and had passed or passes in Education (101) before March 31, 1966, may present that subject as an elective course (where such be permitted) under Clause 2 hereof.

SCHEDULE IV: 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 V: 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 659.

OF THE DEGREE OF BACHELOR OF ECONOMICS

[The following Regulations and the Schedules made under them apply to candidates proceeding to the degree by studies at North Terrace. The Regulations for proceeding to the degree by studies at Bedford Park are published in Part I of the Calendar, immediately after the Statutes.]

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

[The following Regulations and the Schedules made under them apply to candidates proceeding to the degree by studies at North Terrace. The Regulations for proceeding to the degree by studies at Bedford Park are published in Part I of the Calendar, immediately after the Statutes.]

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), Biochemistry I (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 II (286), Physiology II (336), Histology (326), Psychology II (S) (316).

Group D: Honours Mathematics III (208), Soil Science I (354), Soil Science IA (355), Soil Science IB (357), 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, Biochemistry I;
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.

(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: *either* Soil Science IA, Geography IIC in the Faculty of Arts, and one subject from Group B *or* Soil Science IB and Geography IIC.

(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 I, 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 I 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.

7. A candidate for the degree of Bachelor of Engineering in Electrical Engineering may qualify for the degree of Bachelor of Science also by passing in two subjects from Group C in addition to satisfactorily completing the following subjects in his Engineering course:

Mathematics I or Mathematics I (Engineering);
Physics I and II;
Chemistry I;
Graphics;
Pure Mathematics II:
Applied Mathematics II;
Electrical Engineering I and II;
Strength of Materials;
Engineering Drawing and Design; and
Workshop Practice (vacation course).

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
Computing Science.

2. A candidate for the Honours degree in any subject shall not begin final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Science and has completed all the courses in that subject prescribed for the Ordinary degree and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

III. Fees

	Lectures	Practical Work
A. For the Ordinary Degree:		
1. General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, 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, Biochemistry I, 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 II, 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 I	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 659.

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, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend at least four academic years in courses of study for the degree.

3. To qualify for 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. (a) 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 submitted to the Council for approval.

(b) 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 next edition of the University Calendar.

5. Except by permission of the Faculty of Agricultural 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: Provided that the Faculty may grant a candidate who holds an Honours diploma of Roseworthy Agricultural College such exemption from the requirements of this regulation, and on such conditions, as it may determine.

6. 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.

7. (a) Except in cases approved by the Council, the annual examination in a subject shall be held soon after the completion of the course of instruction in it. 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.

8. (a) A candidate who fails to pass in any subject shall, before presenting himself again for examination, 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 of Agricultural Science.

(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.

9. 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 syllabus as pre-requisite for admission to another subject. A candidate with a lower division pass who wishes to gain a higher division pass will be allowed to repeat the subject once only.

10. (a) A candidate for the Honours degree shall spend an additional year in advanced study in one of the subjects listed in the schedule relating to the Honours degree.

(b) 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

11. A candidate who has passed equivalent examinations in the University or elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may on written application be granted such exemption from the requirements of these regulations as the Council may determine.

Awaiting allowance at time of printing.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

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), Geology I (Agriculture) (350), Botany I (261), Zoology I (271), Biology (270).

Group B: Mathematics II (203), Agriculture I (361), Chemistry II (244), Zoology II (273), Botany IIB (367), Genetics I (293), Biochemistry I (284), Geology II (253).

Group C: Agriculture II (362), Biometry IA (390), Biometry IB (391)°, Agricultural Biochemistry I (351), Entomology and Plant Pathology (374), Animal Physiology and Production I (365), Soil Science I (354), Agricultural Economics (180), Crop Physiology (360), Agricultural Microbiology (380).

Group D: Agriculture III°, Agricultural Biochemistry II°, Agronomy°, Animal Physiology and Production II°, Economics II (173) and Economic Statistics I (183)°°, Soil Science II°, Entomology II°, Plant Pathology II°, Plant Breeding°, Genetics II (296), Horticultural Science°.

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in clause 3, satisfactorily complete the following courses:

(a) Chemistry I and three other subjects from Group A; these three subjects must include *either* Botany I and Zoology I *or* Biology;

(b) Agriculture I and *either* three other subjects from Group B *or* two other subjects from Group B and a subject from Group A not previously taken;

(c) Agriculture II, Biometry IA and Agricultural Microbiology and three other subjects from Group C;

(d) Agriculture III and *either* two other subjects from Group D *or* one other subject from Group D and two subjects from Group C not previously taken.

3. The list of subjects to be presented for the degree must comply with the following conditions:

(a) The following combinations of subjects shall not be presented:
Biology and *either* Botany I *or* Zoology I;
General Mathematics and Mathematics I;
General Physics and Physics I;
Geology I and Geology I (Agriculture).

(b) Economics II and Economic Statistics I together constitute one subject in Group D and may be presented only by a candidate who presents Agriculture III and another subject from Group D.

(c) A candidate who presents Biometry IB will be exempted from taking and presenting Biometry IA.

°° see clause 3 (b).
° from 1966.

4. *Roseworthy Agricultural College*

A candidate who holds an Honours diploma of Roseworthy Agricultural College may be exempted from taking the subjects in Group C and may be admitted to the subjects in Group D, at the discretion of the Head of the Department concerned and with permission of the Dean of the Faculty.

5. *Practical Experience*

A candidate will be required to obtain thirty-six weeks' practical agricultural experience approved by the Faculty of Agricultural Science before he will be admitted to the degree. Of this period:

(a) Time spent on compulsory tours and camps may be allowed to count for not more than four weeks.

(b) Not more than fifteen weeks may be spent on farm experience at research and educational centres or on work in the field or in a laboratory directly related to the course of study taken by the candidate in his fourth year; any non-farm work must be approved in advance by the Dean or his representative.

(c) The balance must be spent in practical experience on private farms. A candidate will be expected to gain experience in a diversity of agricultural environments and he should discuss his plans for practical experience with the Dean of the Faculty.

(d) A candidate who holds the diploma of Roseworthy Agricultural College will be exempted from the requirements of practical experience.

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 disciplines:

Agricultural Biochemistry
Agronomy
Animal Production and Physiology
Soil Science
Entomology
Plant Pathology
Plant Breeding
Genetics
Plant Physiology
Horticulture.

2. A candidate for the Honours degree in any subject shall not begin Honours work in that subject until he has completed the course of study for the Ordinary degree, all the courses in that subject available 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*

The fee for attendance (or re-attendance) at lectures and practical work and the annual examination in each subject shall, subject to the provision below, be as follows:

	Lectures	Practical Work
1. General Mathematics, Mathematics I and II, Agricultural Economics, Economics II, Economic Statistics I, each	£24 0 0	
2. General Physics, Physics I, Chemistry I, Geology I, Geology I (Agriculture), Botany I, Zoology I, Biology, each	24 0 0	£6 0 0
3. Chemistry II, Zoology II, Botany IIB, Genetics I, Biochemistry I, Geology II, each	24 0 0	12 0 0
4. Agriculture I, Biometry IA, each	12 0 0	
5. Agricultural Microbiology	12 0 0	6 0 0
6. Agriculture II, Agricultural Biochemistry I, Entomology and Plant Pathology, Animal Physiology and Production I, Soil Science I, Crop Physiology, each	24 0 0	6 0 0
7. Biometry IB	36 0 0	
8. Agriculture III, Agricultural Biochemistry II, Agronomy, Animal Physiology and Production II, Soil Science II, Entomology II, Plant Pathology II, Plant Breeding, Horticultural Science, each	24 0 0	16 0 0
9. Genetics II	24 0 0	30 0 0

Provided that the total annual fee payable by a student shall not exceed £120.

Note: The fee for compulsory tours (£50) in Agriculture III is additional to the above fees.

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

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) Chemical Engineering;
(b) Electrical Engineering;
(c) Mechanical Engineering;
(d) 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, 15th January, 1959, 4th April, 1963 and further amendment awaiting allowance at time of printing.
*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) Chemical Engineering;
(ii) Electrical Engineering;
(iii) Mechanical Engineering;
(iv) Civil Engineering.

* 14. (a) The work for the Honours degree shall be taken concurrently with the professional engineering subjects of the final year of the course for the Ordinary degree as set out in the schedules for that degree. A candidate wishing to proceed to the Honours degree must apply in writing to the Faculty of Engineering for permission to do so on or before March 1 of the year in which he intends 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) In order to qualify for the Honours degree a candidate must (i) pass in the professional engineering subjects prescribed for the final year of the course for the Ordinary degree at a standard generally higher than that required for the Ordinary degree; (ii) concurrently with the final-year work for the Ordinary degree attend further lectures and pass examinations on work at an advanced level; and (iii) complete a laboratory project and submit a satisfactory report on it. The project will normally extend to March of the year following that in which the honours work is taken, and the report must be submitted not later than the first week of March in that year.

‡ (d) 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.

†† (e) 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; Amendment awaiting allowance at time of printing.

‡ Amended 4th October, 1962.

† Amended 4th April, 1963.

†† 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 candidate who has passed at the Leaving Honours Examination of the University of Adelaide in Mathematics Parts I and II and Physics may enter the second year of the Electrical Engineering courses set out in section (b) of Clause 6.

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 and Mechanical 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 2^2 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	6	0	0
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
420	General Engineering	Lectures	1		—	
966	°Workshop Practice	Lectures	1	12	15	0
		Practical	3			

SECOND YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee £	s.	d.
406	Mechanics	Lectures	2	24	0	0
		Tutorial	1			
213	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
		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
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[2]	12	0	0
		Practical	3[2]	4	0	0
	Theory of Machines	Lectures	1[3]	6	0	0
		Practical	3[1]	2	0	0
	Either					
408	Mathematics III (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
	Or					
404	Economics (Engineering)	Lectures	2	24	0	0
		Tutorial	1			

FIFTH YEAR

423	Civil Engineering IIA	Lectures	3, 1[3]	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 Project and Report		150 hrs. total	16	0	0
436	Survey Camp (Second)			12	0	0

6. ELECTRICAL ENGINEERING COURSE.

(a) **Old Course.**

[The Fourth and Fifth Years only of this course will be offered in 1965. Students who by March 31, 1965, have completed the first four years must complete the course.

Students who by March 31, 1965, have completed the first three years may *either* complete the old course (as set out in this schedule) *or* be permitted to transfer to the new course set out in (b) below, with such modifications as may be prescribed in each case by the Faculty of Engineering.

All other students will be required to transfer to the new course set out in (b) below, with such modifications as may be determined in each case.]

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	Lectures	1[2]	6	0	0
		Practical	3[1]	2	0	0
	Thermodynamics	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
		Tutorial	1			
404	Economics (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
	Either					
408	Mathematics III (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
	Or					
422	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—					
	Either					
	Electrical Power	Lectures	2	16	0	0
		Practical	4	8	0	0
	Or					
	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	Fee £	s.	d.
448	Electrical Engineering B— Part A Electrical Engineering Theory	Lectures	6	48	0	0
	Part B *Either:* Electrical Power *or:* Electronics and Communications	Tutorial / 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.

(b) New Course

FIRST YEAR

201	General Mathematics	Lectures	3	24	0	0
		Tutorial	2			
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
420	General Engineering	Lectures	1		—	
966	Workshop Practice I	Lectures / Practical	1 / 3	12	15	0
	Either					
231	Chemistry I	Lectures	3	24	0	0
		Practical	6	6	0	0
	Or					
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0

SECOND YEAR

202	Mathematics I	Lectures	3	24	0	0
		Tutorial	2			
222	Physics I	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
*231	Chemistry I	Lectures	3	24	0	0
		Practical	6	6	0	0
406	Mechanics	Lectures	2	24	0	0
		Tutorial	1			
*420	General Engineering	Lectures	1		—	
471	Graphics	Lectures	1	8	0	0
		Practical	3	6	0	0

* If not taken in the First Year.

THIRD YEAR

204	Pure Mathematics II	Lectures	3	24	0	0
		Tutorial	1			
205	Applied Mathematics II	Lectures	3	24	0	0
		Tutorial	1			
441	Electrical Engineering I	Lectures	3	24	0	0
		Tutorial	2			
		Practical	3	6	0	0
432	Strength of Materials	Lectures	2	16	0	0
		Practical	3	6	0	0
497	Vacation course in Workshop Practice (two weeks' duration)			6	0	0

FOURTH YEAR

442	Electrical Engineering II	Lectures	4	32	0	0
		Tutorial	2			
		Practical	3	6	0	0
223	Physics II	Lectures	3	24	0	0
		Practical	6	12	0	0
472	Engineering Drawing and Design	Lectures	1	8	0	0
		Practical	3	6	0	0
467	Mechanical Engineering S.(E.)	Lectures	1	8	0	0
		Practical	3^2	4	0	0

FIFTH YEAR

443	Electrical Engineering IIIA	Lectures	4	32	0	0
		Practical	8	12	0	0
444	Electrical Engineering IIIB	Lectures	3	24	0	0
		Practical	4	8	0	0
445	Electrical Engineering IIIC	.....	.....	16	0	0
477	Engineering Management	Lectures	3	24	0	0
		Tutorial	1			
498	Vacation Laboratory course in Electrical Engineering (three weeks' duration)	.....	.....	9	0	0

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

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
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
	Either					
408	Mathematics III (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
	Or					
404	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
		Tutorial	1			
432	Strength of Materials	Lectures	2	16	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
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

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
	Theory of Machines	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

Subject No. in Syllabus	Subject		Hours a Week	Fee £	s.	d.
452	°Ore Dressing	Lectures	1	9	15	0
		Practical	3[1]			
451	Mining Engineering II	Lectures	3	24	0	0
		Practical	12	12	0	0
480	Extractive Metallurgy (Mining)	Lectures	1[2]	6	0	0
495	°Assaying	Practical	3	12	0	0

9. CHEMICAL ENGINEERING COURSE.

FIRST YEAR

201	General Mathematics	Lectures	3	24	0	0
		Tutorial	2			
221	General Physics	Lectures	3	24	0	0
		Practical	3	6	0	0
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
471	Graphics	Lectures	1	8	0	0
		Practical	3	6	0	0
420	General Engineering	Lectures	1			—

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorial	2			
411	Physics A (Engineering)	Lectures	3	24	0	0
		Practical	3	6	0	0
234	Chemistry IIA	Lectures	3	24	0	0
		Practical	6	9	0	0
471	Graphics	Lectures	1	8	0	0
		Practical	3	6	0	0
420	General Engineering	Lectures	1			—

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
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
481	Process Engineering I	Lectures	1	8	0	0
986	°Engineering Materials	Lectures	2	12	15	0
		Practical	2			

FOURTH YEAR

440	Electrical Engineering S	Lectures	2	16	0	0
		Practical	3	6	0	0
468	Mechanical Engineering S (Ch) Machine Design	Lectures	2[3]	12	0	0
		Practical	3[3]	4	0	0
483	Process Engineering IIA— Unit Operations I	Lectures	2	12	0	0
		Tutorial	2			
		Practical	3	6	0	0
484	Process Engineering IIB— Chemical Reaction Engineering	Lectures	3	24	0	0
		Seminars	3[3]			
		Practical	3	6	0	0
485	*Process Engineering IIC 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 ‡

491	Process Engineering IIIA— Unit Operations II	Lectures	4	32	0	0
		Tutorial	3			
		Practical	5	9	0	0
492	Process Engineering IIIB— Unit Processes II	Lectures	2	16	0	0
		Tutorial	2			
		Practical	3	6	0	0
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 and IIIC;

(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 and IIIC 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) Electrical Engineering: The compulsory practical experience for an Electrical Engineering candidate under Regulation 4 (b) should include excursions, either local or interstate, during the vacation periods in the Fourth and Fifth Years of the course. Such excursions must be approved in advance by the Head of the Department.

(f) 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

* The examination in First Aid of the St. John Ambulance Association has been approved for this purpose.

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 659.

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; amended 12th December, 1963.
† Amended 4th April, 1963. ** Allowed 12th December, 1963.

†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. ‡‡ Allowed 12th December, 1963.

* Allowed 22nd December, 1955.

** Allowed 28th July, 1959; amended 12th December, 1963.

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
§ Amended 12th December, 1963.
†† Allowed 17th December, 1959. Allowed 22nd January, 1953.

NOTES (which do not form part of the Regulations).

(1) The Faculty of Law recommends:

(a) that candidates for the LL.B. degree take their subjects according to the following scheme:

First Year: Elements of Law (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 [1]Board 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 articled 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 articled 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 [1]Master, and to the [2]Law 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 articled clerk shall—

(*a*) file the articles in the office of the [1]Master 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 [2]Law 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 [1]Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and

(*b*) serve on the [2]Law 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.

[1]The Master of the Supreme Court of South Australia.
[2]The Law Society of South Australia Incorporated.

SERVICE UNDER ARTICLES.

16. No clerk shall be articled 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 articled clerks serving under articles at the same time.

18. No practitioner shall take, or retain, any articled 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 articled 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 articled; or

(*b*) a partner of the practioner; or

(*c*) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articled.

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 articled 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 articled or his partner (if any).

(2) A clerk articled 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

I. Length of Course

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years.

II. Curriculum

2. To qualify for the degrees a candidate shall attend regularly such courses of lectures, tutorials and seminar work, satisfactorily perform such laboratory, practical, clinical and written work, and pass such examinations as the Council may from time to time prescribe.

3. Schedules defining the courses of study and practice to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be submitted by the Faculty of Medicine to the Council and on approval by the Council shall be effective from the date of such approval or from such other date as the Council shall determine; and they shall be published in the next edition of the University Calendar issued after the Council has approved them.

III. Examinations

4. Unless the Council for reasons that it deems adequate directs otherwise, examinations during the six-year course shall be held as follows:

Preliminary Examination: in or about November of the first year.

First Professional Examination: in or about August of the third year.

Second Professional Examination: in or about November of the fourth year.

Final Professional Examination: Part I in or about November of the fifth year; Part II in or about November of the sixth year.

5. Subject to the provisions of Regulation 10 (d) hereof, a candidate shall pass in the whole of one examination before entering upon the courses of study and practice leading to the next examination.

6. A candidate shall enter for each examination on the form and by the date prescribed by the Council, but shall not present himself for the examinations unless he has completed to the satisfaction of the professors and lecturers concerned, prior to the beginning of the examination, the courses of study and practice prescribed for it.

7. The examiners in any subject may take into consideration written or practical work required of candidates during the course of study and practice and the results of terminal or other examinations in the subject.

8. A candidate who fails to pass in an examination shall, before presenting himself for the examination again, attend again such part or parts of the course of study and practice leading to that examination as the Faculty may direct.

9. There shall be three classifications of pass at each 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 connection with any examination shall not be classified at that examination.

IV. Supplementary Examinations

10. (a) The Board of Examiners may grant a candidate who has been prevented by illness or other sufficient cause from sitting for the whole or part of an examination permission to sit for a special or supplementary examination; the extent of such special or supplementary examination to be determined by the Board in each case.

(b) The Board of Examiners may grant a candidate who has failed in part only of an examination permission to sit for a supplementary examination in the subject or subjects in which he has failed.

(c) On passing in a special or supplementary examination granted under this Regulation a candidate shall be deemed to have completed the whole of the examination; but if he fails in such special or supplementary examination he shall take again, and pass in, the whole of the examination before proceeding with the courses of study and practice leading to the next examination.

(d) A candidate granted permission to sit for a supplementary or special examination may enter provisionally upon the courses of study and practice leading to the next examination pending publication of the result of his supplementary examination.

V. Status for Work Done Elsewhere

11. A candidate who has passed examinations *in pari materia* in the University or in another University or institution and desires that such examinations shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery, may apply to the Registrar for such exemption from the requirements of these Regulations as the Council may determine. A candidate who is exempted from part of an examination shall not be classified at that examination.

VI. Status under Earlier Regulations

12. 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 regulation hereby repealed; or

(b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

Awaiting allowance at time of printing.

Note: Before being admitted to the course of study a candidate shall have matriculated in the University and have been accepted by the Council as a student to be so admitted.

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, fourth or fifth year of the medical course in 1965. Students who enrol in the sixth year of the medical course in 1965 will pursue the courses of study prescribed in Schedule I in force in 1964. For convenience the sections of that schedule applying to the sixth year 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;
(g) attend a course of lectures and clinical demonstrations in Psychological Medicine.

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 1964 AND REMAINING IN FORCE IN 1965.

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 REGULATIONS 3 AND 10.

The subjects of the examinations prescribed in Regulation 3 shall be as follows, and a candidate shall satisfy the examiners in each subject:

(a) *The Preliminary Examination* (to be held in or about November of the first year)
1. Physics (511)
2. Chemistry (512)
3. Biology (270)
4. Medicine and the Humanities (514)

A candidate who passes in the other three subjects but fails to satisfy the examiners in Medicine and the Humanities will be permitted to proceed with the work of the second year of the course, but will be required to satisfy the examiners in that subject before being permitted to enter upon the work of the third year of the course.

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following February.

(b) *The First Professional Examination* (to be held in or about August of the third year)
1. Anatomy (530)
2. Biochemistry (531)
3. Human Physiology (533)

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following November.

(c) *The Second Professional Examination* (to be held in or about November of the fourth year)
1. Pathology (541)
2. Microbiology (542)
3. Applied Physiology and Pharmacology (544)

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following February.

(d) *The Final Professional Examination*

Part I (to be held in or about November of the fifth year):

1. Obstetrics and Gynaecology (555)
2. Paediatrics (556)

Part II (to be held in or about November of the sixth year):

1. Medicine ( )
2. Surgery ( )

A candidate who is granted on medical grounds a supplementary examination in part or the whole of Part I will be allowed to present himself for such supplementary examination in or about the following May. In the meantime he may proceed with the work of the sixth year.

A candidate granted on grounds other than medical a supplementary examination in one subject of Part I will be allowed to proceed with the work of the sixth year and to present himself for examination in Part II. If he passes in Part II he will be permitted to present himself for his supplementary examination in Part I in or about the following May. But if he fail in part or the whole of Part II he will be required to repeat the work of the sixth year and to present himself in or about November for examination in all subjects not already passed.

A candidate granted a supplementary examination in one subject of Part II or on medical grounds in the whole or part of Part II may present himself for such supplementary examination in or about the following May.

SECTION OF SCHEDULE II IN FORCE IN 1964 AND REMAINING IN FORCE IN 1965.

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 3.

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	18 6 8
(Note: Students in the sixth year in 1965 will pay £13.6.8. Students in the fifth year in 1965 will pay £23.6.8.)	
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 ADELAIDE CHILDREN'S HOSPITAL, INC.

Medical Students of The University are admitted to the practice of The Adelaide Children's Hospital under the conditions hereinafter mentioned and subject to any new rules that the Board of Management may make from time to time:—

1. Students may attend the practice of The Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon and at other times if they have obtained the permission of the Medical Superintendent or his deputy.

2. They shall carry out their duties in the wards and outpatient clinics in a manner similar to that indicated in the rules of the Royal Adelaide Hospital.

3. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been, or the Medical Superintendent or his deputy.

4. Students may not introduce visitors into the hospital without the permission of the Medical Superintendent or his deputy.

5. During the period of residence the student will be responsible to the Medical Superintendent for discipline and general conduct.

6. Students in residence will pay board and lodging at the present rate of £3.1.6 per week. This money will be paid to the University beforehand.

7. All fees for clinical instruction and practice shall be as laid down by the University and collected by it for distribution to this hospital.

8. Students attending the hospital shall discharge the duties assigned to them.

They shall pay for or replace any article damaged, lost or destroyed by them through negligence or misconduct.

9. Any student infringing any of these rules or the rules of the hospital, or otherwise misconducting himself shall be subject to suspension or dismissal by the Board and shall on dismissal forfeit all payments which he may have made and all rights accruing therefrom.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE QUEEN VICTORIA MATERNITY HOSPITAL INC.

Medical Students of the 5th and 6th years are admitted to the practice of the Queen Victoria Maternity Hospital Inc. under the conditions hereinafter mentioned and subject to any further Rules that may from time to time be made by the Council of the University in conjunction with the Committee of Management of the Hospital:—

1. Students shall reside in the Hospital for such periods as may be determined from time to time by the Council of the University and shall carry out such duties in the various Departments of the Hospital as are required by the Professor of Obstetrics, Lecturers and Tutors appointed as such by the University.

2. No student may publish a report of any case without the authority of the Professor of Obstetrics and of the Honorary Obstetrician responsible for the case.

3. No student may introduce visitors into the Hospital without the permission of the Medical Superintendent or his deputy.

4. Students shall pay such fees (including those for board and residence) as are laid down from time to time by the University in conjunction with the Teaching Hospitals. Fees are payable directly to the University: no student will be admitted to the Hospital until such fees are paid.

5. During their attendance at and residence in the Hospital students shall conform to such Rules of conduct as may be laid down from time to time by the Committee of Management.

6. Any student infringing these Rules or otherwise misconducting himself may be suspended by the Professor of Obstetrics or the Medical Superintendent. If such action be taken by the Medical Superintendent, the latter shall immediately advise the Professor of Obstetrics of the circumstances and the Professor shall determine whether the offence warrants consideration by the Investigation Committee.

7. The Investigation Committee shall consist of the Professor of Obstetrics, a Senior Member of the Honorary Medical Staff of the Hospital and a member appointed by the Committee of Management of the Hospital.

8. Should the decision of the Investigation Committee with regard to any case brought before its notice be that a student be suspended for a period or dismissed from the Hospital such decision shall be referred to the Committee of Management of the Hospital for confirmation or otherwise. If confirmed the decision and the circumstances surrounding the offence shall be reported to the Board of Discipline of the University.

9. The Board of Discipline of the University shall have no power to vary a decision of the Committee of Management with regard to the suspension or dismissal of a student but it may suggest a variation of the penalty.

10. If suspension or dismissal by the Committee of the Hospital results in the student being unable to qualify to enter for his next examination in due course the Board of Discipline if it thinks fit may recommend to the Faculty of Medicine that arrangements be made if possible for the student to do equivalent work elsewhere and thereby qualify to present himself for the next or such later examination as the Faculty may decide.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE 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 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.

Allowed 12th December, 1963.

Schedule I: Pre-requisite work

The pre-requisite work for the various subjects is:

Anatomy, Biochemistry, Physiology: a pass in the First Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Pathology, Microbiology, Pharmacology: a pass in the Second Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Genetics: a pass in the First Professional 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 First Professional Examination in the course for degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination of Psychology I (S) as prescribed for the degree of Bachelor of Science.

Schedule II: Course of Study

The course comprises three equally important aspects undertaken concurrently:

1. *Course of Reading* in selected fields, and the submission of a series of essays associated therewith.
2. *Experimental work,* covering a wide range of techniques.
3. *The undertaking of a research project* which will be assigned early in the course and on which a thesis must be submitted.

Schedule III: Examination

The examination for the degree will consist of a written paper or papers, the essays submitted during the year, the thesis on the research project, an oral examination, and a practical examination if required by the examiners.

Schedule IV: 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 Degree.

6. The course of study for the Ordinary degree of Bachelor of Dental Surgery shall extend over five years after matriculation. To qualify for the degree a candidate shall:

(a) regularly attend lectures and clinical practice and do written and laboratory or other practical work to the satisfaction of the professors and lecturers concerned;

(b) satisfactorily complete each annual examination before entering upon the work of the following year's course of study: provided that a candidate may begin the first term's work in the following year's course of study pending the result of a supplementary examination for which he has been permitted to present himself.

7. The annual examination shall be held in or about August or November, as the Council shall in each case determine from time to time. The supplementary examinations of the first four years shall be held about three months after the annual examinations.

8. The Board of Examiners may grant a supplementary examination to a candidate who has been prevented by illness or other sufficient cause from attendance at the whole or part of the annual examination at the end of the first, second, third or fourth year or who has failed

in part of such examination. But if he fail to pass in such supplementary examination a candidate shall be deemed to have failed in the whole annual examination. A candidate who fails to pass an annual examination shall, unless exempted wholly or partially therefrom by the Faculty, again attend lectures, clinical practice and laboratory and other practical work in the subjects of the examination before presenting himself again for the annual examination.

9. A candidate shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at the annual examination; and on passing the supplementary examination for which he was required or permitted to present himself he shall be deemed to have completed the whole of that annual examination.

10. The annual examination at the end of the Fifth Year shall be known as the Final Examination. A Final Examination may also be held in May or June. On the recommendation of the Board of Examiners the Faculty may debar any candidate who has failed in the Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months has elapsed since that failure. At its discretion the Board of Examiners may permit a candidate who has failed at a Final Examination in only one subject or group of subjects to present himself for that subject or group of subjects only at the next examination, and if he satisfy the examiners in that subject or group of subjects he shall be deemed to have passed the whole examination.

11. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order; provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

12. A candidate who has passed examinations *in pari materia* in other Faculties or at other approved Universities or Institutions and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, shall on written application to the Registrar be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification at any annual examination from part of which exemption has been granted.

The Honours Degree.

*13. A candidate wishing to proceed to the Honours degree shall, after discussing his proposed course of study with the Head of the Department of Dental Science and the Head of any other 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.

* Amendment awaiting allowance at time of printing.

*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;

(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.

* Amendment awaiting allowance at time of printing.

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 Ordinary degree and an Honours degree of Bachelor of Music. 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. To qualify for the Ordinary degree a candidate shall complete three years of academic study and pass the examination proper to each year.

4. To qualify for the Honours degree a candidate shall:—

(a) pass at the first attempt and at distinction or credit standard the examinations prescribed for the Ordinary degree; provided that in exceptional cases the Faculty of Music may waive the requirement of passing at the first attempt;

(b) in the fourth year (i) satisfactorily complete a course of advanced study and (ii) submit a satisfactory composition, exercise or thesis the general nature of which has been approved in advance by the Faculty of Music;

(c) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.

5. Schedules defining the courses of study (including lectures, practical work, and examinations) to be undertaken and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and submitted to the Council for approval. 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.

6. Except by permission of the Faculty of Music, 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.

7. The separate subjects which are comprised in an academic year of study need not all be taken in one and the same year, nor need the examination in all the subjects of the academic year of study be passed at the same time; but except by special permission of the Faculty of Music 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.

8. A candidate may be exempted by the Faculty of Music from attendance at lectures in any subject, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

(9) (a) 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 the written and practical work required to the satisfaction of the professors and lecturers concerned.

(b) The examination in a subject shall take the form prescribed in the syllabus. Written or practical work done by the 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.

(c) There shall be three classifications of pass at each annual examination 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; and the names of other candidates who pass shall be arranged in alphabetical order.

(d) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

First Class
Second Class
Division A
Division B.

10. (a) Only one attempt at the examination for the Honours degree will be allowed.

(b) A candidate who fails to pass in any subject for the Ordinary degree shall, before presenting himself again for examination, 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 of Music.

(c) A candidate who has twice failed to pass the annual examination in any subject or division of a subject for the Ordinary degree 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 of Music and under such conditions as the Faculty may prescribe.

(d) For the purpose of sections (b) and (c) of this regulation a candidate who is refused permission to sit for examination, or who fails either to enter for or to attend an annual examination after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

11. (a) A candidate who, on account of illness or other sufficient cause allowed by the Faculty, is 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.

(b) A candidate who presents himself at an annual examination for the Ordinary degree but fails to pass, may, on the recommendation of the Board of Examiners, be permitted by the Faculty of Music to present himself for a supplementary examination.

(c) A candidate shall not be re-examined at a supplementary examination in any subject in which he passed at the preceding annual examination.

12. A candidate who has passed equivalent examinations in the University or elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music may, on written application, be granted such exemption from the requirements of these Regulations as the Council may determine.

13. (a) A candidate who by March 31, 1965, had matriculated and completed at least one academic year of study for the degree of Bachelor of Music under the regulations in force in 1964 may complete his course under those regulations provided that he does so by December 31, 1969.

(b) A candidate may at any time apply for status under these regulations and shall be granted such status thereunder as the Faculty of Music may in each case determine.

Awaiting allowance at time of printing.

Schedules made by the Council under Regulation 5

SCHEDULE I—THE ORDINARY DEGREE

1. Before admission to the course of study for the degree of Bachelor of Music, a candidate shall pass a special entrance examination appropriate to the School in which he wishes to enrol.

2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

3. A candidate shall satisfy the examiners in each of the following subjects:

(a) Practice of Music I, II and III;
(b) Theory of Music, I, II and III;
(c) History of Music I, II and III;
(d) Composition I, II and III; *or* Chief Practical Study I, II and III; *or* Musicology I, II and III; *or* a subject (other than Music I) available to candidates for the degree of Bachelor of Arts or Bachelor of Science together with Music Education I and II.

SCHEDULE II—THE HONOURS DEGREE

1. (a) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Music. A candidate who wishes to proceed to the Honours degree must apply in writing to the Registrar for permission to do so. Before granting such permission the Faculty will take into consideration the candidate's academic record up to the time of his application.

(b) A candidate shall undertake the final year's study for the degree on a full-time basis and shall not undertake any other study or work except with the permission of the Faculty of Music.

2. (a) A candidate for the Honours degree shall complete the full course of study prescribed for the Ordinary degree and shall undertake further studies at advanced level extending over one academic year and perform such other work as may be prescribed in each case by the Faculty of Music.

(b) At some time during his course, a candidate for the Honours degree shall regularly attend lectures and pass the examination in a subject (other than Music I, II or III) available to candidates for the degree of Bachelor of Arts or Bachelor of Science; provided that, in the case of candidates proceeding to the Honours degree in the School of Music Education, this requirement shall be additional to the subject prescribed for the Ordinary degree.

(c) The final Honours examination will comprise, according to the School in which he is enrolled:

(i) Composition IV; or (ii) Chief Practical Study IV; or (iii) Musicology IV; or (iv) Music Education III.

(d) A candidate for the Honours degree shall also either (i) submit not later than September 30 in the year in which he wishes to qualify for the degree a composition which is a major work or a group of works the general nature of which has been approved in advance by the Faculty of Music or a satisfactory thesis on a subject approved in advance by the Faculty of Music; or (ii) 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.

(e) A candidate shall submit with his composition or thesis a written declaration that the composition or thesis is entirely his own unaided work.

SCHEDULE III—FEES

A. For each year's work and examination	£84	0	0
B. For a supplementary examination in any subject of a year's work	8	0	0
C. For Chief Practical Study taken separately	54	0	0
D. For each other subject taken separately: (up to a maximum of the annual fee of £84 for the full year's course)	24	0	0
E. For subjects taken separately which are included in the Schedules for the degree of Bachelor of Arts or for the degree of Bachelor of Science: the fee prescribed in the relevant Schedule.			
F. For the Honours work and Final Honours examination	84	0	0
G. For admission to the degree	5	5	0

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 - - - - - - - - - (The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.)	£108	0	0
(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 satisfy the Faculty of Technology and Applied Science that he has fulfilled the requirements in practical experience that are prescribed in the schedule relating thereto.

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.

* Amended 12th December, 1963; further 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.)

† Amended 12th December, 1963.

* 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	9 15 0
		Practical	1	
873	Building Construction and Drawing I	Lectures	1	12 0 0
		Practical	2	
880	Architectural Drawing I (T)	Practical	6[1], 3[2]	12 15 0
221	General Physics	Lectures	3	24 0 0
		Tutorial	1	
		Practical	3	6 0 0
201	General Mathematics	Lectures	3	24 0 0
		Tutorials	2	
881	Free Drawing I (T)	Practical	2	9 15 0
885	Quantity Surveying I	Lectures	2	9 15 0

SECOND YEAR

871	Building Science II (T)	Lectures	2[2], 1[1]	12 0 0
		Practical	1	
875	Building Construction and Drawing II	Lectures	1	12 0 0
		Practical	2	
877	Building Administration I	Lectures	2[1], 1[2]	9 15 0
895	Structures IA (T)	Lectures	3	13 10 0
		Practical	2	
941	Applied Mathematics (T)	Lectures	3	12 15 0
		Tutorial	1	
909	Surveying IB	Lectures	1	12 15 0
		Practical	3	
886	Quantity Surveying II	Lectures	2	9 15 0
883	History of Building	Lectures	1	9 15 0
		Practical	1	
	Vacational Report			

THIRD YEAR

872	Building Science III (T)	Lectures	2	12 0 0
		Practical	3[1]	
876	Building Construction and Drawing III	Lectures	1	15 0 0
		Practical	5	
878	Building Administration II	Lectures	2	13 10 0
		Practical	3	
888	Estimating and Costing	Lectures	2	9 15 0
860	Bookkeeping and Accounts	Lectures	2	10 10 0
890	Design of Structures	Lectures	1	12 15 0
		Practical	3	
	Either (a)			
865	Supervision—Human Relations and	Lectures	1½	10 10 0
879	Building Administration III	Lectures	1½	9 15 0
	Or (b)			
887	Quantity Surveying III	Lectures	3	12 0 0
	Vacational Report			

CIVIL 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
		Tutorials	2	
962	Civil Drawing I	Practical	4	12 15 0
965	Workshop Practice IB	Lectures	1	9 15 0
		Practical	3½	
956	Engineering Mechanics I	Lectures	2	12 0 0
		Tutorial	1	

SECOND YEAR

900	Structures I (T)	Lectures	3	16 10 0
		Practical	4	
906	Surveying I (T)	Lectures	2	15 0 0
		Tutorial	1	
		Practical	3	
213	Mathematics I (Engineering)	Lectures	3	24 0 0
		Tutorials	2	
941	Applied Mathematics (T)	Lectures	3	12 15 0
		Tutorial	1	
917	Hydraulics (T)	Lectures	1	9 15 0
		Practical	3½	
964	Engineering Drawing and Design II	Lectures	1	12 15 0
		Practical	3	
	Vacational Report			

THIRD YEAR

901	Civil Engineering A	Lectures	3	16 10 0
		Seminar	1	
		Practical	4	
902	Civil Engineering B	Lectures	4	15 15 0
		Practical	3	
903	Structures II (T)	Lectures	1	16 10 0
		Practical	7	
904	Methods of Construction and Management	Lectures	1	7 10 0
907	Survey Camp			5 10 0
922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
	Vacational Report			

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.

SURVEYING

FIRST YEAR

232	Chemistry IA	Lectures	2	16 0 0
		Practical	3	6 0 0
906	Surveying IT	Lectures	2	15 0 0
		Tutorial	1	
		Practical	3	
221	General Physics	Lectures	3	24 0 0
		Tutorial	1	
		Practical	3	6 0 0
201	General Mathematics	Lectures	3	24 0 0
		Tutorials	2	
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	13 10 0
		Practical	3	
915	Astronomy	Lectures	2	13 10 0
		Practical	3	
893	Applied Geology and Economic Geography	Lectures	1	7 10 0
874	Building Construction and Drawing IA	Lectures	1	12 0 0
		Practical	2	
213	Mathematics I (Engineering)	Lectures	3	24 0 0
		Tutorial	2	
941	Applied Mathematics (T)	Lectures	3	12 15 0
		Tutorial	1	
	Vacational Report			

THIRD YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
905	Soils Investigations	Lectures	$1^2, 2^1$	13 10 0
		Practical	3	
911	Land Surveying Design and Drafting	Practical	3	12 0 0
913	Photogrammetry	Lectures	3	16 10 0
		Practical	6	
914	Geodesy	Lectures	3	15 0 0
		Practical	3	
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	9 15 0
		Practical	3^1	

Vacational Report

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

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
		Tutorials	2	
920	General Electrical Engineering	Lectures	1	9 15 0
		Practical	1^2	
963	Engineering Drawing and Design I	Practical	4	12 15 0
966	Workshop Practice I	Lectures	1	12 15 0
		Practical	3	

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	2^2	
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	

Vacational Report

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	3^2	
967	Workshop Practice II	Lectures	1	12 15 0
		Practical	3	
986	Engineering Materials	Lectures	2	12 15 0
		Practical	2	

Vacational Report

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

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
		Tutorials	2	
920	General Electrical Engineering	Lectures	1	9 15 0
		Practical	1^2	
963	Engineering Drawing and Design I	Practical	4	12 15 0
966	Workshop Practice I	Lectures	1	12 15 0
		Practical	3	

SECOND YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
921	Electrical Engineering II (T)	Lectures	2	12 15 0
		Practical	2	
930	Communication Engineering I	Lectures	3	15 0 0
		Tutorial	1	
		Practical	2	
934	Applied Electronics (Short Course)	Lectures	1[2]	8 0 0
		Practical	2[2]	
213	Mathematics I (Engineering)	Lectures	3	24 0 0
		Tutorials	2	
944	Electron Physics	Lectures	1	12 15 0
		Tutorial	1	
		Practical	1	
986	Engineering Materials	Lectures	2	12 15 0
		Practical	2	
	Vacational Report			

THIRD YEAR

923	Electrical Engineering III (T)	Lectures	2	12 15 0
		Practical	2	
925	Automatic Control	Lectures	1	12 15 0
		Practical	3	
931	Communication Engineering II	Lectures	2	15 0 0
		Tutorial	1	
		Practical	3	
935	Electronic Engineering Design	Lectures	1	12 0 0
		Practical	2	
936	Electronic Measurements	Lectures	1	12 0 0
		Practical	2	
937	Pulse Techniques	Lectures	2	13 10 0
		Tutorial	1	
		Practical	2	
	Vacational Report			

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	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
		Tutorials	2	
956	Engineering Mechanics I	Lectures	2	12 0 0
		Tutorial	1	
963	Engineering Drawing and Design I	Practical	4	12 15 0
966	Workshop Practice I	Lectures	1	12 15 0
		Practical	3	

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	24 0 0
		Tutorial	2	
941	Applied Mathematics (T)	Lectures	3	12 15 0
		Tutorial	1	
951	Mechanical Engineering II (T)	Lectures	2	12 15 0
		Practical	2[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	
986	Engineering Materials	Lectures	2	12 15 0
		Practical	2	
	Vacational Report			

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	
958	Machine Design Project	Lectures	2	13 10 0
		Practical	3	
967	Workshop Practice II	Lectures	1	12 15 0
		Practical	3	
973	*Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
981	Metal Fabrication	Lectures	1	9 15 0
982	Foundry Practice	Lectures	1	12 0 0
		Practical	3	
	Vacational Report			

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

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
		Tutorials	2	
953	Refrigeration Engineering I	Lectures	2	9 15 0
963	Engineering Drawing and Design I	Practical	4	12 15 0
966	Workshop Practice I	Lectures	1	12 15 0
		Practical	3	

SECOND YEAR

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]	
	Vacational Report			

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 A	Lectures	2	10 10 0
973	°Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
986	Engineering Materials	Lectures	2	12 15 0
		Practical	2	
	Vacational Report			

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	
		Practical	3	6 0 0
232	Chemistry IA	Lectures	2	16 0 0
		Practical	3	6 0 0
963	Engineering Drawing and Design I	Practical	4	12 15 0
966	Workshop Practice I	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	
		Practical	4	
926	Electrical Engineering Circuits	Lectures	2	12 15 0
		Practical	2	
	Vacational Report			

THIRD YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
947	Applied Physics IIA	Lectures Practical	3 5	16 10 0
948	Applied Physics IIB	Lectures Practical	3 5	16 10 0
974	Industrial Instrumentation A	Lectures Practical	2 4	15 0 0
986	Engineering Materials	Lectures Practical	2 2	12 15 0
	Vacational Report			

Practical Experience

To fulfil the requirements in respect of practical experience required under Regulation 3 (b) a candidate shall:

(a) Submit two reports satisfactory to the Faculty on work that he has undertaken during vacations, each report covering a period of not less than two months and at least one period being spent in work related to the student's professional interests; *or*

(b) Submit a report satisfactory to the Faculty on work relevant to his professional interests that he has undertaken for at least six months in full-time employment.

Each report must be certified by the student's employer during the period concerned.

A student who had entered upon the course for the degree in or before 1964 may fulfil the requirements relating to practical experience by submitting evidence satisfactory to the Faculty of his having had six months' practical experience in work relevant to his professional interests.

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 or in Data Processing 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.
Data Processing.

†(b) Before being admitted to the degree a candidate shall also satisfy the Faculty of Technology and Applied Science (in respect of the ordinary degree) or the Faculty of Engineering (in respect of the honours degree) that he has fulfilled the requirements in practical experience that are prescribed in the schedule relating thereto.

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.

* Amended 12th December, 1963.
† 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, MINERAL ENGINEERING AND DATA PROCESSING.

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		Hours a Week	Fee £	s.	d.
201	General Mathematics	Lectures	3	24	0	0
		Tutorials	2			
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
232	°Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
963	Engineering Drawing and Design I	Practical	4	12	15	0

MINERAL ENGINEERING

201	General Mathematics	Lectures	3	24	0	0
		Tutorial	2			
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
232	°Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0

° Lectures and Practical Work in this subject are at present given wholly or partly at the University.

Subject No. in Syllabus	Subject		Hours a Week	Fee £	s.	d.
962	Civil Drawing I	Practical	4	12	15	0
965	Workshop Practice IB	Lectures	1	9	15	0
		Practical	3[1]			
956	Engineering Mechanics I	Lectures	2	12	0	0
		Practical	1			
	DATA PROCESSING					
201	General Mathematics	Lectures	3	24	0	0
		Tutorial	2			
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0

5. SECOND, THIRD AND FOURTH YEAR COURSES.

APPLIED CHEMISTRY (Courses A and B)
PRIMARY METALLURGY
SECONDARY METALLURGY

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorial	2			
940	°°Physics B (Engineering)	Lectures	2	13	10	0
		Practical	3			
234	°Chemistry IIA	Lectures	3	24	0	0
		Practical	6	9	0	0
986	Engineering Materials	Lectures	2	12	15	0
		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	24	0	0
		Tutorial	2			
251	°Geology I	Lectures	2	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
895	Structures IA (T)	Lectures	3	13	10	0
		Practical	2			
906	Surveying I (T)	Lectures	2	15	0	0
		Tutorial	1			
		Practical	3			
941	Applied Mathematics (T)	Lectures	3	12	15	0
		Tutorial	1			
919	Mining Trip Vacational Experience					

DATA PROCESSING

942	Applied Mathematics II (T)	Lectures	3	13	10	0
		Tutorial	2			
985	Accounting Mathematics I	Lecture	1	9	15	0
		Tutorial	1			
°989	Programming	Lecture	1	12	0	0
		Tutorial	2			
998	Principles of Business and Industry B	Lectures	2	10	10	0
927	Accountancy I	Lectures	2	13	10	0
		Tutorial	2			

THIRD YEAR

APPLIED CHEMISTRY (COURSE A)

863	°Organic Chemistry IIA	Lectures	2	16	0	0
		Practical	6	9	0	0
988	Applied Physical Chemistry	Lectures	2	13	10	0
		Practical	3			
950	Mechanical Engineering I (T)	Lectures	2	9	15	0
961	Materials and Structures	Lectures	2	12	15	0
		Practical	2			
975	Process Technology I	Lectures	2[2], 3[1]	9	15	0
	Vacational Report					

° 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).

APPLIED CHEMISTRY (COURSE B)

Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
863	*Organic Chemistry IIA	Lectures	2	16 0 0
		Practical	6	9 0 0
988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
287	*Human Nutrition		1	12 0 0
975	Process Technology I	Lectures	2[2], 3[1]	9 15 0
866	†Industrial Microbiology I	Lectures	2	12 0 0
		Practical	4	8 0 0
	Vacational Report			

PRIMARY METALLURGY

861	*Geology IA	Lectures	2[2]	12 0 0
		Practical	4[2]	6 0 0
988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
950	Mechanical Engineering I (T)	Lectures	2	9 15 0
961	Materials and Structures	Lectures	2	12 15 0
		Practical	2	
975	Process Technology I	Lectures	2[2], 3[1]	9 15 0
	Vacational Report			

SECONDARY METALLURGY

988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
950	Mechanical Engineering I (T)	Lectures	2	9 15 0
961	Materials and Structures	Lectures	2	12 15 0
		Practical	2	
975	Process Technology I	Lectures	2[2], 3[1]	9 15 0
977	Physical Metallurgy I	Lectures	1	12 15 0
		Practical	3	
	Vacational Report			

MINERAL ENGINEERING

896	Structures IIA (T)	Lectures	1	12 0 0
		Practical	2	
894	Applied Geology	Lectures	3	15 15 0
		Practical	4	
897	Civil Engineering A (Min)	Lectures	3	12 0 0
917	Hydraulics (T)	Lectures	1	9 15 0
		Practical	3[1]	
940	Physics (B) (Engineering)	Lectures	2	13 10 0
		Practical	3	
990	Mineral Engineering I	Lectures	2	12 0 0
		Practical	1	
907	Survey Camp			5 10 0
932	Geology Field Trip			
	Vacational Report			

DATA PROCESSING

994	Numerical Mathematics I	Lectures	3	12 15 0
		Tutorial	1	
995	Statistics	Lectures	3	12 15 0
		Tutorial	1	
924	Electronics and Logical Design	Lectures	2	12 0 0
		Tutorial	1	
928	Economics (T)	Lectures	2	12 0 0
		Tutorial	1	
938	*First Project	Tutorial	4	16 0 0
	Vacational Report			

FOURTH YEAR

APPLIED CHEMISTRY (COURSE A)

922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
964	Engineering Drawing and Design II	Lectures	1	12 15 0
		Practical	3	
970	†Analytical Chemistry	Lectures	1	12 15 0
		Practical	3	
973	†Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
976	Process Technology II	Lectures	2	16 10 0
		Practical	6	
868	Unit Operations	Lectures	1	12 15 0
			3	
		Practical	3	6 0 0
983	Industrial Economics	Lectures	1[2]	5 0 0
	Vacational Report			

† It may not be practicable for this course to be provided in 1965.

APPLIED CHEMISTRY (COURSE B)

Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
953	**Refrigeration Engineering I	Lectures	2	9 15 0
961	**Materials and Structures	Lectures	2	12 15 0
		Practical	2	
973	**Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
976	Process Technology II	Lectures	2	16 10 0
		Practical	6	
868	Unit Operations	Lectures	1	12 15 0
		Practical	3	
		Practical	3	6 0 0
983	Industrial Economics	Lectures	1[2]	5 0 0
867	§Industrial Microbiology II	Lectures	2	16 0 0
		Practical	6	9 0 0
	Vacational Report			

PRIMARY METALLURGY

987	Mineral Processing	Lectures	2	13 10 0
		Seminar	2[1]	
		Practical	3[2]	
964	Engineering Drawing and Design II	Lectures	1	12 15 0
		Practical	3	
971	Extractive Metallurgy I	Lectures	2	15 0 0
		Seminar	1	
		Practical	3	
973	Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
983	Industrial Economics	Lectures	1[2]	5 0 0
	Vacational Report			
	and in addition *either*			
450	*Mining Engineering I	Lecture	2	16 0 0
		Practical	3	6 0 0
	and			
917	Hydraulics (T)	Lectures	1	9 15 0
		Practical	3[1]	
	or			
868	Unit Operations	Lectures	1	12 15 0
		Practical	3	
	and			
970	Analytical Chemistry	Lectures	1	12 15 0
		Practical	3	

SECONDARY METALLURGY

964	Engineering Drawing and Design II	Lectures	1	12 15 0
		Practical	3	
970	Analytical Chemistry	Lectures	1	12 15 0
		Practical	3	
972	Extractive Metallurgy IA	Lectures	1	12 15 0
		Practical	3	
978	Physical Metallurgy Project		6	15 0 0
980	Physical Metallurgy II	Lectures	1	12 15 0
		Practical	3	
981	Metal Fabrication	Lectures	1	9 15 0
		Practical	3[1]	
982	Foundry Practice	Lectures	1	12 0 0
		Practical	3[2]	
983	Industrial Economics	Lectures	1[2]	5 0 0
	Vacational Report			

MINERAL ENGINEERING

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	12 15 0
		Practical	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	
918	Drilling Camp			
	Visit to Oil Rig			
	Vacational Report			

DATA PROCESSING

996	*Numerical Mathematics II	Lectures	3	24 0 0
		Tutorial	1	
997	*System Analysis	Lectures	2	16 0 0
		Tutorial	2	
968	Operations Research	Lectures	3	12 15 0
		Tutorial	1	
865	Supervision—Human Relations	Lectures	1½	10 10 0
939	*Second Project	Tutorial	7	24 0 0
	Vacational Report			

* 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.

§ It may not be practicable to provide this course in 1965.

6. PRACTICAL EXPERIENCE.

To fulfil the requirements in respect of practical experience required under Regulation 3 (b) a candidate shall:

(a) Submit two reports satisfactory to the Faculty on work that he has undertaken during vacations, each report covering a period of not less than two months and at least one period being spent in work related to the student's professional interests; *or*

(b) Submit a report satisfactory to the Faculty on work relevant to his professional interests that he has undertaken for at least six months in full-time employment.

Each report must be certified by the student's employer during the period concerned.

A student who had entered upon the course for the degree in or before 1964 may fulfil the requirements relating to practical experience by submitting evidence satisfactory to the Faculty of his having had six months' practical experience in work relevant to his professional interests.

7. 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.

8. 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.*

Allowed 12th December, 1963.

*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	Fee £	s.	d.
201	General Mathematics	Lectures	3	24	0	0
		Tutorial	2			
221	General Physics	Lectures	3	24	0	0
		Tutorial	1			
		Practical	3	6	0	0
231	Chemistry I	Lectures	3	24	0	0
		Practical	6	6	0	0
270	Biology	Lectures	2	24	0	0
		Practical	6	6	0	0

SECOND YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee £	s.	d.
236	Organic Chemistry II	Lectures	3	24	0	0
		Practical	6	12	0	0
	Pharmaceutical Chemistry I	Lectures	3	16	10	0
		Practical	4^3, 6^1			
	Pharmaceutics I	Lectures	4^2, 3^1	16	10	0
		Practical	6			
	Pharmacognosy	Lectures	2^2	6	10	0
		Practical				

THIRD YEAR

	Pharmaceutical Chemistry II	Lectures	3^2, 2^1	16	10	0
		Practical	6^2, 9^1			
	Pharmaceutics II	Lectures	3	16	10	0
		Practical	9			
	Physiology and Pharmacology	Lectures	2	12	15	0
		Practical	3^3			
	Forensic Pharmacy and Pharmaceutical Practice	Lectures	3^1, 4^2	12	15	0

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 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, including the top typewritten copy (or approved alternative), 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, including the top copy, 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 canditions (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 591.

(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.

Allowed 12th December, 1963.

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 of the course of study	5 0 0
C. Annual Registration Fee for work on thesis:	
For full-time work in the University	42 0 0
For part-time work in the University	15 0 0
For external work	9 0 0
D. On submission of the thesis for examination or re-examination, or on entry for any examination required	10 0 0
E. 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 591.

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	£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	6	0	0
D. On approval of the subject of the thesis	5	0	0
E. Annual Registration Fee for work on thesis:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
F. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	0
G. 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 591.

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	5	0	0
C. Annual Registration Fee for thesis work:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination	10	0	0
E. 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.††

† Allowed 12th December, 1963.
‡ Amended 12th December, 1963.
Allowed 16th March, 1961.
* These directions are published on page 591.
†† 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 *or* Mathematical Statistics I;
Mathematics (Economics) *or* Mathematics I;
Accounting (Business Management) *or* Management Accounting *or* Engineering Management together with Investment Planning and Business Finance;
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. Fee for each seminar course:	£16	0	0
For the subject Investment Planning and Business Finance	12	0	0
B. On approval of the subject of the thesis	5	0	0
C. Annual Registration Fee for thesis work:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination	10	0	0
E. 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 and 12th December, 1963.
† Amended 4th April, 1963.
†† Amended 12th December, 1963.

‡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 14th December, 1944.
†† Allowed 16th March, 1961.
† Amended 8th December, 1949. Allowed 7th December, 1939.
** These directions are published on page 591.

Schedule of Fees prescribed by the Council under Regulation 10

A. On approval of the subject of the thesis	£	5	0 0
B. Annual Registration Fee:			
For full-time work in the University		42	0 0
For part-time work in the University		15	0 0
For external work		9	0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		10	0 0
D. 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 591.

Schedule of Fees prescribed by the Council under Regulation 10

A. On approval of the subject of the thesis	£	5	0 0
B. Annual Registration Fee:			
For full-time work in the University		42	0 0
For part-time work in the University		15	0 0
For external work		9	0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		10	0 0
D. 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 enginering 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.

Allowed 12th December, 1963

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 591.

Schedule of Fees prescribed by the Council under Regulation 6

A. On approval of the subject of the thesis	£	5	0 0
B. Annual Registration Fee:			
For full-time work in the University		42	0 0
For part-time work in the University		15	0 0
For external work		9	0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		10	0 0
D. 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 591.

Schedule of Fees prescribed by the Council under Regulation 11

A. On approval of the subject of the thesis	£ 5 0 0
B. Annual Registration Fee:	
For full-time work in the University	42 0 0
For part-time work in the University	15 0 0
For external work	9 0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	10 0 0
D. 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 591.

Schedule of Fees prescribed by the Council under Regulation 7

A. On approval of the subject of the thesis	£	5	0 0
B. Annual Registration Fee:			
For full-time work in the University		42	0 0
For part-time work in the University		15	0 0
For external work		9	0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		10	0 0
D. 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 591.

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*.

3. To qualify for the degree a candidate shall pass an examination as hereinafter prescribed, unless exempted therefrom by virtue of his having submitted a thesis of sufficient merit as provided for in Regulations 8 and 9.

4. A candidate wishing to qualify for the degree by examination shall pass an examination in (a) Advanced Dental Surgery and Pathology, and (b) another section of dentistry selected by the candidate and approved by the Faculty. Both subjects shall be passed by the candidate at one and the same examination.†

5. As part of the examination required under Regulation 4 a candidate shall submit two typed copies of a report on both the subject of, and the practical work carried out by him in, that special section of dentistry selected by him under Section (b) of Regulation 4.

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.

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 Head of the Department of Dental Science, 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.

† Amendment awaiting allowance at time of printing.
Allowed 16th March, 1961.

* These directions are published on page 591.

Schedule of Fees prescribed by the Council under Regulation 11

A. On approval of the subject of the thesis	£ 5 0 0
B. Annual Registration Fee:	
For full-time work in the University	42 0 0
For part-time work in the University	15 0 0
For external work	9 0 0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	10 0 0
D. 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 591.

Schedules of Fees Prescribed by the Council under Regulation 8

A. On approval of the subject of the thesis	£	5	0	0
B. Annual Registration Fee:				
For full-time work in the University		42	0	0
For part-time work in the University		15	0	0
For external work		9	0	0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		10	0	0
D. 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 591.
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	5	0	0
C. Annual Registration Fee for work on thesis:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	0
E. 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 and selection of the title rests with the candidate after discussion with his supervisor, and the completed thesis should be shown to the supervisor before submission. 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, and to give its proposed title.

(b) The thesis should be written and submitted before the candidate leaves the University. In exceptional circumstances the Chairman of the Board of Research Studies may give permission for the thesis to be completed elsewhere.

(c) Candidates may find the following publications useful for consultation before writing theses:

Scientific Theses

Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., Melbourne, 1953).
Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O. Division of Building Research, Melbourne, 1955).
Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, Baltimore, 1958).
Royal Society of London, *General notes on the preparation of scientific papers* (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, including the top typewritten copy (or approved alternative), 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, including the top copy, 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. A 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 candidate who has obtained his qualifications elsewhere than in the University of Adelaide, an acceptable certificate of his qualifications.

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.

† Amendment awaiting allowance at time of printing.

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 prescibe.

‡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* not fewer than three copies of

‡ Allowed 25th August, 1955. † Allowed 16th March, 1961.
** Allowed 12th September, 1963.

a thesis embodying the results of the work done during that course and containing a significant contribution to knowledge or scholarship within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in 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 621.

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.

Provided that it is satisfied in each case, on the recommendation of the Head of the Department and the Faculty concerned, that the course of study undertaken and the academic standard reached are equivalent to those required for an Honours degree in the University of Adelaide, the Board may accept as a candidate for the degree a person who holds a Diploma with Honours issued by the National Council for Technological Awards of the United Kingdom.

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. On acceptance as a candidate	£ 5	0	0
B. For each term's work for the degree until submission of thesis	14	0	0
C. On submission of the thesis for examination	15	0	0
D. On submission of thesis for re-examination, including the fee for any additional work required	30	0	0
E. 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 sub-paragraph (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 examinatioon 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 sub-paragraph (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.
† Repealed 16th March, 1961.
• Allowed 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 speciments of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

(1) Harmony, up to eight parts;
(2) Counterpoint, up to eight parts;
(3) Double Counterpoint, Canon, and Fugue, } up to five parts;
(4) Instrumentation;
(5) History of Music;
(6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

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 enrols 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 teachingg 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 - - - -	£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 - - - - - -	6	0	0
D. For the course in Practical Teaching and Methodology B - - - - - - - - - -	12	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 enrols 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. Principal Study I (740)
2. Second Study I (743)
3. Historical Studies (750)
4. Theory of Music I (723)
5. Practical Tests I (763).

B. Vocal School

(a) Concert Singing

1. Principal Study I (740)
2. Second Study I (743)
3. Historical Studies (750)
4. Theory of Music I (723)
5. Practical Tests I (763)
6. Modern Languages I (760)
7. Speech Training I (767)

OR (b) Operatic Singing

1. Principal Study I (740)
2. Drama I
3. Historical Studies (750)
4. Theory of Music I (723)
5. Practical Tests I (763)
6. Modern Languages I (760)
7. Speech Training I (767)

C. School Music

1. Principal 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. Historical Studies (750)
4. Theory of Music I (723)
5. Practical Tests I (763)
6. 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. Principal Study II (741)
2. Second Study II (744)
3. Theory of Music II (724)
4. History of Music I (730)
5. Practical Tests II (764)
6. Ensemble Playing I (776)
7. Accompanying (for students whose chief practical study is Pianoforte) (780).

B. Vocal School

(a) Concert Singing

1. Principal Study II (741)
2. Second Study II (744)
3. Theory of Music II (724)
4. History of Music I (730)
5. Practical Tests II (764)
6. Modern Languages II (761)
7. Speech Training II (768)

OR (b) Operatic Singing

1. Chief Study II (741)
2. Drama II
3. Theory of Music II (724)
4. History of Music I (730)
5. Practical Tests II (764)
6. Modern Languages II (761)
7. Speech Training II (768)

C. School Music

1. Principal Study II (741)
2. Scope of School Music II (774)
3. Theory of Music II (724)
4. History of Music I (730)
5. Practical Tests II (764)
6. Principles of Class Music Teaching II (771)
7. Ensemble Playing I (776)
8. 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. Principal Study III (742)
2. Second 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

(a) Concert Singing

1. Principal Study III (742)
2. Second 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

1. Principal Study III (742)
2. Drama III
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. Principal 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 Principal or Second 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 Principal Study taken separately - - -	54	0	0
For Second Study taken separately - - - -	27	0	0
For each other subject taken separately - - - Up to a maximum of the annual fee of £84 for the full year's course being taken for the first time.	16	0	0
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. ** Allowed 12th December, 1963.
Allowed 7th December, 1932.

Schedules made by the Council under Regulation 3.

Subject No in Syllabus	Subject			Hours a Week	Fee £ s. d.
	FIRST YEAR				
700	Inorganic Chemistry	(U)	Lectures	$2^1, 1^2$	12 0 0
		(U)	Practical	3	6 0 0
701	Inorganic Chemistry, B.P. Salts		Lectures	2	6 10 0
702	Elementary Pharmacy		Lectures	2	15 0 0
			Practical	4	
703	History of Pharmacy		Lectures	1	7 10 0
704	First Aid and Surgical Dressings		Lectures	1^2	5 0 0
	SECOND YEAR				
705	Organic Chemistry	(U)	Lectures	2	16 0 0
		(U)	Practical	6	6 0 0
706	Practical Pharmacy, Volumetric Analysis and Drug Assay I		Lectures	2	15 0 0
			Practical	4	
270	Biology	(U)	Lectures	2	24 0 0
		(U)	Practical	6	6 0 0
	THIRD YEAR				
707	Botany and Pharmacognosy		Lectures	2	12 0 0
708	Commercial Pharmacy		Lectures	1	7 10 0
710	Practical Pharmacy, Volumetric Analysis and Drug Assay II		Lectures	2	15 0 0
			Practical	4	
711	Practical Experience				4 10 0
	FOURTH YEAR				
712	Practical Pharmacy and Dispensing		Lectures	2	15 15 0
			Tutorials	1	
			Practical	4	
713	Forensic Pharmacy		Lectures	1^2	5 0 0
714	Pharmacy Organisation		Lectures	1^2	5 0 0
715	Pure Pharmacology		Lectures	2^1	4 0 0
			Practical	1^1	
716	Bacteriology	(U)	Lectures	$1\frac{1}{2}$	10 0 0
		(U)	Practical	$2\frac{1}{2}$	2 0 0
717	Nutrition		Lectures	1^2	5 0 0
718	Organic Medicinals		Lectures	1	7 10 0

Fee for a special or supplementary examination (theoretical or both) in any subject	£8 0 0
Fee for admission to the diploma	5 5 0

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.

†7. Candidates who have entered upon the course for the Diploma in Social Studies under Regulation 3 (b) in or before the academic year 1965 will be eligible to proceed to the Diploma under these regulations provided that they qualify for the Diploma no later than March 31, 1970, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

†8. 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.

† Awaiting allowance at time of printing.
Allowed 12th December, 1963.

Notes (not forming part of the Regulations):

*(a) The attention of prospective candidates is directed to Chapter X of the Statutes: Of Matriculation.

(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 (660)
- Physiology (661)
- Physics (662)
- Treatment I (663)
- Movement I (664)
- Psychology IA (82).

Second Year:
- Anatomy II (670)
- Treatment II (671)
- Movement II (672)
- Pathology (673)
- Electrotherapy I (674)
- Practice of Hospital Work I (675)

Third Year:
- Treatment III (680)
- Movement III (681)
- Electrotherapy II (682)
- Practice of Hospital Work II (683)

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.

OF THE DIPLOMA IN COMPUTING SCIENCE REGULATIONS.

1. There shall be a postgraduate Diploma in Computing Science.

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 his course for an Ordinary degree of the University may, with permission of the Faculty of Science, be admitted to the course for the diploma if in the same year he enrols for a subject necessary to complete his qualifications for the degree. The diploma will not be granted until the candidate has qualified for the degree.

4. To qualify for the diploma a candidate 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.

5. The course of study to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be prescribed in schedules 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 elsewhere should be counted *pro tanto* for the Diploma in Computing Science, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

7. There shall be three classifications of pass at an annual examination in any subject for the diploma: Pass with Distinction, Pass with Credit, and 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.

8. (a) A candidate who fails to pass in a subject and desires to take the subject again shall again attend lectures and satisfactorily do such written and practical work as the professor or lecturer concerned may prescribe, unless specifically exempted therefrom after written application to the Registrar for such exemption.

(b) 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 to be obtained in writing from the Registrar and then only under such conditions as may be prescribed.

(c) 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 Professor of Computing Science 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 Computing Science.

Awaiting allowance at time of printing.

Schedules made by the Council under Regulation 5.

SCHEDULE I: COURSES OF STUDY.

1. A candidate for the diploma shall regularly attend lectures and tutorials, do such written work as may be prescribed, and pass examinations in the subjects comprising either Course A or Course B in Computing Science.

2. A candidate shall also satisfactorily undertake and complete a course of practical work.

SCHEDULE II: FEES.

(a) For attendance (or re-attendance at lectures and practical work and an annual examination in either Course A or Course B in Computing Science	£96	0	0
(b) For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately: Numerical Analysis, Programming Languages and Computing Mathematics, Theory of Systems, Data Processing, each	24	0	0
(c) For an annual examination with exemption from attendance or (re-attendance) at lectures in any one of the subjects listed in Section (b)	12	0	0
(d) For a supplementary or special examination in any one of the subjects listed in Section (b)	8	0	0
(e) For the course of practical work	24	0	0
(f) For the Diploma	5	5	0

5. TABLE OF FEES.

Note: These fees supersede those published on pp. 659-673 of the separate booklet entitled "Regulations and Rules for Degree and Diploma Courses for the year 1965."

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
Chemical Engineering (Fifth Year)	25	0	0
Electrical Engineering Interstate excursions (Fourth Year)	30	0	0
Electrical Engineering Interstate Excursions (Fifth Year)	30	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	10	10	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

Late Fee payable on submission of late enrolment	£5	0	0
Late Fee 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
Late Fee payable on submission of late entry for examination	5	0	0

Graduation Fee.

The fee payable for admission to a degree or for the granting of a diploma is as follows:

For admission to any degree of Bachelor, whether Ordinary or Honours	£5	5	0
For admission to any degree of Master or Doctor	10	10	0
For the granting of any diploma	5	5	0

Note: The Fee of £5/5/- covers admission to both degrees of M.B., B.S.

Tuition Fees.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

I. Degree of Bachelor of Arts

A. Ordinary Degree of B.A.:			
(1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - -	£36	0	0
(2) For a special examination in any course -	10	0	0
(3) for an annual examination with exemption from attendance or re-attendance at lectures	18	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 - - - - -	£36	0	0
(3) For Honours Mathematics III - - -	72	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 - - - - - - - - -	120	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 - - - - -	£36	0	0
(3) For a special examination in any subject -	10	0	0
(4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - - - -	18	0	0

B. For the Honours work and final Honours examination in Economics - - - - - - -	120 0 0	

III. Degree of Bachelor of Science

	Lectures	Practical Work
A. For the Ordinary Degree:		
(1) General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Mathematical Statistics I, Mathematical Statistics II and Mathematical Physics A: each - - - - - -	£36 0 0	
(2) Honours Mathematics III -	72 0 0	
(3) General Physics, Physics I, Chemistry I, Geology I, Botany, I, Zoology I and Biology: each (inclusive fee) -	36 0 0	
(4) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Botany II, Geology II, Zoology II, Physiology I, Genetics I and Psychology I (S): each -	36 0 0	12 0 0
(5) Physics III, Physics IIIH, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Geology III, Botany III, Zoology III, Microbiology, Physiology II, Genetics II, Histology, and Psychology II (S): each -	36 0 0	36 0 0
(6) Special Subjects:		
Agricultural Economics -	£36 0 0	
Soil Science IA - - -	36 0 0	£12 0 0
Palaeontology - - -	36 0 0	12 0 0
Botany IIA - - - -	36 0 0	24 0 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - - -	72 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 - - -	£120 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) - - - - - - -	10 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

The fee for attendance (or re-attendance) at lectures and practical work and the annual examination in each subject shall, subject to the provision below, be as follows:

	Lectures	Practical work
A. For the Ordinary degree.		
1. General Mathematics, Mathematics I, Agricultural Economics I and II, Economics II, Economic Statistics I, each - - - - - - - - -	£36 0 0	
2. General Physics, Physics I, Chemistry I, Geology I, Geology I (Agriculture), Botany I, Zoology I, Biology, each -	36 0 0	
3. Chemistry II, Zoology II, Botany IIB, Genetics I, Biochemistry I, Geology II, each - - - - - - - - -	36 0 0	12 0 0
4. Agriculture I, Biometry IA, each -	18 0 0	
5. Agricultural Microbiology - - -	18 0 0	6 0 0
6. Agriculture II, Agricultural Biochemistry I, Entomology and Plant Pathology, Animal Physiology and Production I, Soil Science I, Crop Physiology, each - - - - -	36 0 0	6 0 0
7. Biometry IB - - - - - -	54 0 0	
8. Agriculture III, Agricultural Biochemistry II, Agronomy, Animal Physiology and Production II, Soil Science II, Entomology II, Plant Pathology II, Plant Breeding, Horticultural Science, each - - - - - - - - -	36 0 0	16 0 0

	Lectures	Practical work
9. Genetics II	36 0 0	36 0 0

Provided that the total annual fee for a standard academic year's work shall not exceed £144.

Note: The fee for compulsory tours (£50) in Agriculture III is additional to the above fees.

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 £120 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 (see Appendix A).

B. For the special Honours work including examination:

Lectures	£24 0 0
Practical	36 0 0

C. For a special examination (theoretical or practical or both) in any University subject 10 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	£18 0 0
B. For attendance (or re-attendance) at lectures and examination in each other legal subject of the course	36 0 0
C. For attendance at the course of lectures in Legal Ethics and Accounts	12 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	30 0 0
F. For the Final Certificate	5 5 0
G. For a supplementary examination in any subject	10 0 0
H. For attendance at the course of lectures in Taxation Law	18 0 0

Provided that the total tuition fee for a standard academic year's work shall not exceed £144.

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 the first year	£144	0	0
(2) In each of the second, third, fourth, fifth and sixth years	165	0	0
B. For a supplementary examination:			
(1) In any single subject	10	0	0
(2) In any group of subjects	20	0	0

VIII. Degree of Bachelor of Medical Science

For the special year's work and examination in any subject for the Honours degree	£120	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—			
First year	£144	0	0
Each subsequent year	165	0	0
B. For attendance at lectures, practical work and a Final Examination (not being an annual examination)	82	10	0
C. For a supplementary examination in Clinical Dentistry I	24	0	0
D. For a supplementary examination in any other subject	10	0	0
E. For the year's Honours work and examination	120	0	0

X. Degree of Bachelor of Music

A. For each year's work and examination	£120	0	0
B. For a supplementary examination in any subject	10	0	0
C. For chief practical study taken separately	60	0	0
D. For each other subject taken separately (up to a maximum of the annual fee of £120 for the full year's course)	36	0	0
E. For subjects taken separately which are included in the Schedule for the degree of B.A. or for the degree of B.Sc.: the fee prescribed in the relevant Schedule.			
F. For the Honours work and final Honours examination	120	0	0

XI. Degree of Bachelor of Architecture

A. For the Ordinary degree:			
(1) For each year's work, including one annual examination (The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.)	£144	0	0

(2) For a supplementary or special examination (theoretical or practical or both) in any subject	10	0	0
(3) For subjects taken separately: £36 each up to a maximum of the annual fee of £144 for the full year's course.			
B. For the Honours degree: For the additional Honours work and examination	45	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 (see Appendix B).			
B. For a special or supplementary examination (theoretical or practical or both) in any subject - -	£10	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 - - - -	20	0	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 (see Appendix B).			
B. For the Honours degree: For the additional Honours work and examination - - - - - - - - -	£120	0	0
C. For a special or supplementary examination (theoretical or practical or both) in any subject - -	10	0	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 (see appendix C).			
B. For a special examination (theoretical or practical or both) in any subject - - - - -	£10	0	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. - - - - - -	£72	0	0
(2) For guidance without instruction - -	36	0	0

B. Under Regulation 3:			
On approval of the subject of the thesis or of the course of study	5	0	0
C. Annual Registration Fee for work on thesis:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	0

XVI. Degree of Master of Education

A. For attendance (or re-attendance) at lectures and annual examination in each subject	£18	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures	9	0	0
C. For a special examination	6	0	0
D. On approval of the subject of the thesis	5	0	0
E. Annual Registration Fee for work on thesis:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
F. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	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	£72	0	0
(2) For guidance without instruction	36	0	0
B. On approval of the subject of the thesis	5	0	0
C. Annual Registration Fee for thesis work:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination	10	0	0

XVIII. Degree of Master of Business Management

A. Fee for each seminar course	£24	0	0
For the subject Investment Planning and Business Finance	18	0	0
B. On approval of the subject of the thesis	5	0	0
C. Annual Registration Fee for thesis work:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination	10	0	0

XIX. Degree of Master of Science

XX. Degree of Master of Agricultural Science

XXI. Degree of Master of Engineering

XXII. Degree of Master of Applied Science

XXIII. Degree of Master of Laws

A. On approval of the subject of the thesis	£	5	0
B. Annual Registration Fee:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	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

XXV. Degree of Master of Dental Surgery

XXVI. Degree of Master of Architecture

A. On approval of the subject of the thesis	£	5	0
B. Annual Registration Fee:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	0

XXVII. Degree of Master of Town Planning

A. Annual fee for courses of study:			
For candidates by full-time study	£144	0	0
For candidates by part-time study	48	0	0
B. On approval of the subject of the thesis	5	0	0
C. Annual Registration Fee for work on thesis:			
For full-time work in the University	42	0	0
For part-time work in the University	15	0	0
For external work	9	0	0
D. On submission of the thesis for examination or re-examination, or on entry for any examination required	10	0	0

XXVIII. Degree of Doctor of Philosophy

A. On acceptance as a candidate	£ 5 0 0
B. For each term's work for the degree until submission of thesis	14 0 0
C. On submission of the thesis for examination	15 0 0
D. On submission of thesis for re-examination, including the fee for any additional work required	30 0 0

XXIX. Degree of Doctor of Letters

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

XXXII. Degree of Doctor of Medicine

XXXIII. Degree of Doctor of Dental Science

On presentation of the thesis	£31 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

XXXV. Diploma in Education (Old Regulations)

A. For attendance (or re-attendance) at lectures and annual examination:	
(1) In Hygiene	£18 0 0
(2) In Educational Psychology I and II — each part	18 0 0
(3) In the Principles of Education (Pre-Primary, Primary or Secondary) I, II and III — each part	18 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures	9 0 0
C. For a special examination	6 0 0
D. For the course in Practical Teaching	18 0 0

XXXVA. Diploma in Education (New Regulations)

A. For attendance (or re-attendance) at lectures and annual examination in each subject	£18 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures	9 0 0
C. For a special examination	7 10 0
D. For the course in Practical Teaching and Methodology	18 0 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 - - - - -	120	0	0
C. For Principal Study taken separately - - -	60	0	0
For Second Study taken separately - - -	36	0	0
For each other subject taken separately: £24 up to a maximum of the annual fee of £120 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 - - - - - - - -	10	0	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 - - - - -	£18	0	0
C. For a supplementary examination in Public Finance - - - - - - - - - -	10	0	0

XXXIX. Diploma in Pharmacy

As prescribed in the Schedule (see Appendix D).

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): £240 payable in two annual instalments of £120 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 - - - - - -	£36	0	0
Hygiene - - - - - - -	18	0	0
Body Mechanics - - - - - -	12	0	0
First Aid - - - - - - -	2	0	0
Practice of Physical Education - - -	24	0	0
History of Education - - - - -	18	0	0
Practical Work, Part I - - - - -	36	0	0

Third-year Course:			
Human Physiology	36	0	0
Human Nutrition	18	0	0
Clinical Observation and Remedial Work	18	0	0
Principles of Physical Education	24	0	0
Physiological Psychology	18	0	0
Practical Work, Part II	36	0	0
E. For each section of either part of the Practical Work	9	0	0
F. For the course in Practical Teaching	18	0	0
G. For a supplementary examination in any subject	10	0	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	£54	0	0
In Field Work	18	0	0
In each other subject	36	0	0
C. For attendance as a graduate without examination in Social Work I	18	0	0

XLII. Diploma in Physiotherapy

A. For each year's work, including one annual examination	£120	0	0
B. For a supplementary examination in any subject	10	0	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.

XLIII. Diploma in Computing Science

A. For attendance (or re-attendance) at lectures and practical work and an annual examination in either Course A or Course B in Computing Science	£120	0	0
B. For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately			
Numerical Analysis, Programming Languages and Computing Mathematics, Theory of Systems, Data Processing, each	36	0	0
C. For an annual examination with exemption from attendance (or re-attendance) at lectures in any one of the subjects listed in Section B	18	0	0
D. For a supplementary or special examination in any one of the subjects listed in Section B	10	0	0
E. For the course of practical work	36	0	0

Appendix A

ENGINEERING COURSES – 1965 FEES

CIVIL ENGINEERING:

	L.	P.	Inclusive or Total Fee
General Mathematics			£36 0 0
General Physics			36 0 0
Chemistry IA	24	6	30 0 0
Mechanics			36 0 0
Mathematics I (Engineering)			36 0 0
Physics A (Engineering)			36 0 0
Graphics	12	6	18 0 0
Mathematics II (Engineering)			36 0 0
Geology I (Engineering)			36 0 0
Strength of Materials	24	6	30 0 0
Electrical Engineering S	24	6	30 0 0
Engineering Drawing and Design	12	6	18 0 0
Surveying A	12	6	18 0 0
Survey Camp (First)			7 10 0
Civil Engineering I	34	12	48 0 0
Hydraulics	24	6	30 0 0
Instrumentation	12	6	18 0 0
Mechanical Engineering S (C)	24	6	30 0 0
Mathematics III (Engineering)			36 0 0
Economics (Engineering)			36 0 0
Civil Engineering IIA	36	12	48 0 0
Civil Engineering IIB	24	18	42 0 0
Civil Engineering IIC			24 0 0
Survey Camp (Second)			15 0 0

ELECTRICAL ENGINEERING (Old):

(*Subjects not already prescribed above*)

Hydraulics S	12	3	15 0 0
Mechanical Engineering S (E)	16	5	21 0 0
Electrical Engineering II	36	12	48 0 0
Civil Engineering S	24	6	30 0 0
Electrical Engineering IIIA	48	12	60 0 0
Electrical Engineering IIIB	24	6	30 0 0
Electrical Engineering IIIC			24 0 0
Engineering Management			36 0 0
Electrical Engineering A	48	12	60 0 0
Electrical Engineering B	72	18	90 0 0
Mechanical Engineering IA	36	6	42 0 0

	L.	P.	Inclusive or Total Fee
ELECTRICAL ENGINEERING (New):			
(Subjects not already prescribed above)			
Chemistry I			36 0 0
Physics I			36 0 0
Mathematics I			36 0 0
Pure Mathematics II			36 0 0
Applied Mathematics II			36 0 0
Electrical Engineering I	36	6	42 0 0
Workshop Practice (Vacation)			7 10 0
Electrical Engineering II	36	12	48 0 0
Physics II	36	12	48 0 0
Electrical Engineering IIIA	48	12	60 0 0
Electrical Engineering IIIB	36	6	42 0 0
Electrical Engineering IIIC			24 0 0
Vacation Course			12 0 0
MECHANICAL ENGINEERING:			
(Subjects not already prescribed above)			
Production Technology	12	6	18 0 0
Mechanical Engineering IB	24	6	30 0 0
Electronics	12	3	15 0 0
Mechanical Engineering IIA	36	12	48 0 0
Mechanical Engineering IIB	27	15	42 0 0
Mechanical Engineering IIC			24 0 0
MINING ENGINEERING (Fifth Year):			
Mining Engineering II	36	24	60 0 0
Extractive Metallurgy	9		9 0 0
CHEMICAL ENGINEERING:			
(Subjects not already prescribed above)			
Chemistry IIA	36	12	48 0 0
Chemistry IIB	12		12 0 0
Process Engineering I	12		12 0 0
Mechanical Engineering S (Ch)	15	6	21 0 0
Process Engineering IIA	24	6	30 0 0
Process Engineering IIB	36	6	42 0 0
Process Engineering IIC	18	6	24 0 0
Process Engineering IIIA	48	12	60 0 0
Process Engineering IIIB	24	6	30 0 0
Process Engineering IIIC			12 0 0
Process Engineering IIID			36 0 0
HONOURS WORK:			
Lectures	24		
Projects		36	

Provided that the total tuition fee for a standard academic year's work, exclusive of supplementary examinations, Survey Camps and Vacation Courses in Electrical Engineering, shall not exceed £144.

Appendix B

TECHNOLOGY AND APPLIED SCIENCE COURSES—1965 FEES

Subject	Inclusive or Total Fee
Accountancy I	£18 0 0
Accounting Mathematics I	13 10 0
Analytical Chemistry	16 10 0
Applied Electronics	16 10 0
Applied Electronics (Short Course)	11 0 0
Applied Geology	21 0 0
Applied Geology and Economic Geography	10 10 0
Applied Mathematics (T)	16 10 0
Applied Mathematics II (T)	18 0 0
Applied Physical Chemistry	18 0 0
Applied Physics IA	22 10 0
Applied Physics IB	21 0 0
Applied Physics IIA	22 10 0
Applied Physics IIB	22 10 0
Architectural Drawing I (T)	16 10 0
Astronomy	18 0 0
Automatic Control	16 10 0
Bookkeeping and Accounts	13 10 0
Building Administration I	13 10 0
Building Administration II	18 0 0
Building Administration III	13 10 0
Building Construction and Drawing I	16 10 0
Building Construction and Drawing IA	16 10 0
Building Construction and Drawing II	16 10 0
Building Construction and Drawing III	19 10 0
Building Science I (T)	13 10 0
Building Science II (T)	16 10 0
Building Science III (T)	16 10 0
Chemistry IA	30 0 0
Chemistry I (T), Organic	16 10 0
Chemistry IIA	48 0 0
Chemistry IIA, Organic	36 0 0
Civil Engineering A	22 10 0
Civil Engineering A—Mineral	16 10 0
Civil Engineering B	21 0 0
Civil Engineering B—Mineral	19 10 0
Communication Engineering I	19 10 0
Communication Engineering II	19 10 0
Data Processing — First Project	24 0 0
Second Project	36 0 0
Design of Structures	16 10 0
Economics (T)	16 10 0
Electrical Engineering II (T)	16 10 0
Electrical Engineering IIA (T)	16 10 0
Electrical Engineering III (T)	16 10 0
Electrical Engineering Circuits	16 10 0
Electron Physics	16 10 0
Electronic Engineering Design	16 10 0
Electronic Measurements	16 10 0
Electronics and Logical Design	16 10 0

Subject	Inclusive or Total Fee
Engineering Drawing and Design I	16 10 0
Engineering Drawing and Design II	16 10 0
Engineering Materials	16 10 0
Engineering Mechanics I	16 10 0
Estimating and Costing	13 10 0
Extractive Metallurgy I	19 10 0
Extractive Metallurgy IA	16 10 0
Foundry Practice	16 10 0
Free Drawing I (T)	13 10 0
General Electrical Engineering	13 10 0
Geodesy	19 10 0
Geology IA	24 0 0
History of Building	13 10 0
Human Nutrition	15 0 0
Hydraulics (T)	13 10 0
Industrial Economics	7 0 0
Industrial Instrumentation	16 10 0
Industrial Instrumentation A	19 10 0
Industrial Microbiology I	30 0 0
Industrial Microbiology II	36 0 0
Land Surveying, Design and Drafting	16 10 0
Land Valuation Principles and Practice	13 10 0
Law in Relation to Planning	10 10 0
Machine Design	16 10 0
Machine Design Project	18 0 0
Materials and Structures	16 10 0
Mathematics – General	36 0 0
Mathematics I (Engineering)	36 0 0
Mechanical Engineering I (T)	13 10 0
Mechanical Engineering II (T)	16 10 0
Mechanical Engineering III (T)	18 0 0
Mechanics (T)	13 10 0
Metal Fabrication	13 10 0
Methods of Construction and Management	10 10 0
Mineral Dressing	18 0 0
Mineral Engineering I	16 10 0
Mineral Engineering II	19 10 0
Mineral Exploration	13 10 0
Mineral Treatment	16 10 0
Mining Engineering I	30 0 0
Numerical Mathematics I	16 10 0
Numerical Mathematics II	36 0 0
Operations Research	16 10 0
Photogrammetry	22 10 0
Physical Metallurgy I	16 10 0
Physical Metallurgy II	16 10 0
Physical Metallurgy Project	19 10 0
Physics–General	36 0 0
Physics B (Engineering)	18 0 0
Principles of Business and Industry A	13 10 0
Principles of Business and Industry B	13 10 0
Process Technology I	13 10 0
Process Technology II	22 10 0

	L.	P.	Inclusive or Total Fee
Programming			16 10 0
Pulse Techniques			18 0 0
Quantity Surveying I			13 10 0
Quantity Surveying II			13 10 0
Quantity Surveying III			16 10 0
Refrigeration Engineering I			13 10 0
Refrigeration Engineering II			16 10 0
Refrigeration Engineering III			18 0 0
Soils Investigations			18 0 0
Statistics			16 10 0
Strength of Materials (T)			18 0 0
Structures I (T)			22 10 0
Structures IA (T)			19 10 0
Structures II (T)			22 10 0
Structures IIA (T)			16 10 0
Supervision—Human Relations			13 10 0
Survey Camp			7 10 0
Surveying IB			16 10 0
Surveying I (T)			19 10 0
Surveying II			18 0 0
Surveying Computations			16 10 0
Surveying Law			13 10 0
System Analysis			24 0 0
Town Planning Practice I			10 10 0
Unit Operations			16 10 0
Workshop Practice I			16 10 0
Workshop Practice II			16 10 0

Appendix C

Bachelor of Pharmacy

Subject	Inclusive or Total Fee
Chemistry I	36 0 0
Biology	36 0 0
Organic Chemistry II	48 0 0

Appendix D

DIPLOMA IN PHARMACY

	Inclusive or Total Fee
First Year	
Inorganic Chemistry ... ... (U)	£24 0 0
Inorganic Chemistry, B.P. Salts	13 10 0
Elementary Pharmacy	19 10 0
First Aid and Surgical Dressings	7 0 0
History of Pharmacy	10 10 0
Second Year	
Organic Chemistry ... ... (U)	36 0 0
Practical Pharmacy, Volumetric Analysis and Drug Assay I	19 10 0
Biology ... ... (U)	36 0 0
Third Year	
Botany and Pharmacognosy	13 10 0
Commercial Pharmacy	10 10 0
Practical Pharmacy, Volumetric Analysis and Drug Assay II	19 10 0
Practical Experience	6 0 0
Fourth Year	
Practical Pharmacy and Dispensing	21 0 0
Forensic Pharmacy	7 0 0
Pharmacy Organisation	7 0 0
Pure Pharmacology	5 10 0
Bacteriology ... ... (U)	7 10 0
Nutrition	7 0 0
Organic Medicinals	10 10 0
Fee for a special or supplementary examination (theoretical or practical or both) in any University subject	10 0 0

Note: The fee for a special or supplementary examination in any subject at the Institute of Technology will be determined by the Institute.

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 1965

PART V

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1965.

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.

1. 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*, 3rd edition, ed. Meiggs (Macmillan).
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. H., *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:

Augustus, *Res Gestae* (in Velleius Paterculus and *Res Gestae Divi Augusti*, ed. F. W. Shipley, Loeb).
Tacitus, *Histories* and *Annals* (ed. C. H. Moore and J. Jackson, 4 vols., Loeb).
Suetonius, *Lives of the Caesars* (ed. J. C. Rolfe, 2 vols., Loeb).
Dio Cassius, *Roman History* (ed. E. Cary, vols. VI-VIII, Loeb).
Cambridge ancient history, vols. X-XI (C.U.P.).
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.).
Lepper, F. A., *Trajan's Parthian war* (O.U.P.).
Grant, M., *Roman history from coins: some uses of the imperial coinage to the historian* (C.U.P.).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have a Latin-English lexicon and a Latin grammar.

The subjects of examination are as follows:

2. Latin I.

(a) Prose composition.
(b) Unprepared translation.
(c) Virgil, *Aeneid II*; ed. Austin (O.U.P.).
Sallust, *Catiline*; ed. Summers (C.U.P.).
Horace, *Odes, book II*; ed. Gould and Whiteley (Macmillan).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

3. Latin II.

(a) Prose composition (Hardie, W. R., *Latin Prose Composition* (Arnold) will be used).
(b) Unprepared translation.
(c) Virgil, *Eclogues*; in Virgil, *Bucolics and Georgics*, ed. Page (Macmillan).
Seneca, *Select Letters*; ed. Summers (Macmillan).
Juvenal, *Satires*; ed. Duff (C.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).

6. Latin III.

(a) Prose composition.
(b) Unprepared translation.
(c) Tacitus, *Histories, book II*; ed. Irvine (Methuen); in additon to the books prescribed for Latin II.
(d) The history of the early Empire (27 B.C.-138 A.D.). The lectures will be given in the third term. Cary, M., *History of Rome* (Macmillan) will continue to be used.
(e) Roman society.
Students should read *Cicero and the Roman Republic* (Cowell, Pelican) and *Daily life in ancient Rome at the height of the Empire* (Carcopino, Pelican).

9. 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.°
(c) Passages for translation into English from Latin prose authors.

° 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.

(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.

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:

10. 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 fee for the course is £24.

The following books will be used:
Nairn, J. A., and Nairn, G. A., *Greek through reading* (Ginn).
Herodotus, *book IX*, Chapters 33-75, ed. Shuckburgh (C.U.P.).
Euripides, *Medea*, lines 1-356.

11. Greek I.

(a) Prose composition (Sidgwick, *Greek Prose Composition*, Longmans, Green, will be used).

(b) Unprepared translation.

(c) Homer, *Iliad, book XXIV*: ed. Leaf and Bayfield (Macmillan).
Herodotus, *book VI*; ed. Shuckburgh (C.U.P.).
Euripides, *Electra*; ed. Denniston (O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

13. Greek II.

(a) Prose composition.
(b) Unprepared translation.
(c) Aeschylus, *Agamemnon*; ed. Denniston and Page (O.U.P.).
Thucydides, *book I*; ed. Marchant (Macmillan).
Aristophanes, *Birds*; ed. Merry (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.); *or* Bury, J. B., *History of Greece* (Macmillan, 3rd edition, ed. Meiggs).

16. Greek III.

(a) Prose composition.

(b) Unprepared translation.

(c) *Theocritus* 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.).

17. Comparative Philology.

Pre-requisite subjects: Leaving Latin and *either* Greek I (11) *or* Latin I (2) *or* French I (31) *or* German *I* (41) *or* IA (42).

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 Melluish, T. W., *Teach yourself Greek* (E.U.P.).

(b) Phonetics:
Ward, I. C., *The phonetics of English* (Heffer).

(c) Comparative Philology:
Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).

19. 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.

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 course in Australian Literature forms no part of a sequence in English.

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 time-table 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.

1965:

Alexander, H., *The story of our language* (W. H. Allen).
Barfield, O., *History in English words* (Methuen).

1966 (Provisional):

Jespersen, O., *Growth and structure of the English language.*
Potter, S., *Our language* (Pelican).

II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:

1965:

A. Poetry:

Chaucer, *The parlement of foules; The Pardoner'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).
Pope, *Poems.*
Yeats, *Poems,* ed. A. N. Jeffares (St. Martin's Library, Macmillan).
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:
Hakluyt, *Voyages and documents,* ed. J. Hampden (World's Classics).
Johnson on Shakespeare, ed. W. Raleigh (Oxford).
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.).

1966 (Provisional):

A. Poetry:
Chaucer, *The parlement of foules; The Nun's Priest's prologue* and *Tale.*
Donne, *Songs and sonets,* ed. T. Redpath (2nd ed., Methuen).
Pope, *Poems.*
Yeats, *Poems,* ed. A. N. Jeffares (St. Martin's Library, Macmillan).
Fitzgerald, *Australian poets: Robert D. Fitzgerald* (Angus and Robertson).

B. Drama:
Marlowe, *Doctor Faustus.*
Shakespeare, *Antony and Cleopatra.*
Wilde, *The importance of being earnest.*
Shaw, *Man and Superman.*
Seymour, *The one day of the year, OR* Osborne, *Look back in anger.*

C. Fiction:
Fielding, *Tom Jones.*
Dickens, *Bleak House.*
Lawrence, *Sons and lovers.*
Joyce, *Dubliners.*

D. Prose:
Hakluyt, *Voyages and documents,* ed. J. Hampden (World's Classics).
Johnson, *Johnson on Shakespeare,* ed. W. Raleigh (Oxford).
Gosse, E., *Father and son.*

23. English II.

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 (Group A) and one outside it (Group B). In each year several options will be available for special study.

Students are invited to consult their tutors in advance about choice of options.

1965:

I. English 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.*

Recommended:

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) The Eighteenth Century Novel.

With special attention to:

Defoe, *Moll Flanders.*
Richardson, *Pamela.*
Fielding, *Joseph Andrews.*
Smollett, *Roderick Random.*
Goldsmith, *The Vicar of Wakefield.*
Shorter novels of the eighteenth century (Everyman Library).

B (3) 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).

(4) Modern Drama.

A study of twentieth century drama, with special attention to:

Shaw, *Major Barbara.*
Synge, *The playboy of the western world.*
O'Casey, *Juno and the Paycock.*
O'Neill, *Mourning becomes Electra.*
Brecht, *The good woman of Setzuan.*
Eliot, *The cocktail party.*
Beckett, *Waiting for Godot.*
Pinter, *The caretaker.*
Wesker, *Chips with everything.*

(5) 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 at the court of King Arthur.*
James, *Daisy Miller.*
Williams, Tennessee, *Sweet bird of youth; A streetcar named Desire; The glass menagerie* (Penguin).
Salinger, *The catcher in the rye.*

1966 (Provisional):

I. English 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, *Edward II.*
Shakespeare, *Much ado about nothing.*
Webster, *The Duchess of Malfi.*
The metaphysical poets, ed. H. Gardner (Penguin).
Donne, *Selected sermons,* ed. T. A. Gill (Meridian Paperback).
Milton, *Paradise lost.*
Wycherley, *The country wife.*
Dryden, *Poems.*
Swift, *Gulliver's travels.*
Gray and Collins, *Poems* (Oxford Standard Authors).
Smollett, *Humphry Clinker.*
Sterne, *Tristram Shandy.*
Johnson, *London; The vanity of human wishes; Rasselas; Lives of Cowley, Dryden, Gray* and *Collins.*

Recommended:

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) The Eighteenth Century Novel.

With special attention to:

Defoe, *Moll Flanders.*
Richardson, *Pamela.*
Fielding, *Joseph Andrews; Tom Jones.*
Goldsmith, *The Vicar of Wakefield.*
Shorter novels of the eighteenth century (Everyman Library).

B (3) 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).

(4) Modern Drama.

A study of twentieth century drama, with special attention to:

Shaw, *Major Barbara.*
Synge, *The playboy of the western world.*
O'Casey, *Juno and the Paycock.*
O'Neill, *Mourning becomes Electra.*
Brecht, *The good woman of Setzuan.*
Eliot, *The cocktail party.*
Beckett, *Waiting for Godot.*
Pinter, *The caretaker.*
Wesker, *Chips with everything.*

(5) 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 at the court of King Arthur.*
James, *Daisy Miller.*
Williams, Tennessee, *Sweet bird of youth; A streetcar named Desire; The glass menagerie* (Penguin).
Salinger, *The catcher in the rye.*

24. Australian Literature.

N.B. This course will not be available in 1965.
Pre-requisite subject: English I.
The subject forms no part of a sequence in English.

I. Authors and works, with prescribed books of poetry, fiction, and drama for detailed study.

II. Cultural analysis, embracing writings of an historical, descriptive, and discursive nature, as well as recommended secondary studies. The purpose of this section of the course is to clarify the background and conditions in which an Australian literature has evolved and to define its scope and nature at the present day.

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:

Bolton, W. F., *An Old English anthology* (Edward Arnold).
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.

1965:

A. Prescribed texts:

The following books are to be studied in detail:

Poems of Wordsworth, Coleridge, Keats, Arnold, Hopkins (*Selected Poems,* ed. Gardner, Penguin), Yeats (*Selected poetry,* St. Martin's Library, Macmillan), Pound (*Selected poems,* Faber), Eliot (*Selected poems,* Faber), Auden (*Selected poems,* Penguin).
Peacock, *Nightmare Abbey.*
Scott, *Redgauntlet.*
Dickens, *Dombey and Son.*
Thackeray, *Vanity Fair.*
Mill, *On Bentham and Coleridge.*
Hardy, *The return of the native.*
Conrad, *Nostromo.*
The Faber book of modern verse (new ed.)
Lawrence, *Women in love.*
Joyce, *Ulysses.*
Hemingway, *Fiesta* (*The sun also rises*).
Woolf, *To the lighthouse.*

Huxley, *Point counter point.*
Graves, *Goodbye to all that.*
Shaw, *The apple cart.*

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.

Daiches, D., *Critical approaches to literature.*
Enright, D. J., and de Chickera, E. (eds.), *English critical texts* (O.U.P.).
Leavis, F. R., *New bearings in English poetry.*

1966 (Provisional):

A. Prescribed texts:

The following books are to be studied in detail:

Poems of Crabbe, Blake, Coleridge, Wordsworth, Byron, Shelley, Keats, Tennyson (*Selected poetry,* ed. Charles Tennyson, Longmans), Browning (*Poems, 1842-1864,* World's Classics), Yeats (*Selected poetry,* St. Martin's Library, Macmillan).
Wordsworth, *Preface to lyrical ballads.*
Austen, *Mansfield Park.*
Peacock, *Nightmare Abbey, Crotchet Castle.*
Scott, *Redgauntlet.*
Hazlitt, *The spirit of the age.*
Byron, *Letters* (Everyman).
Mill, *On Bentham and Coleridge.*
Dickens, *Dombey and Son.*
Thackeray, *Vanity Fair.*
Meredith, *The ordeal of Richard Feverel.*
Hardy, *The return of the native.*
James, *Short stories* (World's Classics).
Shaw, *Major Barbara.*
Lawrence, *The rainbow.*
Woolf, *To the lighthouse.*

B. Special Period.

The special period in 1966 will be 1780-1830.

Of the authors and texts prescribed, the following fall wholly or partly within the special period: Crabbe, Blake, Coleridge, Wordsworth, Byron, Shelley, Keats, Austen, Peacock, Scott, Hazlitt.

C. Australian Literature.

Fitzpatrick, K. (ed.), *Australian explorers* (World's Classics).
Boyd, M., *The Montforts* (Rigby).
Herbert, X., *Capricornia.*
Hope, A. D., *Poems.*
Special topic: Australian longer poems.

D. Shakespeare.

Richard III, King John, Henry IV, I and II.

E. Principles and Practice of Literary Criticism.

Daiches, D., *Critical approaches to literature.*
Enright, D. J., and de Chickera, E. (eds.), *English critical texts* (O.U.P.).
Hodgart, Patricia, and Redpath, T. (eds.), *Romantic perspectives.*

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).
Dickins 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.).
Skeat, W. W. (ed.), *The lay of Havelok the Dane,* 2nd edition, 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 Malade imaginaire* (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.).
Robinson, J., and Martin, A., *France today* (Sydney, Novak).
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).
Duverger, M., *Les Institutions françaises* (P.U.F.).
Duverger, M., *La Cinquième Republique* (P.U.F.).
Goguel, F., et Grosser, A., *La politique en France* (Armand Colin).
Pickles, D. M., *The fifth French Republic* (Methuen).
Wright, G., *France in modern times* (Murray).
Williams, P.M., *Crisis and compromise* (Longmans).
Williams, P. M., and Harrison, M., *De Gaulle's Republic* (Longmans).

(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).
Bossuet, *A Prose Anthology*, ed. J. Strandring (Harrap).
Prévost, *Histoire du chevalier des Grieux et de Manon Lescaut*, ed. King (Harrap).

(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: *Le roman aux XVIIe et XVIIIe siècles.*

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 (Larousse).
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. et J. H., *La France et sa littérature* (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, *Mithridate*, ed. Rudler (Blackwell).
Madame de Sévigné, *Choix de lettres*, ed. Wilson (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:
Roe, F. C., and Lough, J., *French prose composition* (Longmans).
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).
Musset, *Lorenzaccio* and *Un Caprice*, ed. Shaw (London U.P.).
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: *Le théâtre contemporain.*
Term II: *Les principales tendances du roman français contemporain.*
Term III: *La poésie francaise depuis Baudelaire.*
Prescribed books:
Lagarde A. et Michard, L., *XIXe Siècle* and *XXe Siècle* (Bordas or Harrap).
Reference books:
Simon, P. H., *Théâtre et Destin* (Armand Colin).
Peyre, H., *The contemporary French novel* (O.U.P.).
Raymond, M., *De Baudelaire au Surréalisme* (José Corti).
Nathan, J., *Histoire de la littérature française contemporain* (F. Nathan).
Simon, P. H., *Histoire la littérature française au XXe siècle* (Armand Colin).
Bornecque, P. H. et J. H., *La France et sa littérature* (Lyon, I.A.C.).

(e) Explication de textes.
Prescribed books:
(i)
Claudel, *L'Annonce faite à Marie* (Livre de Poche).
Sartre, *Les Mouches*, ed. North (Harrap).
Montherlant, *La reine morte* (Livre de poche).
(ii) Any FOUR of the following:
Proust, *Combray*, ed. Brée and Lynes (Harrap).
Gide, *La symphonie pastorale* (Livre de Poche).
Malraux, *La condition humaine* (Livre de Poche).
Sartre, *La Nausée* (Livre de Poche).
Bernanos, *Journal d'un curé de campagne* (Livre de Poche).
Camus, *L'Etranger*, ed. Brée and Lynes (Methuen).
(iii)
French Poetry from Baudelaire to the Present, ed. Marks (N.Y., Dell, "Laurel Language Library").

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, *Maistre 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 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:
Anderson, W. E., *Das heutige Deutschland* (Harrap).
Gottfried von Strassburg, *Tristan* (Penguin).
McEvedy, C., *The Penguin atlas of medieval history* (Penguin).
Reinhardt, K. F., *Germany: 2,000 years*, 2 vols. (Constable).
Schauer, H., and others, eds., *Aus altdeutscher Zeit*, vols. 1 and 2 (Klett).
Schulz, K., *Aus deutscher Vergangenheit* (Hueber).

(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.

The examination in connection with (c) below will take place in January/February, i.e. at the time of the University supplementary examinations.

(a) Language.
Prescribed texts:
Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt).
Ellert, F. C., and Heller, P., *German One* (Heath and Co.)
Hofe, H. von, *Im Wandel der Jahre*, 3rd ed. (Holt, Rinehart and Winston).
Recommended text:
Russon, L. J., *Complete German Course* (Longmans).

(b) Introduction to German life and culture.
Prescribed texts:
Goethe, *Faust* (Doubleday).
Gottfried von Strassburg, *Tristan* (Penguin).
McEvedy, C., *The Penguin atlas of medieval history* (Penguin).
Reinhardt, K. F., *Germany: 2,000 years*, 2 vols. (Constable).

(c) Introduction to modern German literature.
Prescribed texts:
Brecht, *Der gute Mensch von Sezuan* (Methuen).
Dürrenmatt, *Der Besuch der alten Dame* (Methuen).
Hauptmann, *Bahnwärter Thiel* (Max Hueber).
Kafka, *Die Verwandlung* (Methuen).
Mann, T., *Tonio Kröger* (Blackwell).
Zobel, K., ed., *Erzählungen* (Max Hueber).

(d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German IA 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.

43. German II.

(a) Translation, prose composition and essay writing.
Prescribed texts:
See German I, (a).

(b) *Studies in German Literature,* 1820-1930.
Prescribed texts:
Grillparzer, *König Ottokars Glück und Ende* (Blackwell).
Büchner, *Dantons Tod* (M.U.P.).
Hebbel, *Maria Magdalena* (Blackwell).
Heine, *Reisebilder, Späte Lyrik* (Goldmann, No. 410).
Storm, *Renate* (Reclam).
Keller, *Kleider machen Leute* (Reclam).
Meyer, *Der Heilige* (Reclam).
Raabe, *Zum wilden Mann* (Reclam).
Hauptmann, *Die Weber* (Harrap).
Rilke, *Gedichte* (Reclam).
Musil, *Die Verwirrungen des Zöglings Törless* (Rowohlt).
Kafka, *Die Verwandlung* (Fischer, No. 19).
Brecht, *Die Dreigroschenoper* (Rowohlt).
Mann, T., *Mario und der Zauberer* (Fischer-Schulausgaben).
Killy, W. (ed.), *Zeichen der Zeit,* vols. 3-4 (Fischer, Nos. 347, 276).

(c) Selected texts of German Classicism and Romanticism.
Prescribed texts:
Goethe, *Faust,* Parts I and II (Reclam or any other complete edition).
Friedrich, T., and Scheithauer, L., *Kommentar zu Goethes Faust* (Reclam).
Hamburger, Michael, ed., *Hölderlin* (Penguin).
Novalis, *Hymnen an die Nacht. Heinrich von Ofterdingen* (Goldmann, No. 507).
Kleist, *Erzählungen* (dtv-Gesamtausgabe, vol. 4). *Das Käthchen von Heilbronn* (dtv-Gesamtausgabe, vol. 3 or Reclam). *Prinz Friedrich von Homburg* (dtv-Gesamtausgabe, vol. 3 or Harrap or Reclam).

(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.
Prescribed texts:
Potter, S., *Language in the modern world* (Pelican).
Sperber, H., *Geschichte der deutschen Sprache* (Göschen, vol. 915).
Moser, H., *Deutsche Sprachgeschichte* (Schwab).
Recommended texts:
Bach, A., *Geschichte der deutschen Sprache* (Quelle and Meyer).
Priebsch, R., and Collinson, W. E., *The German language* (Faber).
Bloomfield, L., *Language* (Holt).

(b) The German Novel from Goethe to Thomas Mann.
Prescribed texts:
Goethe, *Wilhelm Meisters Lehrjahre* (dtv, vols 15, 16).
Novalis, *Heinrich von Ofterdingen* (Goldmann No. 507).
Keller, *Der grüne Heinrich* (Fischer, Exempla Classica 39).
Stifter, *Der Nachsommer* (Goldmann).
Raabe, *Stopfkuchen* (rororo).
Fontane, *Effi Briest* (Knaur).
Mann, T., *Der Zauberberg* (any ed.).

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:
Prawer, 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).
Egmont (Harrap).
Iphigenie auf Tauris (O.U.P. *or* Nelson).
Faust, Pt. 1 (Harrap *or* Macmillan).
Hermann und Dorothea (dtv, 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*, vols. 1 and 2 (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 Wildonie, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).
Hartmann von Aue, *Der arme Heinrich*, ed. H. Paul (Niemeyer *or* Reclam).
Wernher Der Gartenaere, *Die Märe vom Helmbrecht*, 6. Auflage, ed. Fr. Panzer (Niemeyer).
Either
Wright, J., *Middle High German primer* (Clarendon Press); *or*
de Boor, H. V., and Wisniewski, R., *Mittelhochdeutsche Grammatik* (Sammlung Göschen).
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, *Gedichte* (dtv-Gesamtausgabe, vols. 1-5).
Chronik von Goethes Leben (dtv-Gesamtausgabe, vol. 45).
Gerlach, H. E., and Herrmann, O., eds., *Goethe erzählt sein Leben* (Fischer Bücherei 136).

(c) Studies in the Drama.
Prescribed texts:
Das Donaueschinger Passionsspiel. Copies will be issued by the Department.
Sachs, *Das heisse Eisen* (Reclam).
Der fahrende Schüler im Paradeis (Reclam).
N.B.—Both plays are in the same volume: Reclam 7627.
Bidermann, *Cenodoxus* (copies will be issued by the Department).
Gryphius, *Carolus Stuardus* (Leicester Publications Board, University of Leicester).
Kleist, *Der zerbrochene Krug* (Macmillan).
Schiller, *Wallensteins Tod* (Blackwell).
N.B.—This edition also includes *Wallensteins Lager* and *Die Piccolomini.*

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).
Wolfram von Eschenbach, *Parzival*, ed., A. Leitzmann (Altdeutsche Textbibliothek 12-14, Niemeyer).
Walther von der Vogelweide, *Gedichte* (Altdeutsche Textbibliothek 1, 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 IIA; in History I (A *or* B *or* C) or Politics I or Economics I or Social Economics before he may take History IIB; and in History II (A *or* B) before he may take History III (A *or* B).

History IA, B and C are alternative courses available to all students, but those intending only one course in History should not take History IA. Candidates for the Diploma of Social Studies are recommended to take History IB and Law students are recommended to take History IC.

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.*
Elliott, J. H., *Imperial Spain* (Arnold).
Ogg, D., *Europe in the seventeenth century* (A. C. Black).
Anderson, M., *Europe in the eighteenth century,* 1713-83 (Longmans).
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.*
Ensor, R. C. K., *England,* 1870-1914 (Oxford, Clarendon Press).
Halévy, E., *A history of the English people in the nineteenth century,* Vol. I, *England in* 1815.
De Schweinitz, K., *The road to social security* (O.U.P.).

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).
Woodroofe, K., *From charity to social work.*
Woodward, E., *The age of reform,* 1815-70 (Oxford Clarendon Press).
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*:

Stenton, D. M., *English society in the early middle ages* (Penguin).
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.*

(b) Constitutional:

Keir, D. L., *The constitutional history of modern Britain.*
Lyon, B., *A constitutional and legal history of medieval England* (Harper).

(c) Documents:

Stephenson, Carl, and Marcham, F. G., *Sources of English constitutional history.*

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.*
Rudé, G. F., *Revolutionary Europe,* 1783-1815.
Ergang, R., *Europe since Waterloo.*

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.*
Gershoy, L., *The era of the French revolution,* 1789-1799.
Halévy, E., *History of the English people in the nineteenth century.*
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 oversea in the seventeenth and eighteenth centuries, with attention in seminars to economic policy and thought of the period.

Preliminary reading:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D.* 1750, chapters 6-9.
Court, W. H. B., *A concise economic history of Britain from* 1750 *to recent times,* chapters 1-7.
Lipson, E., *The economic history of England,* Vols. II and III, *The age of mercantilism.*
The Cambridge History of the British Empire, Vol. I, *The old regime from the beginning to* 1783 (relevant sections).

Other useful books:

Ashton, T. S., *An economic history of England—the eighteenth century.*
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.*
Halévy, E., *A history of the English people,* 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.*
Knorr, K. E., *British colonial theories,* 1570-1850.
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.*
Supple, B. E., *Commercial crisis and change in England,* 1600-1642.

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.

Alternative courses will be offered in 1965. Students may take *either* a general study of nation-building outside Europe in the nineteenth and twentieth centuries, entitled "General History", *or* a study of the expansion of the European economy in the nineteenth and twentieth centuries, entitled "Economic History".

General History.

A general study of nation-building outside Europe in the nineteenth and twentieth centuries, together with a special subject. Details and reading lists of the special subjects offered will be available from the department; the alternatives offered in 1965 will include India and Pakistan, and Australia.

Recommended reading:

Robinson, R., and others, *Africa and the Victorians.*
Hancock, W. K., *Survey of British Commonwealth affairs.*
Hobson, J. A., *Imperialism.*
Matthew, H. M. (ed.), *Asia in the modern world* (New American Library).
Panikkar, K. M., *Asia and western dominance* (Allen and Unwin).
Panikkar, K. M., *The Afro-Asian states and their problems* (Allen and Unwin).
Storry, R., *A history of modern Japan* (Pelican).
Vinacke, H. M., *A history of the Far East in modern times* (Appleton-Century-Crafts).
Peffer, N., *The Far East* (University of Michigan Press).
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., *Sources of Australian history* (Oxford University Press).
Greenwood, G. (ed.), *Australia* (Angus and Robertson).
Clark, C. M. H., *Select documents in Australian history.*
Coleman, P. (ed.), *Australian civilisation.*
Fitzpatrick, B., *The British Empire in 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.*

Economic History.

A study of the expansion of the European economy during the nineteenth and twentieth centuries.

Recommended reading:

Allen, G. C., and Donnithorne, A. G., *Western enterprise in Far Eastern economic development: China and Japan.*
Ashworth, W., *A short history of the international economy since* 1850.
Cipolla, C., *The economic history of world population* (Pelican).
Condliffe, J. B., *The commerce of nations* (relevant sections).
Feis, H., *Europe the world's banker,* 1870-1914.
Gerschenkron, A., *Economic backwardness in historical perspective.*
Hubbard, G. E., *Eastern industrialization and its effect on the West.*
Ashworth, W., *An economic history of England,* 1870-1939.
Cairncross, A. K., *Home and foreign investment,* 1870-1913.
Imlah, A. H., *Economic elements in the pax britannica.*
Jenks, L. H., *The migration of British capital to* 1875.
Saul, S. B., *Studies in British overseas trade,* 1870-1914.
Rostow, W. W., *British economy of the* 19*th century.*
Thomas, B., *Migration and economic growth.*
Youngson, A. J., *The British economy,* 1920-1957.
Bruck, W. F., *Social and economic history of Germany from William II to Hitler,* 1888-1938.
Clapham, J. H., *The economic development of France and Germany,* 1815-1914.
Klein, B. H., *Germany's economic preparation for war.*
Stolper, G., *German economy,* 1870-1940, *issues and trends.*
Townsend, M. E., *The rise and fall of Germany's colonial empire,* 1884-1918.
Cameron, R. E., *France and the economic development of Europe,* 1800-1914.
Clough, S. B., *France—a history of national economics,* 1789-1939.
Haight, F. A., *A history of French commercial policies.*
Roberts, S. H., *The history of French colonial policy,* 1870-1925.
Baykov, A. M., *The development of the Soviet economic system.*
Holzman, F. D. (ed.), *Readings on the Soviet economy* (Rand McNally).
Jasny, N., *Soviet industrialization,* 1928-1952.
Lyashchenko, P. I., *History of the national economy of Russia.*
Mavor, J., *An economic history of Russia,* 2nd edition (Dent).
Nove, A., *The Soviet economy.*
Simmons, J. E. (ed.), *Continuity and change in Russian and Soviet thought.*
Heimann, E., *History of economic doctrines.*
Lewis, W. A., *The theory of economic growth.*

57. History IIIB.

Pre-requisite: History II (A *or* B); not available to exempted students.

Alternative courses will be offered in 1965. Students may take *either* a course in American History *or* a course in Medieval History.

A History of the United States of America.

Preliminary reading:

Thistlewaite, F., *The great experiment* (Cambridge University Press).
Morris, R. B., *Basic documents in American history* (Anvil).

Students should have:

Staff, Social Science I, The College of the University of Chicago (eds.), *The people shall judge. Readings in the formation of American policy* (University of Chicago Press).

Other useful books:

Manning, T. G., and Potter, D. M., *Select problems in historical interpretation* (Holt).
Commager, H. S., *Documents of American history*, 1492-1949 (Appleton-Century-Crafts).
Craven, A. Johnson, W., and Dunn, F. R., *A documentary history of the American people* (Ginn).
Department of American Studies, Amherst College, *Problems in American civilisation* (Heath).
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. (O.U.P.).
Beard, C. A., and Mary R., *The rise of American civilisation* (Macmillan).
Morgan, E. S., *The birth of the republic* (University of Chicago Press).
Potter, D. M., *People of plenty* (University of Chicago Press).
Galbraith, J. K., *The great crash*: 1929 (Hamish Hamilton).
Galbraith, J. K., *The affluent society* (Hamish Hamilton and Penguin).
Lerner, Max, *America as a civilization* (Simon and Schuster).
Turner, F. J., *Frontier and section* (Prentice-Hall).
Brogan, D. W., *An introduction to American politics* (Hamish Hamilton).
Bailey, T. A., *Diplomatic history of the United States* (Appleton-Century-Crafts).
Pratt, J. W., *A history of United States foreign policy* (Prentice-Hall).
Kennan, G. F., *American diplomacy*, 1900-1950 (Secker and Warburg).
Hofstadter, R., *The age of reform: from Bryan to F.D.R.* (Knopf).
Schlesinger, A. M. Jr., *The age of Roosevelt*, 3 vols. (Houghton-Mifflin).
Higham, J., *The reconstruction of American history* (Hutchinson).
Fine, S., and Brown, G. S., *The American past*, 2 vols. (Macmillan).
Blum, J., and others, *The national experience* (Harcourt).

Medieval Europe.

A course of medieval studies with particular reference to the period 1050-1350. The course will consist of lectures on general topics, and tutorials in which there will be opportunities for specialised work. No previous knowledge of medieval history or of Latin is required.

Details and reading lists for this course will be available from the Department of History.

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 (two papers)
  (iii) 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.

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.

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.

Democratic Government.

No pre-requisite.

A first year course; available to exempted students.

Two terms are devoted to an analysis of the institutions and political processes characteristic of modern parliamentary democracies. Attention is directed mainly to the principles and general features of the Australian political system, but reference is made to Great Britain and other countries. A term is spent examining basic democratic beliefs and assumptions.

Preliminary reading:

Wheare, K. C., *Legislatures* (O.U.P.).
Bagehot, W., *The English constitution* (Fontana).
Sawer, G., *Australian government today* (M.U.P.).
Rorke, J. (ed.), *Aspects of Australian government* (Platypus pamphlet).
Hetherington, R., and Reid, R. L., *The South Australian elections* 1959 (Rigby).

Students need:

Strachey, J., *The challenge of democracy* (Encounter Pamphlet).
Miller, J. D. B., *Australian government and politics* (Duckworth); *or*
Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).
Blondel, J., *Voters, parties, and leaders* (Pelican).
Utley, T. E., and McClure, J. S. (eds.), *Documents of modern political thought* (C.U.P.).
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:

Karmel, P., and Brunt, M., *The Australian economy* (Cheshire).
Lindsay, A. D., *The essentials of democracy* (O.U.P.).
Wheare, K. C., *Modern constitutions* (H.U.L.).
Davies, A. F., *Australian democracy* (Longmans).
Encel, S., *Cabinet government in Australia* (M.U.P.).
A.I.P.S., *Forces in Australian politics* (Angus and Robertson).
Davis, S. R. (ed.), *The government of the Australian states* (Longmans).
Morrison, H., *Government and parliament* (O.U.P.).
Mackintosh, J. P., *The British cabinet* (Stevens).
Jupp, J., *Australian party politics* (M.U.P.).
McKenzie, R. T., *British political parties* (Heinemann).
Finer, S. E., *Anonymous empire* (Pall Mall Press).
Truman, T., *Catholic action and politics* (Georgian House).
Williams, F., *Dangerous estate* (Grey Arrow).
Pickles, D. M., *Introduction to politics* (Sylvan Press).
Laski, H. J., *A grammar of politics* (Allen and Unwin).
Tawney, R. H., *Equality* (Allen and Unwin).

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).
Fainsod, M., *How Russia is ruled* (Harvard, 1963).
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).
Scott, D. J. R., *Russian political institutions* (Allen and Unwin).
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, Ottowa).
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* (Mentor).
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).
Eckstein, H., and Apter, D. (eds.), *Comparative politics* (Glencoe Free Press).
Macridis, R. C., and Ward, R. E., *Modern political systems*, vol. 1, Europe (Prentice-Hall).
Macridis, R. C., and Brown, B. E., *The De Gaulle republic* (Dorsey).
Verney, D. V., *The analysis of political systems* (Routledge, Kegan Paul).
Key, V. O., *Southern politics* (Vintage).

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:

Dimock, 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).
Utley, T. E., *Occasion for Ombudsman* (Christopher Johnson).
Sawer, G., *Ombudsmen* (M.U.P.).
Chapman, Brian, *The profession of government* (Allen and Unwin).
British Government observed (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).
La Palombara, J. (ed.), *Bureaucracy and political development* (Princeton).
Bridges, E. B., *The Treasury* (Allen and Unwin).
Hanson, A. H. (ed.),*Nationalization: a book of readings* (Allen and Unwin).

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).
Plamenatz, J., *Man and society* (Longmans).
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).
Runciman, W. G., *Social Science and political theory* (Cambridge).
Bottomore, T. B., *Elites and society* (Watts).
Guttsman, W. L., *The British political elite* (MacGibbon and Kee).
Ossowski, S., *Class structure in the social consciousness* (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).
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).
Howard, M. (ed.), *Soldiers and Governments* (Eyre and Spottiswoode).
Johnson, J. J. (ed.), *The role of the military in underdeveloped countries* (Princeton).
Michels, R., *Political parties* (Free Press).
Duverger, M., *Political parties* (Methuen).
McKenzie, R. T., *British political parties* (Heinemann).

67. Politics IIIB.

International Relations.

Pre-requisite subject: Politics IIA *or* IIB *or* History IIA. A third-year course; not available to exempted students. The course is divided into two sections which will be examined separately.

(i) The structure 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.

Students will be expected to have completed some background reading in post-Napoleonic international history. The following books are suggested:

Grant, A. J., and Temperley, H. W. V., *Europe in the nineteenth and twentieth centuries* (Longmans).
Langer, W. L., *Diplomacy of imperialism*, 1890-1902 (Knopf).
European alliances and alignments, 1871-1890 (Knopf).
Mansergh, N., *The coming of the first world war*, 1878-1914 (Longmans, Green).
Seton-Watson, R. W., *Britain in Europe*, 1789-1914 (Cambridge).
Sontag, R. J., *European diplomatic history*, 1871-1932 (Appleton, Century, Crofts).
Taylor, A. J. P., *The struggle for mastery in Europe* (Clarendon).
Woodward, E. L., *War and peace in Europe*, 1815-1870 (Constable).

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.).
Brierly, 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., *Power and International relations* (Random House).
Swords into ploughshares (Random House).
Smith, G. Connel-, *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).
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).
Seton-Watson, H., *Neither war nor peace* (Methuen).
Waltz, K. N., *Man, the state, and war* (Columbia).
Wight, M., *Power politics* (R.I.I.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).
Taylor, R., *Metaphysics* (Prentice-Hall).
Copi, I. M., *Introduction to logic*, 2nd edition (Macmillan).
Strawson, P. F., *Introduction to logical theory* (Methuen University Paperbacks).
Descartes, *Selections*, edited by R. M. Eaton (Scribner's).

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).
Nowell-Smith, P. H., *Ethics* (Pelican).
Mill, J. S., *Utilitarianism* (Fontana).
Quine, W. V., *Methods of logic,* 2nd edition, revised (Routledge and Kegan Paul).

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).
Austin, J. L., *Sense and sensibilia* (O.U.P.).
Austin, J. L., *Philosophical papers* (O.U.P.).
Hilbert, D., and Ackermann, W., *Principles of mathematical logic,* 2nd edition (Chelsea).

77. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. Subjects of examination will be the topics discussed in the following books:

Anscombe, G. E. M., *Intention* (Blackwell).
Hampshire, S., *Thought and action* (Chatto and Windus).
Hare, R. M., *Freedom and reason* (O.U.P.).
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).
Wisdom, John, *Other minds* (Blackwell).
Quine, W. V., *Word and object* (Technology Press, M.I.T., and Wiley).
Wittgenstein, L., *Philosophical investigations* (Blackwell).
Popper, K., *Conjectures and refutations* (Routledge and Kegan Paul).

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* (Macmillian).
Skinner, B. F., *Science and human behaviour* (Macmillan).
Mednick, S. A., *Learning* (Prentice-Hall).
Tyler, L. E., *Tests and measurements* (Prentice-Hall).

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; physiological psychology; personality; thinking; abnormal psychology; language.

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).
Mednick, S. A., *Learning* (Prentice-Hall).
Tyler, L. E., *Tests and measurements* (Prentice-Hall).

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, motivation, emotion and personality; a section of the course deals with comparative psychology.

Emphasis is placed on contemporary behaviour theory in relating the functioning of psychological processes to the behaviour of the organism as a whole. Extensions of experimental psychology are made to clinical, developmental and social fields, and attention is paid to the applications of laboratory research to general problems of human behaviour.

Primary reference will be made to:

Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century-Crofts).
Hilgard, E. R., and Marquis, D. G., *Conditioning and learning*, 2nd edition, revised by Kimble, G.A. (Appleton-Century-Crofts).
Bugelski, B. R., *The psychology of learning* (Holt).
Allport, F. H., *Theories of perception and the concept of structure* (Wiley).
Young, P. T., *Motivation and emotion* (Wiley).
Johnson, D. M., *The psychology of thought and judgment* (Harper).
Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).
Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).
Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
Siegel, S., *Non-parametric statistics* (McGraw-Hill).
Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
Woodworth, R. G., and Schlosberg, H., *Experimental psychology* (Methuen).

More general references are:

Marx, M. H., and Hillix, W. A., *Systems and theories in psychology* (McGraw-Hill).
Wolman, B. J., *Contemporary theories and systems in psychology* (Harper).

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:

Flavell, J. H., *The developmental psychology of Jean Piaget* (Van Nostrand).
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).

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 IIIB.

(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 Petrullo, 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:

Carter, G. F., *Man and the land* (Holt, Rinehart, Winston).

Critchfield, H. J., *General climatology* (Prentice-Hall).

Forde, C. D., *Habitat, economy and society* (Methuen).

Highsmith, R. M., *Case studies in world geography* (Prentice-Hall).

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).

Newbigin, M., *Plant and animal geography* (Methuen).

Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).

Strahler, A. N., *Physical geography* (Chapman and Hall).

Thomas, W. L. (Ed.), *Man's role in changing the face of the earth* (Chicago U.P.).
U.S.A. Department of Agriculture Year Books, 1938 and 1948.
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 13th February, 1965.

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 one lecture a week and fortnightly tutorials through the year.

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: Climatology; Biogeography; Cartography.

B. Human Geography: Geography of Early Man, Social geography, Historical Geography.

C. Regional Geography: In 1965 courses will be given on three of the following regions: India and Pakistan; Japan; China; Western Europe.

D. Practical: Field camps will be held in 1965 during the May and August vacations.

Text-books:

Geography of Early Man—

The human species (Scientific Amercan).

Historical Geography—

Meinig, D. W., *On the margins of the good earth* (A.A.G., Monograph, No. 2, 1962).

Reference books:

A. Physical Geography.

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.

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.
Saville, J., *Rural depopulation in England and Wales* (Routledge, Kegan Paul, 1957).

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.

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).

China.

Shabad, T., *China's changing map* (Methuen, 1956).

Cressey, G. B., *Land of the 500 million* (McGraw-Hill, 1955).

Greene, F., *The wall has two sides* (Cape, 1962).

Hughes, T. J., and Luard, D. E. T., *The economic development of Communist China* (O.U.P., 1959).

Western Europe.

Dury, G. H., *The British Isles*, 2nd edition, 1963 (Heinemann).

Gottman, J., *A geography of Europe*, 3rd edition, 1961 (Holt).

Monkhouse, F. J., *A regional geography of western Europe* (Longmans, 1959).

Somme, A. (ed.), *The geography of Norden; Denmark, Finland, Iceland, Norway and Sweden* (Heinemann, 1961).

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, S. J., and Boultwood, M. E. A., *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, F., and Arrowood, C. F., *History and philosophy of education, Ancient and Medieval* (Prentice-Hall).
South Australian Education Department, *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 wil 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 Boultwood, 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 Boultwood, 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* (Whitcombe 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* (Whitcombe 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).
Glassey, W., and Weeks, E. J., *The educational development of children* (U.L.P.).
Washburne, C., *Adjusting the school to the child* (World Book Co.).
Sussams, T. W., *Poetry and the teacher* (Nelson).
Sampson, G. O., *English for the English* (O.U.P.).
Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).
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 adolescence 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. Subcultural 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).
Kuhlen, R. G., *Psychology of adolescent development* (Harper).
Wall, W. D., *The adolescent child* (Methuen).
Wall, W. D., *Education and mental health* (U.N.E.S.C.O.).
Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).
Bernard, H. W., *Mental hygiene for class-room teachers* (McGraw-Hill).

119. Practical Teaching.

The prescribed period of supervised teaching practice extends over an aggregate of at least ten weeks.

DIPLOMA IN EDUCATION (NEW REGULATIONS)

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.*
Bruner, J. S., *The process of education.*
O'Connor, D. J., *An introduction to the philosophy of education.*

122. History of Education I.

The following books should be read:

Dobzhansky, T., *The biological basis of human freedom* (Columbia U.P.).
Burston, W. H., *The principles of history teaching* (Methuen).
Childe, G., *What happened in history* (Penguin).
Chadwick, J., *The decipherment of Linear B* (C.U.P.).
Marrou, H. I., *A history of education in antiquity* (Sheed and Ward).
Castle, E. B., *Ancient education and today* (Penguin).
Gwynn, A., *Roman education from Cicero to Quintilian* (reprinted New York, Russell and Russell, 1964).
Jaeger, W., *Early Christianity and Greek Paideia* (Harvard U.P.).
Curtis, S. J., *History of education in Great Britain* (University Tutorial Press).
Barnard, H. C., *A history of English education from* 1760) (London U.P.).
Smith, F., *The life of Sir James Kay-Shuttleworth* (John Murray).
Connell, W. F., *The educational thought and influence of Matthew Arnold* (Routledge and Kegan Paul).
Arnold, M., *Democratic education,* being Volume II of the *Complete prose works,* edited by R. H. Super (Michigan U.P.).
Arnold, M., *Reports on elementary schools* 1852-1882 (H.M.S.O.).
Maltby, S. E., *Manchester and the movement for national elementary education* (Manchester U.P.).
Austin, A. G., *Australian education* 1788-1900 (Pitman).
Cruickshank, M., *Church and state in English education,* 1870 *to the present day* (Macmillan).
Great Britain: Education, Board of, *The education of the adolescent,* being the Hadow Report of 1927 reprinted less the Appendices (H.M.S.O., 1962).
Banks, O., *Parity and prestige in English secondary education* (Routledge and Kegan Paul).
Allen, B. M., *Sir Robert Morant* (Macmillan).

The following books should be consulted:

Monroe, P., *Source book of the history of education for the Greek and Roman period* (Macmillan).
Jaeger, W., *Paideia: The idea of Greek culture* (Blackwell).
Aron, R., *Jesus of Nazareth* (Hamish Hamilton).

Great Britain: Education, Board of, *Special reports on educational subjects* (Eyre and Spottiswoode).
Vol. I (1896-1897), Items 1 and 8.
Vol. II (1898), Item 20.
Douglas, D. C., *English historical documents* (Eyre and Spottiswoode).
Vol. XI, edited by A. Aspinall and E. A. Smith, pages 616-619 and 694-722.
Vol. XII (i), edited by G. M. Young and W. D. Handcock, pages 829-915.
Austin, A. G., *Select documents in Australian education* 1788-1900 (Pitman).

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.).
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.).
Great Britain: Education, Ministry of, Central Advisory Council for Education, *Half our future* (Newsome Report).
Riessman, F., *The culturally deprived child* (Harper and Row).
Floud, J. E., *Social class and educational opportunity* (Heinemann).
Great Britain: Education, Ministry of, Central Advisory Council for Education, *Fifteen to eighteen* (Crowther Report).
Prime Minister's Committee on Tertiary Education *Report.*

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 gouvernour.*
Ascham, Roger, *The scholemaster.*
Woodward, W. H., *Vittorino da Feltre and other humanist educators.*
Barnard, H. C., *The little schools of Port-Royal.*
Hughes, T., *Loyola and the educational system of the Jesuits.*
Keatinge, M. W., *The great didactic of Comenius.*
Milton, 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 menschenerziehung.*
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.

It is assumed that candidates for the course will have read or consulted as the case may be the books recommended for Course 122, History of Education I.

The following further reading is recommended:

Haarhoff, T. J., *Schools of Gaul* (O.U.P.).
Lane Poole, R., *Illustrations of the history of medieval thought and learning* (Williams and Norgate).
Rashdall, H., *The universities of Europe in the middle ages*, 2nd edition, edited by Powicke and Emden 1936, 3 volumes (Oxford, Clarendon Press).
Durkheim, E., *L'évolution pédagogique en France* (Alcan).
Barnard, H. C., *The French tradition in education: Ramus to Mme Necker de Saussure* (C.U.P.).
Battersby, W. J., *De la Salle: A pioneer of modern education* (Longmans).
Battersby, W. J., *History of the Institute of the Brothers of the Christian Schools*, 3 volumes (Waldegrave).
Weil, G., *Histoire de l'enseignment secondaire en France* 1802-1920 (Payot).
Weil, G., *Histoire de l'idée laique en France au XIX siècle* (Alcan).
Arnold, M., *A French Eton* (Macmillan).
Arnold, M., *Schools and universities on the continent* (Michigan U.P.).
Great Britain: Board of Education, *Special reports on educational subjects* Vol. I, No. 12; Vol. II, Nos. 23, 24 and 25;
Vol. XVIII, Nos. 1, 2 and 3; Vol. XXIV (Eyre and Spottiswoode).
Wykes, Olive, *Melbourne Studies in Education* (M.U.P.).
1957-1958, No. 6, *The crisis in French education.*
1959-1960, No. 4, *The Fifth Republic and the Catholic schools.*
1961-1962, No. 1, *France: The changing concept of culture générale.*
Simon, B., *Studies in the history of education* 1780-1870 (Lawrence and Wishart).
Nadel, G., *Australia's colonial culture* (Cheshire).
Fogarty, R., *Catholic education in Australia* 1806-1950, 2 volumes (M.U.P.).
French, E. L., *The humanities in secondary education*, in *The humanities in Australia*, a symposium edited by A. G. Price (Angus and Robertson).
Dow, Gwynneth M., *George Higinbotham: Church and state* (Pitman).
Crane, A. R., and Walker, W. G., *Peter Board. His contribution to the development of education in New South Wales* (A.C.E.R.).
Archer, J. O., *Frank Tate and his work for education* (A.C.E.R.).
Melbourne Studies in Education (five volumes have appeared so far) (M.U.P.).

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.).
Great Britain. *Committee on Higher Education* (Robbins Committee): *Report* (H.M.S.O. Cmnd. 2154).
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).
Furneaux, 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.).
Wilkinson, R., *The prefects* (O.U.P.).

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.*
Selltiz, C., et al., *Research methods in social relations.*
Travers, R. M. W., *An introduction to educational research.*
Bugelski, B. R., *The psychology of learning.*
Seagoe, 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.*
Rée, 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.*

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

136. Music I.

The course comprises two sections:
A. Form:
SYLLABUS: Structure and analysis.
Text-books:
Lovelock, *Form in brief* (Hammond).
Morris, *Structure of music* (O.U.P.).
Bairstow, *Evolution of musical form* (O.U.P.).
Davies, Cedric Thorpe, *Musical structure and design* (Dobson).
B. History of Music:
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".*
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.

The examination in Music I comprises two three-hour papers. One paper will be set on each section of the course.

137. Music II.

The course comprises two sections:

A. **History of Music:** Two lectures a week throughout the year dealing with the history and development of Music during the XVI and XVII and XVIII 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.*

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.).

B. **Musical Criticism and Aesthetics:** One lecture a week throughout the year.

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).

The examination in Music II comprises two three-hour papers. One paper will be set on each section of the course.

138. Music III.

The course comprises two sections:

A. **History of Music:** Two lectures a week throughout the year dealing with the history and development of Music during the XIX and XX 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, *Violo concerto.*
Strauss, *Ein Heldenleben.*
Hindemith, *Symphonic metamorphoses.*
Badings, *Concerto for two violins.*

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).

B. **Special Study** in an approved field:

1. The English madrigal.
2. Instrumental music of mid-eighteenth century Germany.
3. The carol.
4. The string quartets of Haydn.
5. Music of the Australian aborigine.
6. Any other approved field.

Candidates are required to seek, at the beginning of the second term, approval of the subject of the special study.

The examination in Music III comprises an essay on the subject of Special Study and one three-hour paper on the History of Music section.

DIPLOMA IN SOCIAL STUDIES (OLD REGULATIONS)

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, Simmel, Weber, Hobhouse and Radcliffe-Brown.

Analysis of social systems by reference to recent sociological studies. Methods of sociological investigation. Problems in Applied Sociology.

Preliminary reading:

Mitchell, G. D., *Sociology* (University Tutorial Press).

Text-books:

Inkeles, A., *What is sociology?* (Prentice-Hall).
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)

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.).
Perlman, H. H., *Social casework* (Chicago 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 Cannell, 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.

Morehouse, L. E., and Rasch, P. J., *Scientific basis of athletic training* (Saunders, 1958).

British Empire and Commonwealth Conference on Physical Education, Third, Perth, 1962.

McCloy, C. H., and Young, N. D., *Tests and measurements in health and physical education* (Appleton, 1954).

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. An elementary knowledge of chemistry and physics is desirable.

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); *and*

Morehouse, L. E., and Miller, A. T., *Physiology of exercise,* 4th edition (Mosby, 1963).

Reference book:

Johnson, W. R., *Science and medicine of exercise and sports* (Harper, 1960).

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 Waine, W. K., *Objectives of the physical education lesson* (Bell, 1955).
University of Birmingham, *Britain in the world of sport* (1956).
Natan, A., *Sport and society* (Bowes, 1958).
Smithells, P. A., and Cameron, P. E., *Principles of evaluation in physical education* (Harper, 1962).
Karpovich, P. V., *Physiology of muscular activity*, 5th edition (Saunders, 1959).
Johnson, W. R., *Science and medicine of exercise and sports* (Harper, 1960).
Bunn, J. W., *Scientific principles of coaching* (Prentice Hall, 1954).
Colloquium on exercise and fitness (Athletic Institute, 1960).
Health and fitness in the modern world (Athletic Institute, Chicago, 1961).
Rasch, P. J., and Burke, R. K., *Kinesiology and applied anatomy* (Lea and Febiger, 1963).

Selected journals:

Research Quarterly (A.A.H.P.E.R., Washington, D.C.).
Australian Journal of Physical Education.
Physical Education (P.E. Association of Great Britain and Northern Ireland).
Journal of Sports Medicine and Physical Fitness.
New Zealand Journal of Physical Education.

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*, 4th edition (Saunders, 1963).

Gagné, R. M., and Fleishman, E. A., *Psychology and human performance* (Holt, 1959).

Welford, A. T., *Ageing and human skill* (O.U.P., 1958).

Attneave, F., *Applications of information theory to psychology* (Holt, New York, 1959).

Knapp, B., *Skill in sport* (Routledge and Kegan Paul, London, 1963).

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, those in Economics II and Economics III being given alternately as day 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 as follows:

	1965	1966	1967
Economics I	Day and Evening	Day and Evening	Day and Evening
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics 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 II.

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 at least a credit 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 1965 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to the following topics: demand and supply; competition and monopoly; distribution of income and wealth; international trade; national accounting; money and banking; theory of employment; government policy in depression and inflation; capital accumulation in underdeveloped areas.

Preliminary reading:

Williams, G., *The economics of everyday life* (Penguin).

Text-books:

Downing, R. I., *National 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 1965 as both day and evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics. National income—its production, distribution and disposal. The structure of the modern economy.
2. Introduction to the theory of value.
3. Introduction to the theory of outlay and employment.

Exemption from lectures in Economics I is not usually granted.

Preliminary reading:

Williams, G., *The economics of everyday life* (Penguin).
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, 5th or 6th 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 1965 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. Industrial and agricultural organization; pricing theory; government policy in industry.

Preliminary reading:

Caves, R. E., *American industry: structure, conduct, performance* (Prentice-Hall).

Text-books:

Hirst, R. R., and Wallace, R. H., *Studies in the Australian capital market* (Cheshire).
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).
Caves, R. E., *American industry: structure, conduct, performance* (Prentice-Hall).

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).
Penrose, E., *The theory of the growth of the firm* (Blackwell).
Kaysen, C., and Turner, D., *Anti-trust policy* (Harvard U.P.).
Hughes, H., *The Australian iron and steel industry 1848-1962* (M.U.P.).

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 1965, 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 1965 as day lectures. It comprises three lectures and one tutorial a week. The course consists of Part A and *either* Part B *or* Part C *or* Part D.

Exemption from lectures in Economics III is not usually granted.

PART A.

Theory of economic activity and the trade cycle; wages; the general price level; interest rates; international economics.

Text-books:
Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
Day, A. C. L., *Outline of monetary economics* (O.U.P.).
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.).
Meyer, J. R., and Kuh, E., *The investment decision* (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.*
Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).
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 and one tutorial 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).
Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
Schultz, T. W., *Production and welfare of agriculture* (Macmillan).
Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
Johnson, D. G., *Forward prices for agriculture* (University of Chicago).
Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
Bradford, L. A., and Johnson, G. L., *Farm management analysis* (Wiley).
Beneke, R. R., *Managing the farm business* (Wiley).
Heady, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
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 1965 as evening 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.

Preliminary reading:

Gray, J. F., *Sets, relations, and functions* (Holt, 1962).

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).
Tintner, G., *Mathematics and statistics for economists* (Rinehart).
Ayres, F., *Theory and problems of matrices* (Schaum Outline Series).
Stern, M. E., *Mathematics for management* (Prentice-Hall).
Kemeny, J. G., and others, *Finite mathematics with business applications.*
Lipschutz, S., *Theory and problems of set theory* (Schaum).

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 1965 as evening lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling, 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 day lectures in 1965.

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).
Hayek, F. A., *Capitalism and the historians* (Chicago U.P.; Routledge and Kegan Paul).
Mantoux, P., *The industrial revolution in the eighteenth century* (Cape).
Deane, P., and Cole, W., *British economic growth 1688-1959* (C.U.P.).
Matthews, R. C. O., *A study in trade-cycle history* (C.U.P.).
Imlah, A. H., *Economic elements in the pax Brittanica* (Harvard U.P.).
Burn, D. L., *The economic history of steel making,* 1867-1939 (C.U.P.).
Roberts, D., *The Victorian origins of the welfare state* (Yale U.P.).
Ashworth, W., *An economic history of England,* 1870-1939 (Methuen).
Habakkuk, H. J., *American and British technology in the 19th century* (C.U.P.).
Robertson, R. M., *History of the American economy* (Harcourt).
Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).

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).
Cairncross, A. K., *Home and foreign investment* (C.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.).
Forster, C., *Industrial development in Australia, 1920-1930* (A.N.U.).
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 1965 if sufficient students enrol.

The course will deal with the estimation of economic relationships and 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 strategyst* (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, W. W., *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 1965 as evening 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).
Kindleberger, C. P., *Economic development* (McGraw-Hill).
Lekachman, R., *National policy for economic welfare* (Columbia U.P.).
Leibenstein, H., *Economic backwardness and economic growth* (Wiley).
Tinbergen, J., *Design of development* (Johns Hopkins).

Galbraith, J. K., *The affluent society* (Hamilton).
Veblen, T., *Theory of leisure class* (Modern Library).
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).
Eicher, C. K., and Witt, L. W., *Agriculture in economic development* (McGraw-Hill).
Sen, A. K., *Choice of technique* (Blackwell).
Holzman, F. D. (Ed.), *Readings on the Soviet economy* (Rand McNally).
Deane, P., and Cole, W. A., *British Economic Growth 1688-1959* (C.U.P.).

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:
Charlesworth, J., *Mercantile law* (Stevens).
Charlesworth, J., *Principles of company law* (Stevens).
Reference books:
Rogers, G., and Voumard, L. C., *Mercantile law in Australia*, 4th edition (Butterworth).
Joske, P., *Law of partnerships* (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 one tutorial (of one hour each) during first term, and during second and third terms 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 1.

Historical cost accounting systems; recording and control of costs—materials, labour, manufacturing overheads; standard cost systems; cost-output relationships; profit-planning and budgeting; variable costing; overhead and joint costs; cost concepts in relation to price and production policy; financial mathematics; business finance—factors affecting the demand for capital, sources of finance, the Australian capital market, optimum financial structure, share valuation, cost of capital; investment planning.

Text-books:
Mathews, R. L., *Accounting for economists* (Cheshire).
Shillinglaw, G., *Cost accounting, analysis and control* (Irwin).
Hirst, R. R., and Wallace, R. H. (eds.), *Studies in the Australian capital market* (Cheshire).
Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).
Reference books:
Bruns, G. R., *The stock exchange* (Jenkin and Buxton).
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).
Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill) (or any standard financial mathematics text).
Grant, E. L., and Ireson, W. G., *Principles of engineering economy*, 4th edition (Ronald).
N.A.A. Bulletins and *Research Reports.*
Horngren, C. T., *Cost accounting: a managerial emphasis* (Prentice-Hall).
Bierman, H., and Smidt, S., *The capital budgeting decision* (Macmillan).
Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).
Hunt, P., Williams, C., and Donaldson, G., *Basic business finance, text and cases* (Irwin Rev. ed.).
Weston, J. F., *Managerial finance* (Holt, Rinehart and Winston).
Drucker, P. F., *The practice of management* (Mercury).
Richards, M. D., and Nielander, W. A. (ed.),*Readings in management* (South-Western).
Students are advised to subscribe to *The Accounting Review.*

194. Financial Accounting.

A specialised third-year course 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. It is recommended that students acquire a knowledge of statistics before commencing the course.

A selection will be made from the following: Theories and problems of income measurement and balance sheet valuation, involving valuation of assets, shares and unincorporated businesses, accounting for investment and hire purchase transactions and price level change 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.

Preliminary reading:

Baxter, W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).

Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).
Fitzgerald, G. E., and Speck, A. E., *Holding companies in Australia and New Zealand*, latest edition (Butterworth).
Baxter, W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).
Cyert, R. M., and Davidson, H. J., *Statistical sampling for accounting information* (Prentice-Hall).
Universities of Melbourne and Adelaide, *Accountancy exercises, advanced.*
Arkin, H., *Handbook of sampling for auditing and accounting* (McGraw-Hill).
Stettler, H. F., *Auditing principles* (Prentice-Hall).
Lerner, E. M. (ed.), *Readings in financial analysis and investment management* (Irwin).

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*, latest edition, 2 volumes (Law Book Co.).
Fitzgerald A. A., and Schumer, L. A., *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).
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).
Irish, R. A., *Auditing* (Law Book Co.).
Soedofsky, R. M., and Murphy, J. T., *Growth yields on common stock* (State University of Iowa).
Mattesich, R., *Accounting and analytical methods* (Irwin).

Additional references will be set by the lecturers.

Students are advised to subscribe to *The Journal of Accounting Research.*

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; business finance; 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).
Universities of Melbourne and Adelaide, *Accountancy exercises, first year.*
Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).

Reference books:

Grant, E. L., and Ireson, W. G., *Principles of engineering economy*, 4th edition (Ronald).
Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
Drucker, P. F., *The practice of management* (Mercury).
Richards, M. D., and Nielander, W. A. (ed.), *Readings in management* (South-Western).
Weston, J. F., *Managerial finance* (Holt, Rinehart and Winston).
Hirst, R. R., and Wallace, R. H., (eds.), *Studies in the Australian capital market* (Cheshire).

Additional references will be prescribed by the lecturers.

197. Investment Planning and Business Finance.

This course deals with certain sections of the Accounting (Business Management) course not covered in Engineering Management, *viz.* investment planning and control, business finance and the cost of capital, and is normally available as a separate unit only to engineering students or graduates proceeding to the M.B.M. degree. It involves attendance at one lecture a week.

Text-book:

Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire.)

Reference books:

Hirst, R. R., and Wallace, R. H., (eds.), *Studies in the Australian capital market* (Cheshire).
Weston, J. F., *Managerial finance* (Holt, Rinehart and Winston).
Grant, E. L., and Ireson, W. G., *Principles of engineering economy*, 4th edition (Ronald).

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:

Galbraith, J. K., *The affluent society* (Hamilton).
Galbraith, 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.).
Downing R. I., and others, *Taxation in Australia: agenda for reform* (M.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).
Argyris, C., *Personality and organization* (Harper & Row).
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).
Zaleznik, 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:

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.).
Tse, J., *Profit planning through volume-cost analysis* (Macmillan).
Johnston, J., *Statistical cost analysis* (McGraw-Hill).
Beranek, W., *Analysis for financial decisions* (Irwin).
Bierman, H., *Topics in cost accounting and decisions* (McGraw-Hill).

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.

This course is offered only on a full-time basis for four weeks during the third term.

Cases in business policy, pricing, investment planning, finance, production cost control, marketing, and labour relations.

Text-books:

Harlan, N. E., Christenson, C., and Vancil, R., *Managerial economics: text and cases* (Irwin).
Vandell, R. F., and Vancil, R., *Cases in capital budgeting* (Irwin).
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 presented.

(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:

Mathematics I → Pure Mathematics II → Pure Mathematics III
Mathematics I → Mathematical Statistics I → Mathematical Statistics II

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).

* This book is recommended for students who will subsequently be taking the courses Mathematics I or Mathematics I (Engineering).

Reference book:
Allendoerfer, C. B., and Oakley, C. O., *Principles of mathematics* (McGraw-Hill).

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 at Division I suffices for entrance to Pure Mathematics II, Applied Mathematics II and Mathematics II.

The syllabus comprises infinite sequences, differential and integral calculus, partial differentiation, differential equations, complex numbers, three dimensional analytic geometry and vector algebra.

Text-book:
Thomas, G. B., *Calculus and analytic geometry,* 2nd or 3rd edition (Addison-Wesley).

203. Mathematics II.

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week. 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.

The syllabus comprises vector differential calculus, dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equation, theory of vibrations, ordinary and partial differential equations, Fourier series and boundary value problems, Bessel and Legendre functions, operational methods, numerical analysis.

Text-books:
Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).
Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).

Reference books:
Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).
Kreyszig, E., *Advanced engineering mathematics* (Wiley).

206. Pure Mathematics III.

Pre-requisite subject: Pure Mathematics II (204) at Division I or higher standard.

The course comprises five 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 assumes an elementary knowledge of computer programming. (Short programming courses are given by the Department of Computing Science in early March and from time to time during the year.)

The course comprises five 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, computing science.

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, hydrodynamics, 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* Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. The syllabus comprises differential and integral calculus, partial differentiation, multiple integrals, differential equations, complex numbers, 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.

Reference books:

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-books:

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; fluid and plasma dynamics; 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; fluid and plasma dynamics; 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.

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:

Morgan, J., *Introduction to university physics,* Vols I and II (Allyn & Bacon).
Sears, F. W., and Zemansky, M. W., *University physics,* 3rd edition (Addison-Wesley).
Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles 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).
Taylor, E. F., *Introductory mechanics* (Wiley).
Jenkins, F. A., and White, H. E., *Fundamentals of optics,* 3rd edition (McGraw-Hill).
French, A. P., *Principles of modern physics* (Wiley).

Reference books:

Roberts, J. K., and Miller, A. R., *Heat and thermodynamics* (Blackie).
Halliday, D., and Resnick, R., *Physics for students of science and engineering* (Wiley).
Semat, H., *Introduction to atomic and nuclear physics* (Chapman & Hall).
Feynman, R. P., Leighton, R. B., and Sands, M., *The Feynman lectures on physics* (Addison-Wesley).

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)
Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

Reference books:

Fong, P. P., *Elementary quantum mechanics* (Addison-Wesley).
Topping, J., *Errors of observation and their treatment* (Chapman and Hall).
Malmstadt H. V., Enke, C. G., and Toren, E. C., *Electronics for scientists* (Benjamin).

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).

Reference book:

Burcham, W. E., *Nuclear physics* (Longmans).

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*, 2nd ed. (Blackie).
Pippard, A. B., *Elements of classical thermodynamics* (C.U.P.).
Eisberg, R. M., *Fundamentals of modern physics* (Wiley).
Malmstradt, H. V., Enke, C. G., and Toren, E. C., *Electronics for scientists* (Benjamin).
Elton, L. R. B., *Introductory nuclear theory* (Pitman).

Reference books:

Powell, J. L., and Crasemann, B., *Quantum mechanics* (Addison-Wesley).
Burcham, W. E., *Nuclear physics* (Longmans).

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 laboratory work, and lectures in continuation of Physics III (H.) (228). Students will be required to study such text-books 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).

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, Biochemistry I; *Third Year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

Students intending to take *one of* Physical and Inorganic Chemistry III and 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 II *or* Mathematical Physics A.

Organic Chemistry III *and* Biochemistry II.

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 pre-requisites for third and second year subjects when planning their course. Attention is also directed to the pre-requisites 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 three hours practical work and one tutorial each 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 deals with an introduction to atomic theory and valency, systematic inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry, but may include also prescribed parts of the text-books. 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*
Butler, J. N., *Solubility and pH calculations* (Addison-Wesley), *and*
Finar, I. L., *Organic chemistry*, Vol. I, 4th edition (Longmans).
[Students intending to proceed to Physical and Inorganic Chemistry II (233) should replace Andrews and Kokes, *Fundamental chemistry*, by:
Barrow, G. M., *Physical chemistry* (McGraw-Hill), *and*
Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).]

Reference book:

Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).

232. Chemistry IA.

A course of general chemistry, available to students in the Faculty of Engineering and the Faculty of Technology and Applied Science. 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 deals with selected topics including atomic and valence theory, structural chemistry, oxygen compounds, acids, transition metals, chemical thermodynamics, electro-chemistry, gases, liquids, solutions, phase rule and reaction kinetics.

The practical course uses quantitative analysis to illustrate the fundamental ideas of chemistry.

Text-books:

Hiller, L. A., and Herber, R. H., *Principles of chemistry* (McGraw-Hill).
[Students intending to proceed to Chemistry IIA (234) should replace Hiller and Herber, *Principles of chemistry*, by:
Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).]
Lee, J. D., *Concise inorganic chemistry* (Van Nostrand).
Butler, J. N., *Solubility and pH calculations* (Addison-Wesley).

Reference books:

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).
Moore, W. J., *Physical chemistry*, 4th edition (Longmans).
Barrow, G. M., *Physical chemistry* (McGraw-Hill).
Vogel, A. I., *Text-book of quantitative inorganic analysis*, 3rd edition (Longmans).

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 serve as introductions to thermodynamics, electro-chemistry, reaction kinetics, theoretical chemistry, structural chemistry and radiochemistry; lecture topics in inorganic chemistry will be selected to illustrate the applications of these physico-chemical concepts and principles.

The practical courses deal with physical chemistry, preparative inorganic chemistry and modern instrumental analysis.

Text-books:

Barrow, G. M., *Physical chemistry* (McGraw-Hill).
Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
Stevens, B., *Chemical kinetics* (Chapman and Hall).
Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).
Vogel, A. I., *Text-book of quantitative inorganic analysis*, 3rd edition (Longmans).
Dodd, R. E., *Chemical spectroscopy* (Elsevier).

Reference books:

Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).
Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).
Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
Harvey, R. B., and Porter, G. B., *Introduction to physical inorganic chemistry* (Addison-Wesley).
Mahon, B. H., *Elementary chemical thermodynamics* (Benjamin).

234. Chemistry IIA.

Pre-requisite subject: A pass 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, 4th edition (Longmans).

Reference books:

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).

The course, which is given annually, consists of three lectures and at least twelve hours practical work each week throughout the three terms of the year.

The lectures deal with theoretical chemistry including an introduction to wave mechanics; molecular structure; molecular spectroscopy; electrochemistry; an introduction to statistical thermodynamics; chemistry of the solid state; reaction kinetics; macromolecular chemistry; the application of the principles of molecular structure, bonding, thermodynamics and reaction kinetics to modern problems in inorganic chemistry.

The practical work will include physical chemistry and the synthesis of inorganic molecules with the investigation and interpretation of their properties.

Text-books:
Barrow, G. M., *Physical chemistry* (McGraw-Hill).
Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
Frost, A. A., and Pearson, R. S., *Kinetics and mechanism,* 2nd edition (Wiley).
James, R. W., *X-Ray crystallography* (Methuen).
Dodd, R. E., *Chemical spectroscopy* (Elsevier).
Wheatley, P., *Determination of molecular structure* (O.U.P.), *or*
Brand, J. C. D., and Speakman, J. C., *Molecular structure* (Arnold).
Linnett, J. W., *Wave mechanics and valency* (Methuen).
Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).
Orgel, L. E., *An introduction to transition metal chemistry* (Methuen).
Vogel, A. I., *Textbook of quantitative inorganic analysis,* 3rd edition (Longmans).
Reference books:
Walker, S., and Straw, H., *Spectroscopy,* Vols. 1 and 2 (Chapman and Hall).
Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
Garner, W. E., *Chemistry of the solid state* (Butterworths).
Tanford, C., *Physical chemistry of macromolecules* (Wiley).
Wells, A. F., *Structural inorganic chemistry,* 3rd edition (O.U.P.).
Basolo, F., and Pearson, R. G., *Mechanisms of inorganic reactions* (Wiley).
Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).
Daniels F., and others, *Experimental physical chemistry* (McGraw-Hill).

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 Head of the Department.

The course, which is given annually, will include lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in Organic Chemistry, Mathematics and Physics as the Head of the Department may deem necessary. Each student will be assigned a research problem which he will investigate under the personal guidance of a member of staff of the Department of Physical and Inorganic Chemistry. The performance of each student will be assessed on the basis of written and oral examinations and the student's written report of his research investigation.

Students may be required to satisfy the Head of the Department 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, 4th edition (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 subjects: A Division I pass, or higher, in Chemistry I (231) and a pass, or higher, in General Mathematics (201) or Mathematics I (202) or a knowledge of mathematics deemed satisfactory by the Head of the Department of Physical and Inorganic Chemistry.

The course, which is given annually, consists of three lectures and six hours practical work a week throughout the three terms of the year.

The lectures in physical chemistry will serve as introductions to thermodynamics, electrochemistry, reaction kinetics, chemical spectroscopy, macromolecular chemistry, surface chemistry; lecture topics in inorganic chemistry will be selected to illustrate the applications of physico-chemical principles and concepts; lectures in organic chemistry will deal with the chemistry of the heterocyclic compounds with special reference to nitrogenous and other compounds of significance to the biologist, the mechanisms of organic reactions, the chemistry of carbodyhrates, the chemistry of amino acids and related compounds. The practical course will deal with physical chemistry, preparative inorganic chemistry and modern instrumental analysis, and the main methods and techniques of organic chemistry.

Text-books:

Barrow, G. M., *Physical chemistry* (McGraw-Hill), *and*
Harvey, K. B., and Porter, G. B., *Introduction to physical inorganic chemistry* (Addison-Wesley), *and*
Finar, I. L., *Organic chemistry*, Vol. I, 4th edition (Longmans); *and*
Sykes, P., *A guidebook to mechanisms in organic chemistry* (Longmans).

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

Soil Science IA (355) and IB (357).

For Syllabuses see under the Faculty of Agricultural Science.

GEOLOGY, MINERALOGY AND PALAEONTOLOGY.

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:

Rapport, S., and Wright, H. (Eds.), *Crust of the earth* (Mentor).

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. 1 (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 fourteeen 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: Geometry of faults and simple fold systems.

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., *Elements of structural geology* (Methuen, 1963).
Beerbower, J. R., *Search for the past* (Prentice-Hall, 1960).
*Dunbar, C. O., and Rodgers, J., *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*, 3rd edition (Longmans, 1963).
Williams, Howel, and others, *Petrography* (Freeman).
Evans, R. C., *Introduction to crystal chemistry*, 2nd edition (C.U.P., 1964.)
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).
Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill, 1961).
Spry, A., and Banks, M. R., *The geology of Tasmania* (Geol. Soc. Aust. Journal, vol. 9, part 2, 1962).

* 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 Chemistry II (244) or Physics II (223). A candidate may be permitted to proceed to Geology III without the pre-requisite Physical and Inorganic Chemistry II or Chemistry II or Physics II subject to the approval of the Head of the Department 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: Principles of structural petrology 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.
Structural Geology: Analysis of structures with aid of stereographic projection.

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, J., *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, Howel, and others, *Petrography* (Freeman).
Weller, J. M., *Stratigraphic principles and practice* (Harper, 1960).
Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation* 2nd edition (Freeman 1963).
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).
Turner, F. J., and Weiss, L. E., *Structural analysis of metamorphic rectonites* (McGraw-Hill, 1963).
Fyfe, W. S., *Geochemistry of solids* (McGraw-Hill, 1964).

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).
Ager, D. V., *Principles of paleoecology* (McGraw-Hill, 1963).

Reference Books:

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 in December of the year before they intend to begin the course.

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; 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-books:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

Fogg, G. E., *The growth of plants* (Pelican).

B. PHYSIOLOGICAL ANATOMY.—An outline of anatomy with emphasis on the relation of structure to physiology.

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.).
Cotton, B. C. (Ed.), *South Australian national parks and wild life reserves* 1964 (Government Printer, Adelaide).

Reference books in Systematic Botany:

Benson, Lyman, *Plant classification* (Heath).
Lawrence, G. H. M., *Taxonomy of vascular plants* (Macmillan, 1951).
Bentham, G., *Flora Australiensis* (Reeve).
Bailey, L. H., *Manual of cultivated plants* (Macmillan).
Hackel, Eduard, *The true grasses* (from *"Die Natürlichen Pflanzenfamilien"*) (Henry Holt).
Hutchinson, John, *The families of flowering plants, I. Dicotyledons* (Macmillan).
Hill, Albert F., *Economic botany* (McGraw-Hill).
Gundersen, A., *Families of dicotyledons* (Chronica Botanica).
Dell, E., and Gardner, C. A., *Wild flowers of Western Australia.* Illus. (W.A. Newspapers Ltd.).
International code of botanical nomenclature: 9th international botanical congress, Montreal, 1959 (International Bureau for Plant Taxonomy, 1961, see *Regnum vegetabile,* v 23).
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.*
Beevers, H., *Respiratory metabolism in plants.*

Reference book:

Gortner, R. A., *Outlines of biochemistry,* 3rd edition (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTA 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:

Parihar, N. S., *An introduction to embryophyta I. Bryophyta,* 4th edition (Central Book Depot, Allahabad).
Sporne, K. R., *The morphology of Pteridophytes* (Hutchinson, 1962).
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:

Alexopoulous, C. J., *Introductory mycology* (Wiley).

Reference book:

Ainsworth, G. C., and Bisby, G. R., *A dictionary of the fungi,* 5th edition (Imperial Mycological Institute, 1961).

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 may be required to satisfy the Professor that they have a reading knowledge of French, German or Russian.

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 will be seven hours of formal instruction each week of which not more than three hours will be spent on lectures.

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:

Borradaile, 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).
Marshall, A. J., *Biology and comparative physiology of birds*, vols. 1 and 2 (Academic Press).
Parker, T. J., and Haswell, W. A., *A text-book of zoology*, vol. 2, 7th edition. Revised by A. J. Marshall (Macmillan).

276. Zoology III.

Pre-requisite subject: Zoology II (273) at Division I or higher standard.

The course includes the following subjects: animal ecology, physiology of specialised cells, 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:

Giese, A. C., *Cell physiology*, 2nd edition (Saunders).
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.).
Magoun, H. W., *Handbook of physiology*: Section 1. *Neurophysiology*, Vol. 1 (Amer. Physiol. Soc., 1959).
Dukes, H. H., *The physiology of domestic animals* (Comstock).
Maynard, L. A., and Loosli, J. K., *Animal nutrition*, 5th edition (McGraw-Hill).

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 deeply one branch 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 the pre-requisite subjects for entry into Biochemistry II are as follows: *First Year*—Chemistry I, General Physics or Physics I and one of Biology, Botany I or Zoology I. *Second Year*—(a) A pass at Division I or higher standard in Biochemistry I; or (b) a pass at Division I or higher standard in Cell Physiology (former subject), and either Physical and Inorganic Chemistry II or Organic Chemistry II; or (c) a pass at Division I or higher standard in Chemistry II (former subject).

It is recommended that students intending to take Biochemistry II should take the following combinations of subjects: *First Year*—Chemistry I, General Physics or Physics I; General Mathematics or Mathematics I; and one of Biology, Botany I or Zoology I. *Second Year*—(a) Biochemistry I and Chemistry II (new subject) or one of Physical and Inorganic Chemistry II and Organic Chemistry II and one other Group B subject; or (b) Biochemistry I and Physical and Inorganic Chemistry II and Organic Chemistry II.

284. Biochemistry I.

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 Chemistry II (new subject) (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 components; 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,* 3rd edition (Macmillan).

Conn, E. J., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

Mercer, E. H., *Cells and cell structure* (Biological Monographs, Hutchinson).

Reference book:

Baldwin, E., *Dynamic aspects of biochemistry,* 4th edition (C.U.P.).

286. Biochemistry II.

Pre-requisite subjects as set out in preamble above.

A course of three lectures, one tutorial and at least ten hours of practical work a week, dealing with the following topics:

Aspects of the biochemistry of lipids, nucleic acids and proteins, and related cell constituents; biochemical genetics; mechanisms of enzymic catalysis. 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*, 3rd edition (Macmillan).
Dixon, M., and Webb, E. C., *Enzymes* (2nd edition, 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 II (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).

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.

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. Plant and animal improvement by selective breeding.

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).
Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).
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).
Sturtevant, A. H., and Beadle, G. W., *An introduction to genetics* (Dover).
Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (Wiley).

296. Genetics II.

Pre-requisite subject: Genetics I (293).

(Agricultural Science students who before 1965 have passed Genetics IA and Biometry to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

Three lectures and from seven to nine hours practical work a week for three terms.

This course includes the more advanced aspects of biometrical, microbial, physiological, polysomic, 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).
Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (Wiley).

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).
Ford, E. B., *Ecological genetics* (Methuen).
Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
Harris, H., *Human biochemical genetics* (C.U.P.).
Hayes, W., *The genetics of bacteria and their viruses* (Blackwell).
Jacob, F., and Wollman, E. L., *Sexuality and the genetics of bacteria* (Academic Press).
Kempthorne, O., *An introduction to genetic statistics* (Wiley).
Lewis, K. R., and John, B. R., *Chromosome marker* (Churchill).
Li, C. C., *Population genetics* (Chicago U.P.).
Mather, K., *Biometrical genetics* (Methuen).
Mayr, E., *Animal species and evolution* (Columbia U.P.).
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).
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; speciation; 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 books:

Clausen, J., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).
Ford, E. B., *Ecological genetics* (Methuen).

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 a course of study leading to the Honours degree of B.Med.Sc. The pre-requisites are passes in Genetics I (293) and in the First Professional Examination in Medicine. Intending candidates should consult the Professor of Genetics as early as possible.

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 Biochemistry I (286) *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 at Division 1 or higher standard: 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. A series of lectures on psychopharmacology.

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).
Broadbent, D. E., *Behaviour* (Eyre and Spottiswoode).
Dethier, V. G., and Stellar, E., *Animal Behaviour* (Prentice-Hall).

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., *Fundametal 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, Biochemistry I, 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, (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.

Preliminary reading:

Wooldridge, D. E., *The machinery of the brain* (McGraw-Hill: New York, 1963).
Pierce, J. R., *Symbols, signals and noise* (Hutchinson: London, 1962).

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).
Attneave, F., *Application of information theory to psychology* (Holt: New York, 1959).
Humphrey, G., *Psychology through experiment* (Methuen: London, 1963).

319. Psychology for the Honours Degree of B.Sc.

Pre-requisite: Candidates must have attained a Division I pass 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.

ANATOMY.

321. Human Biology.

The course consists of two lectures a week for three terms.

The first lectures deal with the characteristics of living matter in general, the living cell, and the basic anatomy 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 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 zoal 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).
Waddington, C. H., *Biology for the modern world* (Harrap).

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, C. E., *Handbook of microscopic technique* (Hoeber).
Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).
Pearse, A. G. E., *Histochemistry* (Churchill).
Mitchell, G. A. G., *Anatomy of the autonomic nervous system* (Livingstone).
Ranson, S. W., *The anatomy of the nervous system* (Saunders).
Smith, C. G., *Basic neuroanatomy* (Univ. of Toronto Press).
Rhödin, J. A. G., *An atlas of ultrastructure* (Saunders).

Other references will be given during the course.

PHYSIOLOGY

It is recommended that students intending to proceed to Physiology II should have taken Mathematics I, or General Mathematics, and Chemistry II as a minimum grounding in these subjects, using the following combinations:

Physics I, Chemistry I, Mathematics I or General Mathematics, Zoology I or Biology; Chemistry II, Biochemistry I and Physiology I; Biochemistry II and Physiology II.

Alternatively, some combination of Physiology with Physics, Physical and Inorganic Chemistry, Organic Chemistry, or Mathematics might be taken, but the student is advised to consult the Department of Physiology before commencing such a course.

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 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 (284), Cell physiology (former subject), Chemistry II (244), 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, Vols. I and II—*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, Vols. 1 and 2 (Longmans).
Burn, J. H., *The autonomic nervous system* (Blackwell).
Drill, V., *Pharmacology in medicine*, 2nd edition (McGraw-Hill).
Laurence, D. R., *Clinical pharamacology*, 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

173. Economics II.

180. Agricultural Economics.

183. Economic Statistics I.
(For syllabuses see under Economics.)

201. General Mathematics and 202. Mathematics I.

203. Mathematics II.

221. General Physics.

222. Physics I.

231. Chemistry I.

244. Chemistry II.

251. Geology I.

253. Geology II.

261. Botany I.

270. Biology.

271. Zoology I.

273. Zoology II.

284. Biochemistry I.

293. Genetics I.

296. Genetics II.
(For syllabuses see under Science.)

SUBJECTS FOR THE FOURTH YEAR OF THE DEGREE OF B.AG.SC. FOR 1965 ONLY

These subjects are as published in the 1964 Calendar as follows:

Agricultural Biochemistry (353); Soil Science II (356); Agriculture III (363); Agronomy (364); Animal Husbandry II (366); Plant Breeding (368); Entomology II (376); Plant Pathology II (382); Horticulture (394).

350. Geology I (Agriculture).

This course comprises the lectures, practical classes and tutorials prescribed under Geology I (251) with the exception that the practical clasess in palaeontology given in 3rd term will be replaced by a series of 10 lectures and a field trip concerned with geomorphology.

Students taking Geology I (Agriculture) who intend to proceed to Geology II must take palaeontology instead of geomorphology in the third term.

351. Agricultural Biochemistry I.

Pre-requisite subject: A Division I pass or higher in Chemistry II.

A course of two hours lectures and three hours practical a week for three terms dealing with the chemistry and intermediary metabolism of micro-organisms, plants and animals and the chemistry of viruses. Topics include biochemistry of the carbon, nitrogen and sulphur cycles in nature; electron transfer and oxidative phosphorylation in biological systems; photosynthesis; metabolism of proteins, carbohydrates and lipids; biochemistry of vitamins and coenzymes; plant and animal hormones; biochemical genetics. Practical work will consist of experiments related to the above topics.

Text-books:

Fruton, J. S. and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Conn, E. E. and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

Agricultural Biochemistry II (from 1966).

Pre-requisite subject: A Division I pass or higher in Agricultural Biochemistry I.

A course of 2 hours lectures and 10 hours practical work a week for three terms. The course includes advanced aspects of the intermediary metabolism of micro-organisms, plants and animals. The topics include mechanisms of enzyme action in relation to the ultrastructure of cells; metabolism of inorganic nitrogen and its compounds; biochemistry of absorption and translocation of ions; structural and kinetic properties of enzymes; function of metals in enzyme systems; chemical virology; biosynthesis of proteins and nucleic acids; biochemical and genetical control mechanisms in cells, including hormones and their actions in plants and animals. The practical work will consist of experiments related to the above topics and will include a research project.

In addition to the text-books for Chemistry II and Agricultural Biochemistry I, the following are recommended:

Text-book:

Dixon, M., and Webb, E. C., *Enzymes*, 2nd edition (Longmans).

Reference books:

Boyer, P. D., Lardy, H., and Myrback, K., *Enzymes*, 2nd edition. Volumes I-V (Academic Press).

Colowick, S. P., and Kaplan, N. O., *Methods of enzymology*, Vol. I-VI (Academic Press).

354. Soil Science I.

A course of two hours of lectures and three hours of practical work a week for three terms, dealing with soil formation and composition, and the chemistry and physics of soils in relation to soil fertility. Topics considered include: soil genesis, distribution of the major soil types of the world and Australia; composition of the inorganic and organic fractions of soils; clay mineralogy; chemistry of the plant nutrients in soils; the nitrogen cycle in soils; air and water movement in soils; the physics of irrigation and drainage; soil erosion.

Practical work will consist of a number of field excursions, and laboratory work related to the above topics.

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.

This course comprises the lectures and practical work in pedology and soil physics given in Soil Science I and the lectures on soil chemistry given in Agriculture II. The total content corresponds to two hours lectures and three hours practical work a week for two terms.

357. Soil Science IB.

In addition to the lectures and practical work described under Soil Science I, tutorials will be given and reading, essay and practical work assigned. The additional work will be concerned primarily with soil-plant relationships. The number of tutorial classes will be approximately one a week for three terms.

In addition to those books listed under Soil Science I the following books are recommended:

Reference books:

Black, C. A., *Soil-plant relationships* (Wiley).
Jenny, H., *Factors of soil formation* (McGraw-Hill).
Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

Soil Science II (from 1966).

Pre-requisite subjects: A Division I pass or higher in Soil Science I (354) and Chemistry II (244).

A course of two hours lectures and ten hours practical work a week for three terms devoted to fundamental studies of the chemistry and physics of the soil. The major topics considered are: the genesis and composition of clay minerals in different soil types; the reactions of ions and water at the surfaces of colloidal particles, and the influence of these reactions on the physical and chemical properties of soils, particularly the potential and capacity of the soil to provide the major plant nutrients and trace elements; the diffusion of ions in soils and the chemistry of nutrient uptake by plants; the composition of the organic colloids and the kinetics and biochemistry of organic matter transformations; soil organisms; theories of the flow and diffusion of air and water in porous materials, and their application to infiltration, permeability and other irrigation and drainage problems; mechanisms of aggregate formation and breakdown in soils in relation to soil fertility.

Practical work will be related to the above topics and will include a research project.

In addition to those text-books listed for Soil Science I (354) the following books are recommended:

Reference books:

Alexander, M., *Introduction to soil microbiology* (Wiley).
Baver, L. D., *Soil physics*, 3rd edition (Wiley).
Bear, F. E., *Chemistry of the soil* (Reinhold).
Black, C. A., *Soil-plant relationships* (Wiley).
Brown, G., (Ed.), *X-ray identification and crystal structures of clay minerals* (Mineralogical Soc.).
Grim, R. E., *Applied clay mineralogy* (McGraw-Hill).
Jackson, M. L., *Soil chemical analysis* (Constable).
Jenny, H., *Factors of soil formation* (McGraw-Hill).
Olphen, H. van, *Introduction to clay colloid chemistry* (Interscience).
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.

Students wishing to take the Honours degree in Agricultural Biochemistry or Soil Science should consult the Professor some time during the last term of their final year of the B.Ag.Sc. ordinary degree.

A candidate will be required to attend tutorials and to prepare seminars on selected topics. A research project will be assigned to each candidate and a thesis will be presented at the end of the course. An examination paper will also be set. Candidates must have a reading knowledge of French and German and may be required to attend courses in these subjects. Intending candidates should consult the Head of the Department and be prepared to begin studies on February 1.

360. Crop Physiology.

Pre-requisite subject: Botany IIB (367) at Division I or higher standard.

This course consists of two lectures and three hours practical work a week for three terms and covers:

Growth patterns; dormancy; germination; vegetative propagation.
Morphology and growth regulation of roots, leaves and stems.
Accumulation of storage substances; floral initiation; seed set; fruit growth; post-harvest physiology; senescence.
Effects of temperature, light, water, nutrients and air on interrelationships of plant size, form and development.

The course will consider, primarily, cereals, pastures and horticultural (particularly tree) crops.

Reference books:

Such books and papers as are assigned during the course.

361. Agriculture I.

A course of one lecture a week for three terms.

World resources and living standards; world crop and livestock production; factors influencing their distribution and yields; evolution of agriculture; world population and food supply.

Australian resources; history and structure of Australian agriculture.

The application of science in agriculture.

Text-books:

Australia, C.S.I.R.O., *The Australian environment* (C.S.I.R.O.. M.U.P.).
Wadham, S. M., Wilson, R. K. and Wood, Joyce, *Land utilisation in Australia* (M.U.P.).
Zimmerman, E. W., *World resources and industries* (Harper).

362. Agriculture II.

Pre-requisite subject: Agriculture I.

A course of two lectures and three hours practical work a week for three terms.

(a) *Factors in agricultural production.*
Climate: Global heat balance and climates; Australian climates; rainfall effectiveness; microclimatology.
Soils: Formation and composition; the Great Soil Groups; Australian, South Australian soils; nutrients, water.
Plants and animals: variability, adaptation, breeding.

(b) *Principles of Agricultural Production*:
Pasture production: Native and sown pastures of Australia; seeds mixtures; pasture establishment, ecology and management.
Animal production: Introduction to the distribution, growth and physiology of domestic animals. Concepts of nutrition and management.
Field and Horticultural Crop Production: Agronomic principles and techniques in the production of principal world and Australian field, fruit and vegetable crops.

Reference books:

The books listed for Agriculture I.
Black, J. M., *Flora of South Australia* (Government Printer, Sth. Australia).
Darlington, C. D., *Chromosome botany and the origin of cultivated plants* (Allen and Unwin).
Hare, F. K., *The restless atmosphere* (Hutchinson).
Haurwitz, B. and Austin, J. M., *Climatology* (McGraw-Hill).
Molnar, I., *A manual of Australian agriculture* (Heinemann).
Russell, E. W., *Soil conditions and plant growth* (Longmans).
Wilsie, C. P., *Adaptation and distribution* (Freeman and Co.).

Agriculture III (from 1966).

Pre-requisite subjects: Agriculture I and II.

A course of two lectures and three hours practical work a week for three terms. (This revised course will be offered for the first time in 1966.)

(a) Soil and water management: tillage; practice and principles. Fertilisers: major and micro-nutrient deficiencies; fertiliser production and use; placement, forms, frequency of application, residual effects.
Irrigation and drainage: principles and techniques; Australian practice and prospects.

(b) Seed production and certification: weed control, legislation; crop and animal protection, principles, methods, legislation, quarantine.

(c) Land use: patterns and trends according to climate, soil, economic and other factors. Influence on chemical and physical fertility, production. Farm management: integration of practices, criteria of efficiency, erosion control, fodder conservation.

(d) The Australian agricultural industries: structure, economics, legislation, marketing, technical and sociological problems.

Essays on the compulsory tours are a requirement for this course.

Reference books:

The books listed for Agriculture I and II.

Klingman, G. L., *Weed control as a science* (Wiley).

Rice, V. A. and Andrews, F. N., *Breeding and improvement of farm animals* (McGraw-Hill).

Whyte, R. O., Moir, T. G. R. and Cooper, J. P., *Grasses in agriculture* (U.N. Food and Agriculture Organisation).

Whyte, R. O., Trumble, H. C. and Nillson-Leisner, G., *Legumes in agriculture* (U.N. Food and Agriculture Organisation).

Agronomy (from 1966).

Pre-requisite subject: Crop Physiology.

A course of three lectures and seven hours practical work a week for three terms. The practical work includes an individual project. (This revised course will be offered for the first time in 1966.)

(a) *The Principles and techniques of crop and pasture experimentation*:
Processes of reasoning, hypothesis, evidence; errors and variation in agronomic studies. Collection of crop, pasture and animal data. Supplementary techniques, water cultures, soil cultures.

(b) *The botany of crop and pasture plants*:
Their origin, evolution and taxonomy. Morphology and development of principal world crops and selected pasture grasses and legumes.

(c) *The growth and ecology of field crops and pastures*:
Yield and growth analysis; the community and the plant; density and competition; principles, application to crop and pasture mixtures, undersown crops, weeds. Levels of single factors, growth and response curves; energy balance; light relationships, leaf area; temperature; carbon dioxide transfer in crops; dynamics of water supply; flow of ions and oxygen to roots; nutrient responses; the interaction of environmental factors and genotype.
Pastures: plant-animal interactions.

A part of the lectures and practical work in this subject will be devoted to a short course in agricultural engineering, covering farm mechanisation, power and machinery; hydraulics and water management; and surveying.

References:

Mainly scientific papers and reviews referred to in the lectures.

de Candolle, A, *Origin of cultivated plants* (International Science Series).

Evans, L. T., *Environmental control of plant growth* (Academic Press, N.Y.).

Hector, J. M., *Botany of field crops Vol. I & II* (Johannesburg Central Newsagency).

Lynch, P. B., *Conduct of field experiments*, N.Z. Dept. Agric. Bul. 399 (Government Printer, Wellington).

Milthorpe, F. L., *The growth of leaves* (Butterworth).

Shaw, B. T., (Ed.), *Soil physical conditions and plant growth* (Academic Press, N.Y.).

Sinnott, E. W., *Plant morphogenesis* (McGraw-Hill).

Whyte, R. O., *Crop production and environment* (Faber).

Barger, E. L. et al, *Tractors and their power units* (Wiley).

Malcolm, J., *Elementary surveying* (U.T.P.).

McColly, H. F. and Martin, J. W., *Introduction to agricultural engineering* (McGraw-Hill).

Victoria. State Rivers and Water Supply Commission. *Farm water supplies.*

365. Animal Physiology and Production I.

A three term course of five hours weekly in three sections.

Anatomy and histology: gross structure and histology with emphasis on the anatomical specialization of ruminants and birds.

Physiology and biochemistry: Animal functions in relation to environment and nutrition. Body composition, growth; metabolic turnover and conversions of water, electrolytes, proteins, carbohydrates and fats. Circulation and body fluids. Diges-

tion, secretion, absorption and transport of metabolites. Endocrine functions, reproduction, foetal physiology. Nervous and neuroendocrine control. Adaptative mechanisms.

Nutrition and production: Basic concepts of animal nutrition: balance of energy, carbon, nitrogen, electrolytes, and water. Energy, mineral and vitamin requirements and deficiencies in growth, production and reproduction. Ecology and nutrition of the grazing animal: seasonal limitations to production. The economic approach to supplementary feeding, drought feeding, lot feeding; the use and limitations of feeding standards. Nutrition of pigs and poultry. Nutrition as a factor modifying the form and composition of carcass animals.

Reference books:

May, N., *The anatomy of the sheep* (Q.U.P.).
Bell, G. H., Davidson, J. N. and Scarborough, H., *Textbook of physiology and biochemistry* (Livingstone).
Eggleton, G., and Davson, H., *Principles of human physiology* (Churchill).
Maynard, L. A. and Loosli, J. K., *Animal nutrition* (McGraw-Hill).
Clark, L., *The tissues of the body* (O.U.P.).

Animal Physiology and Production II (from 1966).

Pre-requisite subject: Animal Physiology and Production I.
A three term course of ten hours a week including an individual project.

Anatomy and histology: More detailed study of the structure of sheep, pig and bird. Histology, and electron micrography of cells. Structure-function relations of muscle, storage organs, glands, egg formation and reproductive tract.

Physiology: Special topics, including rumen biochemistry and physiology, commensal bacteria, and protozoa, turnover of water, salts and metabolites. Secretion, transport and absorption in kidney, glands and gut. Mobilization and deposition of proteins, fats, glycogen. Starvation and overnutrition, metabolic dysfunction. Endocrinology, fertility, embryonic physiology, lactation, and growth. Physiological ecology of animals. Excitiable tissues, conduction, nervous organization, behaviour. Animal population, density, and social interactions.

Animal Production: Principles of experimentation with grazing animals, methods for studying production in the field: wool, growth, milk production, reproduction, body growth and its components; carcass evaluation. Seasonal productivity and nutritive value of pastures, nitrogen turnover of grazing animals. The assessment of herbage intake, grazing time and composition of the diet. Relative efficiencies of farm animals as converters of energy.

Principles of disease control: Developmental defects. Parasites-bacteria, viruses, fungi, worms, arachnids, insects. Degenerative and neo-plastic disease. Biochemical lesions, poisons, and nutritional defects. Control by immunity, trace element replacements antibiotics, management.

Animal breeding: Main postulates of population genetics, breeding systems, selection, migration and breed structure.

Reference books:

Blaxter, K. L., *Ruminant metabolism* (Hutchinson).
Annison, E. F., and Lewis, D., *Metabolism in the Rumen* (Methuen).
Kleiber, M., *The fire of life* (Wiley).
Underwood, E. J., *Trace elements* (Academic Press).
Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).

Reference lists of reviews and periodic publications will be provided.

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; 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).

Plant Breeding (from 1966).

Pre-requisite subject: Genetics I.

A course of three lectures and seven hours practical work a week for three terms. (This revised course will be offered for the first time in 1966.)

Early contribution of plant breeding to agriculture; objectives and bases of modern breeding programmes. Plant introduction, adaptation, effect of breeding history, breeding systems, variability, selection methods, in self and cross-pollinated plants.

Polyploidy, incompatability, mutation, male sterility, disease resistance, cytogenetics and inter-specific hybridization in relation to plant breeding.

Breeding for yield and quality. Biometrical, physiological and biochemical analysis. General philosophy of breeding. Field plot, mechanization, computer techniques. Seed production and registration.

Reference books:

Allard, R., *Principles of plant breeding* (Wiley).
Elliott, F. C., *Plant breeding and cytogenetics* (McGraw-Hill).
Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding* 2nd edition (McGraw-Hill).

369. Agronomy, Animal Production and Physiology, 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 and Plant Pathology.

A course of one lecture and one practical class for Entomology and one lecture and one practical class for Plant Pathology each week for three terms.

Entomology.—The course provides an introduction to the morphology and taxonomy of insects, insect physiology and the principles of insect control.

Students will be required to make a collection of 50 species of insects which must be submitted during the first week of the final term. Collection should begin in the long vacation preceeding the course and equipment may be

obtained by intending students from the Entomology Department before this vacation.

Text-book:
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).
Wigglesworth, V. B., *Insect physiology* (Methuen Monograph).

Plant Pathology.—History; nature of plant disease; physiological disorders and diseases caused by bacteria, viruses, fungi, nematodes with examples of each class occurring in Australia; physiology of parasitism; principles of disease control, influence of environment, cultural practices, use of therapeutics, resistant varieties, legislation.

Text-books:
Alexpoulos, 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).

Entomology II (from 1966).

Pre-requisite subjects: Entomology—Plant Pathology (374), and Zoology II (273) at Division I or higher standard.

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.

(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-books:
Browning, T. O., *Animal populations* (Hutchinson).
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 one lecture and one practical a week throughout the year.

An introduction to micro-organisms; their morphology, physiology, ecology and general classification; the techniques used in the study of micro-organisms; the occurrence of micro-organisms in soil, air and water; their importance in agriculture and 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).

Plant Pathology II (from 1966).

Pre-requisite subjects: Entomology and Plant Pathology (374) and Agricultural Microbiology (380).

A course of ten hours a week for three terms covering:

(a) The classification and morphology of 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; physiology of parasitism; 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 IA.

The course comprises 2 lectures and a one-hour practical class each week.

(a) A course is given during the first and second terms in *elementary statistical methods*, including standard significance tests, simple linear regression and analysis of variance for standard orthogonal designs.

(b) Alternative courses are available in the third term namely:—

(i) a course in *experimentation and sampling methods*: choice of experimental design, randomisation, field layout, sampling techniques, controls, calibration methods;

(ii) a course in *biomathematics*, dealing with quantitative formulations in selected fields (in particular enzyme kinetics, quantitative laws of plant growth), and relevant statistical curve-fitting methods. This part of the course will assume a knowledge of mathematics at the level of General Mathematics (201).

No text-books are required but selected reading will be assigned.

391. Biometry IB (from 1966).

Pre-requisite subject: Mathematics I (202).

The course comprises approximately six hours of lectures and practical classes each week devoted to the basic principles and application of statistics and biomathematics.

A more detailed syllabus for this subject will appear in the Calendar for 1966. [It is hoped that in 1967 an advanced course in Biometry will be offered for which Biometry IB will be a pre-requisite.]

Horticultural Science (from 1966).

Pre-requisite subject: Crop Physiology (360) at Division I or higher standard.

A course consisting of three lectures and seven hours of practical work a week for three terms. Lectures, practical work, demonstrations and field trips will cover:—

The growth of fruit trees, mechanisms controlling growth, the uses of growth regulators in horticulture.
The water requirements of crops, methods of irrigation and drainage.
Mineral nutrition, fertilizers and soil management.
Movement and accumulation of substances in plants, reserves.
Bud development and bearing habit, propagation principles and methods, root-stocks, pruning and training.
Flower and fruit morphogenesis, mechanisms of floral initiation, fruit setting and fruit growth, and practices involved.
Ripening of fruits, harvesting, post-harvest physiology, storage, marketing and processing of fruits.
Horticultural production and establishment, varieties, protection, frost.
The culture of important horticultural crops.

Attention will be given to training and experience in experimental method, reading, writing and speaking. Opportunity will be given for a project of individual study involving literature revision and limited original investigation. No text-books are required but selected reading will be assigned.

A part of the lectures and practical work in this subject will be devoted to a short course in agricultural engineering covering farm mechanisation, power and machinery; hydraulics and water management; and surveying.

399. 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, 5th or 6th 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* Leaving Honours Mathematics, Parts I and II.

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, infinite series, matrices, functions of a complex variable, theory of vibrations, vector analysis, statistics.

Text-books:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill); *or*
Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).
Halstead, H. J., *An introduction to statistical methods* (Macmillan).

Reference book:

Kreyszig, E., *Advanced engineering mathematics* (Wiley).

408. Mathematics III (Engineering).

Pre-requisite subject: Mathematics II (Engineering) (407) at Division I or higher standard.

The course consists of two lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: complex variable theory, vector integral calculus, probability and statistics, linear programming, special functions, numerical analysis, mappings and co-ordinate transformations, numerical and analogue solution of the common differential equations of physics and engineering.

Text-books:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill); *or*
Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).

Reference books:

Crandall, S. H., *Engineering analysis* (McGraw-Hill).
Kreyszig, E., *Advanced engineering mathematics* (Wiley).

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.— One two-hour demonstration 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.

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:

Rosenak, S., *Soil mechanics* (Batsford).
Cowan, H. J., and Smith, P. R., *Design of reinforced concrete* (Angus and Robertson).
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:

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).
Hansen, H. J., *Modern timber design* (Wiley).
Reece, P. O., *An introduction to the design of timber structures* (Spon).
Sutherland, H., and Bowman, H. L., *Structural theory* (Wiley).
Carpenter, S. T., *Structural mechanics* (Wiley).
Means, R. E., and Parcher, J. V., *Physical properties of soils* (Merrill).
Teng, W. C., *Foundation design* (Prentice-Hall).

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*
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), Hydraulics A (426), and Mathematics II (Engineering) (407).

A course of about 80 lectures dealing with soil mechanics; surveying; and hydraulics.

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).
The Star almanac for land surveyors for the current year (H.M.S.O.).

Reference books:

Rouse, H., *Engineering hydraulics* (Wiley).
Streeter, V. L., *Handbook of fluid dynamics* (McGraw-Hill).
Rouse, H., *Advanced mechanics of fluids* (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).
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).
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 subjects: Civil Engineering I (421), and Mathematics II (Engineering) (407).

A course of about 80 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).
Hall, A. S., and Woodhead, R. W., *Frame analysis* (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 dimen-

sionless 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-books:

Rouse, H. (ed.), *Engineering hydraulics* (Wiley); *or*
Duncan, W. J., Thom, A. S., Young, K. P., *An elementary treatise on the mechanics of fluids* (Arnold).

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).
Francis, J. R. D., *A text-book of fluid mechanics* (Arnold).
Vennard, J. K., *Elementary fluid mechanics* (Wiley).

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 inviscis 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).
Vennard, J. K., *Elementary fluid mechanics*, 4th edition (Wiley).

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; thyratrons; 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 engineers' handbook* (McGraw-Hill).
Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
Carroll, J. M., *Transistor circuits and applications* (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; statically indeterminate problems in tension and compression; 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; 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* (Cleaver-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), Mechanics (406).
Pre-requisite or concurrent subject: Mathematics II (Engineering) (407).

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) *or* Physics I (222); and Mathematics I (Engineering) (213) *or* Mathematics I (202).

Pre-requisite or concurrent subject: Applied Mathematics II (205).

This course introduces fundamental concepts in Electrical Engineering.

LECTURES: Three 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: Three 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:

Hayt, W. H., and Kemmerly, J. E., *Engineering circuit analysis* (McGraw-Hill).
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), *or* Applied Mathematics II (205).

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 three 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.

447. Electrical Engineering A.

Pre-requisites: A Science Degree, with Mathematics and Physics as major options.

The course consists of material selected from the syllabuses of Electrical Engineering I (441) and Electrical Engineering II (442).

448. Electrical Engineering B.

Pre-requisite subject: Electrical Engineering A.

The course will consist of material selected from the syllabuses of Electrical Engineering II (442) and Electrical Engineering IIIA (443), Electrical Engineering IIIB (444) and Electrical Engineering IIIC (445).

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 (433).

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 in the theory and practice of the operations and processes of the treatment of ores and minerals.

PRACTICAL WORK: Three hours each week for one term, of experiments illustrating the principal operations of ore dressing.

Reference books:

Pryor, E. J., *Mineral processing* (Mining Publications Ltd., 1960).
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).

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).
Giedt, W. H., *Principles of engineering heat transfer* (Van Nostrand).

Reference books:

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).
Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).
Faires, V. M., *Thermodynamics,* 4th edition (Macmillan).
Obert, E. F., and Young, R. L., *Elements of thermodynamics and heat transfer* (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).
Bairstow, 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*.
Ower, 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*, 2nd edition (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 components; the application of combined stresses and theories of failure; fatigue and creep; factors of safety and design stresses; applications of basic principles in the design of shafts subject to combined loading, bearings, couplings and clutches, belt drives, gearing, brakes and other machine components.

Text-books:

Faires, V. M., *Design of machine elements* (Macmillan).
B.S. 436: 1940, *Machine cut gears. A. Helical and straight spur* (B.S.I.).
B.S. 545: 1949, *Bevel gears (machine cut)* (B.S.I.).
B.S. 721: 1937, *Machine cut gears: worm gearing* (B.S.I.).

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design* (International Text Book Co.).
Black, P., *Machine design* (McGraw-Hill).
Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
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.

APPLIED THERMODYNAMICS II: A course of lectures and practical work in applied thermodynamics and heat transfer. 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.).
Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).

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).
Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning* (Constable).
Jennings, B. H., and Lewis, S. R., *Air conditioning and refrigeration.*
Giedt, W. H., *Principles of engineering heat transfer* (Van Nostrand).
Obert, E. F., *Elements of thermodynamics and heat transfer* (McGraw-Hill).
Faires, V. M., *Thermodynamics*, 4th edition (Macmillan).
American Society of Heating, Refrigerating and Air-conditioning Engineers, *Guide and data book—fundamentals and equipment*, 1963, *Guide and data book—applications*, 1964.

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* (Mc-Graw-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).
Liepmann, H. W., and Roshko, A, *Elements of gas dynamics* (Wiley).
Howarth, L., *Modern developments in fluid dynamics—high speed flow* (O.U.P.).

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; applied 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).
Doebelin, E. O., *Dynamic analysis and feedback control* (McGraw-Hill).
Savant, C. J., *Control system design*, 2nd edition (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 gear trains and cams, vibrations and the dynamic analysis of rotating machinery.

Text-book:
Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (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 gear trains and cams, vibrations and the dynamic analysis of rotating machinery.

Text-book:
Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (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).
Giedt, W. H., *Principles of engineering heat transfer* (Van Nostrand).

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, lay-out, 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 subject: Graphics (471).

Pre-requisite or concurrent subjects: Strength of Materials (432) and Mechanics (406).

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, gears, 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.*
B.S.S. 46, Part 1: 1958, *Keys and keyways.*

Reference books:

Faires, V. M., *Design of machine elements* (Macmillan).
Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).
Parker, S., *Drawings and dimensions* (Pitman).
Abbott, W., *The dimensioning of engineering drawings* (Blackie).
Hall, A. S., and others, *Theory and problems of machine design* (Schaum).
Rollason, E. C., *Metallurgy for engineers* (Arnold).
S.A.A. CZ1, *Engineering drawing practice.*

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.*
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 (Cleaver-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).
Alexander, J. M., and Brewer, R. C., *Manufacturing properties of metals* (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; 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).
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).
Drucker, P. F., *The practice of management* (Mercury).

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. Ten, two-hour tutorial sessions.

Text-book:
Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:
Badger, W. L., and Banchero, 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 fluid mechanics theory to the 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*, 2 vols. (vol. 1, 2nd edition) (Pergamon Press, 1954-1964).

Perry, J. H., *Chemical engineers' handbook*, 4th 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: Chemical Reaction Engineering.

Pre-requisite subjects: Chemistry IIA (234) and Mathematics I (Engineering) (213).

LECTURES: Three lectures a week throughout the year devoted to the application of thermodynamic and kinetic principles to large-scale chemical change comprising:—

(i) Application of thermodynamics to phase and chemical equilibria.
(ii) Basic statistical kinetics and reaction mechanisms.
(iii) Process design of chemical reactors.
(iv) Economic optimisation of chemical change.
(v) Other general topics including refrigeration, fuels and vapour-power plant.

PRACTICAL WORK: Three hours a week devoted to experiments illustrating fundamental principles of the work covered in lectures and special techniques.

SEMINAR: Three hours a week in first and second terms. Students will be required to submit an essay at the end of first term and present it at a seminar in second term.

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).

Rodiguin, N. M., and Rodiguina, E. N., *Consecutive chemical reactions* (Van Nostrand, 1963).

Levenspiel, O. L., *Chemical reaction engineering* (Wiley, 1962).

485. Process Engineering IIC: 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 dynamic behaviour of typical measuring systems, 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.

The graphical and analytical techniques used in process control system design are described in some detail, several approaches to the problem of satisfying stability criteria being described. 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 lecture course.

Text-books:

Eckman, D. P., *Automatic process control* (Wiley, 1958).

Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).

Reference books:

Popov, E. P., *The dynamics of automatic control systems* (Pergamon, 1962).

Hadley, W. A., and Longobardo, G., *Automatic process control* (Pitman, 1963).

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: Five hours a week for two terms devoted to applications of transport theory and of fluid and particle mechanics in the unit operations of chemical engineering.

TUTORIALS: Three hours a week for two terms. Problems studied are of a practical nature, but involve the application of fundamental principles rather than the use of handbooks.

PRACTICAL WORK: Ten hours a week for two terms. The time is divided between a series of illustrative experiments based on the lecture course and a project continuing throughout the two terms.

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*, 2 vols. (Vol. I, 2nd edition) (Pergamon Press 1954-1964).

Perry, J. H., *Chemical engineers' handbook*, 4th 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: Two lectures a week for two terms 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 IIIA (491) and IIIC (493).

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*, 4th 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).

497. Vacation Course—Workshop Practice.

The course consists of two weeks full-time instruction in the Mechanical Engineering Workshops during a vacation. The course deals with the basic machine-tools and processes with the aim of developing an understanding of the skills of the artisan necessary to modern production processes.

Text-book:
Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

Reference books:
Sachs, G., *Fundamentals of the working of metals* (Pergamon).
Degarmo, E. P., *Materials and processes in manufacturing* (Macmillan).
Bolz, R. W., *Production processes: their influence on design,* Volumes I and II (Penton).

498. Vacation Laboratory Course in Electrical Engineering.

This course, which occupies a period of three weeks, is designed partly to give additional support to the theory courses in Electrical Engineering II, and partly to prepare students for their final year project work.

The course is comprised of practical work covering machine transients, components of automatic control systems, special amplifiers, controlled power supplies, switching circuits and measurements.

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

PRELIMINARY EXAMINATION.

511. Physics.

A knowledge of physics and mathematics at Leaving Examination standard is assumed.

This course consists of three lectures and three hours' practical work a week throughout the academic year. The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work. At least one of the reference books should be read concurrently with the lecture course.

Reference books:

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill).

Ference, M., Lemon, H. B., and Stevenson, R. J., *Analytical experimental physics* (Chicago U.P.).

Shortley, G., and Williams, D., *Principles of college physics* (Prentice-Hall).

Sears, F. W., and Zemansky, M. W., *University physics* (Addison-Wesley).

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*
Butler, J. N., *Solubility and pH calculations* (Addison-Wesley); *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* (University Paperback).
Hippocrates, *Medical works* (Blackwell).
Carrel, A., *Man the unknown* (Hamish Hamilton).

FIRST PROFESSIONAL EXAMINATION

SECOND YEAR

520. Anatomy.

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 readers, 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.

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).

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:
West and Todd, *Textbook of biochemistry*, 3rd edition (Macmillan).
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).

523. Human Physiology.

The course of lectures and experimental work in Human Physiology extends over the three 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 year of medical study see Applied Physiology and Pharmacology (544).

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.

SECOND PROFESSIONAL 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:

Walter, J .B., and Israel, M. S., *General pathology* (Churchill, London, 1963); *or*

Wright, G. Payling, *An introduction to pathology,* latest edition (Longmans).

Reference books:

Florey, Sir Howard, *General pathology,* latest edition (Lloyd-Luke).

Perez-Tamayo, R., *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 tumours* (Butterworth).

542. Microbiology.

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-books:

Jawetz, E., Melnick, J. L., and Adelberg, E. A., *Review of medical microbiology,* 5th edition (Lange).

Humphrey, J. H., and White, R. G., *Immunology for students of medicine* (Blackwell, Oxford).

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:

Goth, A., *Medical pharmacology* (C. V. Mosby, 1964).

Wilson, A., and Schild, H. O., *Clark's applied pharmacology,* 9th edition (Churchill).

Martindale, W. H., *The extra pharmacopoeia,* 24th edition (Pharmaceutical Press).

Adelaide Children's Hospital pharmacopoeia.

Guyton, A. C., *Text-book of medical physiology,* 2nd edition (Saunders).

FINAL PROFESSIONAL EXAMINATION, PART I

FIFTH YEAR

555. Obstetrics and Gynaecology.

A course of lectures in obstetrics and gynaecology.

Students reside in The Queen Elizabeth Hospital or Queen Victoria Maternity Hospital for one clinical term. During this time both obstetric and gynaecological attachments are performed.

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).

Reid, D. E., *Textbook of obstetrics* (Saunders, 1962).

Willson, J. R., and others, *Obstetrics and gynaecology,* 2nd edition (Mosby, 1963).

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).

Howkins, J., *Shaw's text-book of operative gynaecology,* 2nd edition (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).

Williams, J. W., *Obstetrics,* 12th edition by A. J. Eastman and L. M. Hellman (Appleton-Century Crofts, 1961).

556. Pediatrics.

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).

Surgical Diseases of Children: Lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital.

Reference book:

Swenson, Orvar, *Pediatric surgery* (Appleton-Century-Crofts).

FINAL EXAMINATION

SIXTH YEAR

564. Group I: The Principles and Practice of Medicine and Therapeutics.

A. Medicine: A course of lectures in the fourth and sixth 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 third, fourth 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:

Noyes, A. P., and Kolb, L., *Modern clinical psychiatry*, 6th edition (Saunders, 1963).
Curran, D., and Partridge, M., *Psychological medicine*, 4th edition (Livingstone, 1955).
Mowbray, R. M., and Roger, T. F., *Psychology in relation to medicine* (Livingstone, 1963).
Davis, D. R., *An introduction to psychopathology* (O.U.P., 1957).
Mussen, P. H., Conger, J. J., and Kagan, J., *Child development and personality* (Harper and Row, 1963).

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:

Warren, R., *Surgery* (Saunders).
Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).
Bailey, H., *Emergency surgery* (Wright).
Rowbotham, G. F., *Head injuries* (Livingstone).
Pye, W., *Surgical handicraft* (Wright).

B. Diseases of the Eye: A course of out-patient clinics and 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* (Balliére, 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 opthalmology* 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 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: 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:

Students reside in The Queen Elizabeth Hospital or Queen Victoria Maternity Hospital for one clinical term. During this time both obstetric and gynaecological attachments are performed.

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).

Reid, D. E., *Textbook of obstetrics* (Saunders, 1962).

Willson, J. R., and others, *Obstetrics and gynaecology*, 2nd edition (Mosby, 1963).

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).

Howkins, J., *Shaw's text-book of operative gynaecology*, 2nd edition (Livingstone, 1960).

Moir, J. C., *Operative obstetrics*, 6th edition (Baillière, Tindall and Cox, 1956).

Haines, R. M., and Taylor, C. W., *Gynaecological pathology* (Churchill, 1962).

Williams, J. W., *Obstetrics*, 12th edition by A. J. Eastman and L. M. Hellman (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).

Phillips, O. H., *A first book of English law,* 4th edition (Sweet and Maxwell, 1960).

Reference books (available in the Library):

Archer, P., *The Queen's courts,* 2nd edition (Pelican, 1963).
Kiralfy, A. K., *The English legal system,* 3rd edition (Sweet and Maxwell, 1960).
Baalman, J., *Outline of law in Australia,* 2nd edition (Law Book Co., 1955).
Allen, C. K., *Law in the making,* 6th edition (O.U.P., 1958).
Beal, E., *Cardinal rules of legal interpretation,* 3rd edition (Stevens, 1924).
Plucknett, T. F. T., *Concise history of the common law,* 5th edition (Butterworth, 1956).
Potter, H., *Historical introduction to English law,* 4th edition (Sweet and Maxwell, 1958).
Williams, G. L., *Learning the law,* 7th edition (with Australian supplement) (Stevens, 1963).
Holdsworth, W. S., *History of English law,* Vol. 1, 7th edition (Methuen, 1956).
Allen, C. K., *The Queen's peace* (Stevens, 1953).
Windeyer, W. J. V., *Lectures on legal history,* 2nd edition (Law Book Co., 1957).
Gifford, K. H., *How to read an Act of Parliament* (Law Book Co., 1963).
Craies, W. F., *Treatise on statute law,* 6th edition, ed. S. G. G. Edgar (Sweet and Maxwell, 1963).

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, 1962).
Phillips, O. H., *Leading cases in constitutional law,* 2nd edition (Sweet and Maxwell, 1957).
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, 1894).
Combe, G. D., *Responsible government in South Australia* (S.A. Government Printer, 1957).
Dicey, A. V., *Introduction to the study of the law of the constitution,* 10th edition (Macmillan, 1959).
Evatt, H. V., *The King and his dominion governors* (O.U.P., 1936).
Heuston, R. F. V., *Essays in constitutional law,* 2nd edition (Stevens, 1964).
Ridge, E. W., *Constitutional law of England,* 8th edition (Stevens, 1950).
Jennings, W. I., *Law and the constitution,* 5th edition (U.L.P., 1959).

Jennings, W. I., *The Queen's government* (Pelican).
Jennings, W. I., and Young, C. M., *Constitutional laws of the Commonwealth*, 3rd edition (O.U.P., 1957).
Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P., 1954).
Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 6th edition (Longmans, 1961).

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, 1962).

Reference books:
Williams, G. L., *Criminal law*, 2nd edition (Stevens, 1961).
Barry, J. V. W., Paton, G. W., and Sawer, G., *An introduction to the criminal law in Australia* (Macmillan, 1948).
Cross, R., and Jones, P. A., *An introduction to criminal law*, 4th edition, Parts I and II (Butterworth, 1959).
Kenny, C. S., *Outlines of criminal law*, 18th edition, ed. J. W. C. Turner (C.U.P., 1962).
Russell, W. O., *On crime*, 11th edition, ed. J. W. C. Turner (Stevens, 1958).
Hall, J., *General principles of criminal law*, 2nd edition (Bobbs, Merrill, 1960).
Perkins, R. M., *Criminal law* (Foundation Press, 1957).

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).
McGarvie, R. E., and Donovan, F. P., *Cases and materials on contract* (Law Book Co., 1962).

Reference books:
Anson, W. R., *Principles of the English law of contract*, 21st edition (O.U.P., 1959).
Cheshire, G. C., and Fifoot, C. H. S., *Law of contract*, 6th edition (Butterworth, 1964).
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).
Smith, J. C., and Thomas, J. A. C., *Casebook on contract*, 2nd edition (Sweet and Maxwell, 1961).
Williston, S., *Treatise on the law of contracts*, 3rd edition (Baker, Voorhis and Co., 1957-).
Corbin, A. L., *On contracts* (West, 1950).
Stoljar, S. J., *Law of agency* (Sweet and Maxwell, 1961).
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., 1962).
Fleming, J. G., *The law of torts in Australia*, 2nd edition (Law Book Co., 1961).

Reference books:

Street, H., *The law of torts,* 3rd edition (Butterworth, 1963).
Salmond, J. W., *Law of torts* (ed. Heuston), 13th edition (Sweet and Maxwell, 1961).
Winfield, P. H., *Text-book of the law of tort,* 7th edition (Sweet and Maxwell, 1963).
Clerk, J. F., and Lindsell, W. H. B., *Law of torts,* 12th edition (Sweet and Maxwell, 1961).
Williams, G. L., *Joint torts and contributory negligence* (Stevens, 1951).
Wright, C. A., *Cases on the law of torts,* 3rd edition (Butterworth, 1963).
Prosser, W. L., *Handbook of the law of torts,* 2nd edition (West, 1955).

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* (Law Book Co.).
Goodeve, L. A., *Modern law of personal property,* 9th edition Sweet and Maxwell, 1949); *or*
Vaines, J. C., *Personal property,* 3rd edition (Butterworth, 1962).

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., 1927).
Jessup, G. A., *Forms and practice of lands titles office of S.A.,* 4th edition (Law Book Co., 1963).
Morris, J. H. C., and Leach, W. B., *The rule against perpetuities,* 2nd edition (Stevens, 1962).
Harrison, W., *Cases on land law* (Law Book Co., 1958).
Pollock, F., and Wright, R. S., *An essay on possession in the common law* (O.U.P., 1888).
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).
Sawer, G., *Cases on the constitution of the Commonwealth of Australia,* 3rd edition (Law Book Co., 1964).

Reference books:

Brennan, T. C., *Interpreting the constitution* (M.U.P., 1935).
Cowen, Z., *Federal jurisdiction in Australia* (O.U.P., 1959).
Else-Mitchell, R., *Essays on the Australian constitution*, 2nd edition (Law Book Co., 1961).
Nicholas, H. S., *The Australian constitution*, 2nd edition (Law Book Co., 1952).
Quick, J., and Garran, R. R., *Annotated constitution of the Australian Commonwealth* (Angus and Robertson, 1901).
Wynes, W. A., *Legislative and executive powers in Australia*, 3rd edition. (Law Book Co., 1962).
Allen, C. K., *Law and orders*, 2nd edition (Stevens, 1956).
de Smith, S. A., *Judicial review of administrative action* (Stevens, 1959).
Friedmann, W., and Benjafield, D. G., *Principles of Australian administrative law*, 2nd edition (Law Book Co., 1962).
Griffith, J. A. G., and Street, H., *Principles of administrative law*, 3rd edition (Pitman, 1963).
Robson, W. A., *Justice and administrative law*, 2nd edition (Stevens, 1947).

Statutes:

The following should be acquired before lectures commence and may be taken into the examination room.

The Constitution and the Statute of Westminster Adoption Act 1942 (with Index) (Commonwealth Government Printer).
The High Court Procedure Act, 1903-50 and *The Judiciary Act*, 1903-60 (Commonwealth Government Printer).

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, 1959).
Hart, H. L. A., *The concept of law* (O.U.P., 1961).

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 (Harrap, 1952), 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, 1956).

Reference books:

de Zulueta (ed.), *Gaius,* Vols. I and II (O.U.P., 1946-53).
Moyle, J. B. (ed.), *Justinian's Institutes,* 5th edition (O.U.P., 1913).
Buckland, W. W., *A text-book of Roman law,* 3rd edition (C.U.P., 1964).
Hunter, W. A., *Roman law* (Sweet and Maxwell, 1897).
Jolowicz, H. F., *Historical introduction to the study of Roman law,* 2nd edition (C.U.P., 1952).
Buckland, W. W., and McNair, A. D., *Roman law and common law,* 2nd edition (C.U.P., 1952).
Schulz, F., *Classical Roman law* (O.U.P., 1951).
Sohm, R., *Institutes of Roman law,* 3rd edition (O.U.P., 1907).

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:

O'Connell, D. P., *International law,* 2 vols. (Stevens, 1964).
Green, L. C., *International law through the cases,* 2nd edition (Stevens, 1959).
Brierly, J. L., *The law of nations,* 6th edition (O.U.P., 1963).

Reference books:

Lauterpacht, H., *Recognition in international law* (C.U.P., 1948).
O'Connell, D. P., *The law of state succession* (C.U.P., 1956).
Colombos, C. J., *International law of the sea,* 5th edition (Longmans, 1962).
McNair, A., *The law of treaties* (O.U.P., 1961).

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.

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, 1949).
Maitland, F. W., *The forms of action at common law* (C.U.P., 1948).
Delany, V. (ed.), *The Maitland reader* (Oceana, 1957).
Simpson, A. W. B., *An introduction to the history of the land law* (O.U.P., 1961).

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,* 4th edition (Butterworth, 1964).
Plucknett, T. F. T., *Concise history of the common law,* 5th edition (Butterworth, 1956).
Ames, J. B., *Lectures on legal history* (Harvard U.P., 1913).
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., 1911).
Kiralfy, A. K., *The action on the case* (Sweet and Maxwell, 1951).
Potter, H., *Historical introduction to English law,* 4th edition (Sweet and Maxwell, 1958).
Association of American Law Schools, *Select essays in Anglo-American legal history,* Vols. I-III (Little, Brown, 1907-9).
Sutton, R., *Personal actions at common law* (Butterworth, 1929).
Dicey, A. V., *Law and public opinion in England,* 2nd edition (Macmillan, 1914).

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, 1960).
Nathan, J. A., *Equity through the cases,* 4th edition (Stevens, 1961).
Other books on particular subjects suggested in lectures.

Reference books:
Ford, H. A. J., *Cases on trusts* (Law Book Co., 1959).
McDougall, A., *Modern conveyancing* (Pitman, 1936).

585. Mercantile Law I.

Pre-requisite subjects: The Law of Contract; The Law of Property.
Pre-requisite or concurrent subject: Equity.

The sale of goods, hire purchase, bills of sale, and negotiable instruments with particular emphasis on cheques: an introduction to bankruptcy, partnership and company law.

The following statutes, which may be taken into examinations, should be acquired:

Commonwealth: *Bills of Exchange Act,* 1909-1958.
Bankruptcy Act, 1924-1960.
South Australian: *Sale of Goods Act,* 1895-1952.
Hire-Purchase Agreements Act, 1960-1962.
Bills of Sale Act, 1886-1940.
Mercantile Law Act, 1936.
The Partnership Act, 1891-1935.
Companies Act, 1962.

Text-books:
Atiyah, P. S., *The sale of goods,* 2nd edition (Pitman, 1963).
Richardson, D., *A simple guide to negotiable instruments,* 3rd edition (Butterworth, 1963).
Gower, L. C. B., *Principles of modern company law,* 2nd edition (Stevens, 1957).
Else-Mitchell, R., and Parsons, R. W., *Hire-purchase law,* 3rd edition (Law Book Co., 1961).

Reference books:
Lewis, A. N., *Australian bankruptcy law,* 4th edition, ed. J. F. Patrick (Law Book Co., 1955).
Riley, B. B., *Bills of exchange in Australia,* 2nd ed. (Law Book Co., 1964).
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., 1938).
Powell, R., *The law of agency,* 2nd edition (Pitman, 1961).
Pollock, F., *Law of partnership,* 15th edition (Stevens, 1952).
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* (O.U.P., 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 agency, bankruptcy and company law, and will also include an examination of other selected topics in mercantile law.

Text-book:

Gower, L. C. B., *Modern company law*, 2nd edition (Stevens, 1957).

Reference books:

Palmer, F., *Company law*, 20th edition (Stevens, 1959).

Sydney University Notes, *The new companies law* (1962).

Northey, J. F., *Introduction to company law* (N.Z.), 4th edition (Butterworth, 1960).

Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).

Stoljar, S. J., *Law of agency*, 1st edition (Sweet and Maxwell, 1961).

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.

The course consists of a detailed study of selected topics in administrative law, including special reference to the powers and functions of local government authorities, and of industrial law.

Reference books:

Brett, P., *Cases on constitutional and administrative law* (Butterworth, 1962).

Friedmann, W., and Benjafield, D. G., *Principles of Australian administrative law*, 2nd edition (Law Book Co., 1962).

de Smith, S. A., *Judicial review of administrative action* (Stevens, 1959).

Griffith, J. A. G., and Street, H., *Principles of administrative law*, 3rd edition (Pitman, 1963).

Portus, J. H., *The development of Australian trade union law* (M.U.P., 1958).

Nolan, J. R. W., and Cohen, K. A., *Federal industrial law*, 3rd edition, edited by C. P. Mills (Butterworth, 1963).

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, 1948).

Phipson, S. L., *Manual of the law of evidence*, 8th edition (Sweet and Maxwell, 1959).

The annual practice (Sweet and Maxwell).

Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co., 1934).

Daniell, E. R., *Treatise on the practice of the High Court of Chancery.*

Chitty, T., *Queen's bench forms*, 18th edition (Sweet and Maxwell, 1956).

Commonwealth matrimonial causes hand-book.

Odgers, W. B., *Principles of pleading*, 17th edition (Stevens, 1960).

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 be offered in 1965.

This course 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 of Dental Science and 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:

Abbie, A. A., *Principles of Anatomy* 3rd edition (Angus and Robertson).
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:

Maximow, A. A., and Bloom, W., *A text-book of histology,* 8th edition, revised by W. Bloom and D. W. Fawcett (Saunders).
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 three 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).

Wheeler, R. C., *An atlas of tooth form,* 3rd edition (Saunders, 1962).

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy,* 4th edition (Livingstone, 1964).

Reference books:

Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).

Jenkins, G. N., *The physiology of the mouth,* 2nd edition (Blackwell, 1960).

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. The application of this knowledge to dentistry is gained by exercises in dental technics.

Text-books:

Skinner, E. W., and Phillips, R. W., *The science of dental materials* (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).

Standards Association of Australia, *Australian standard specifications for dental materials.*

American Dental Association, *Guide to dental materials* 1963-64.

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*, 4th 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) *or*
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).
Silverman, S. I., *Oral physiology* (Mosby, 1961).
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 (Kimpton).

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: The scope of the course concerns the restoration of teeth by the procedures of operative dentistry. The course consists of lectures, demonstrations, and pre-clinical practical exercises. Students achieving a satisfactory standard are permitted to proceed to the clinical section of the course where experience is gained in treatment of patients.

Text-book:

Hampson, E. L., *Text-book of operative dentistry* (Heinemann).

Reference books:

Black, G. V., *Operative dentistry*—Vol. II (Medico-Dental).
Blackwell, R. E., *Black's operative dentistry*—Vol. I (Medico-Dental).
Coolidge, E. D., and Kesel, R. G., *A text-book of endodontology* (Lea and Febiger).
Davis, W. C., *Operative dentistry* (Mosby).
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).
Pickard, H. K., *A manual of operative dentistry* (O.U.P.).
Simon, W. J. (ed.), *Clinical operative dentistry* (Saunders).
Skinner, E. W., and Phillips, R. W., *The science of dental materials* (Saunders).
Tylman, S. D., and Tylman, S. G., *Theory and practice of crown and bridge prosthesis* (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, J. C., and Wisan, J. M., *Preventive dentistry* (Kimpton).

Pelton, J. C. and Wisan, J. M., *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.).

Sognnaes, R. F., *Chemistry and prevention of dental caries* (Thomas).

Goose, D. H., and Hartles, R. L., *Principles of preventive dentistry* (Pergamon Press).

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:

McDonald, R. E., *Pedodontics* (Mosby).

Cohen, M. M., *Pediatric dentistry* (Mosby).

Finn, S. B., *Clinical pedodontics* (Saunders).

Davies, G. N., and King, R. M., *Dentistry for the pre-school child* (Livingstone).

ORTHODONTIA: Lectures and clinical instruction in the growth and development of the craniofacial complex; the recognition, diagnosis and treatment of malocclusion and associated anomalies of the jaws by mechanical and surgical procedures.

Reference books:

Angle, E. H., *Treatment of malocclusion of the teeth* 7th edition (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).

Salzmann, J. A., *Orthodontics: practice and technics* (Lippincott).

PERIODONTIA: A course of instruction on diseases of the supporting structures of the teeth and the oral mucous membrane.

Reference books:

Blake, G. L., and Trott, J. R., *Periodontology* (Butterworth).

Orban, Wentz, Everett and Grant, *Periodontics* (Mosby).

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Fish, E. W., *Paradontal diseases* (Eyre and Spottiswoode).

Glickman, I., *Clinical periodontology* (Saunders).

Burket, L. W., *Oral medicine* (Lippincott).

Goldman, H. M., *Treatment, planning in the practice of dentistry* (Postgraduate series in dentistry) (Mosby).

U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

Goldman, H. M., and others, *Periodontial therapy* (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* (Saunders).

Reference book:

American Dental Association, *Accepted dental remedies,* latest edition.

645. Clinical Dentistry I — Part C.

RESTORATIVE DENTISTRY: The separate courses of instruction in operative dentistry, endodontics, crown and bridge prosthesis, ceramics, partial denture prosthesis, immediate replacement denture prosthesis and complete denture prosthesis are applied to the clinical treatment of patients.

Text-books:

Coolidge, E. D., and Kesel, R. G., *A text-book of endodontology* (Lea and Febiger).
Johnston, J. F., and others, *Modern practice in crown and bridge prosthodontics* (Saunders).
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 626 and 636:

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 prosthodontics* (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 PHYSIOTHERAPY

FIRST-YEAR COURSE.

660. 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.

661. 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; central nervous system and 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*, 2nd edition (McGraw-Hill, 1958); *or*
Winton, F. R., and Bayliss, L. E., *Human physiology* (Churchill, 1962).

662. 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 text-books set for electrotherapy, together with an elementary text-book on physics, are suitable for reference.

663. Treatment I.

The course consists of two hours a week during the first and second 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:

Harris, H., *How to live with your nerves and like it* (British Medical Association, London, 1956).
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).
Castiglioni, A., *A history of medicine* (Alfred A. Knopf, New York, 1941).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

664. Movement I.

The course consists of one hour a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises. Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis, reflexes; fundamental starting positions.

Text-book:

Gardiner, M. Dena, *The principles of exercise therapy.*

Reference books:

Wells, K. F., *Kinesiology* (Saunders).
Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).

82. Psychology IA.

For syllabus see under Faculty of Arts.

SECOND-YEAR COURSE

670. 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 two terms 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).

671. Treatment II.

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, rheumatic conditions, 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. Conditions particularly affecting children.

Text-books:

Maitland, G. D., *Vertebral manipulation* (Butterworth, 1964).
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. G., *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).

672. 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:

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).

673. 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).

674. 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* (Kempton).
Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).
Licht, S. H., *Therapeutic heat* (Elizabeth Licht, 1958).

675. Practice of Hospital Work I.

The course covers certain nursing procedures, bandaging, splinting and practical massage (students working on each other), 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

680. 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).

681. 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:

Maitland, G. D., *Vertebral manipulation* (Butterworth, 1964).
Gesell, A., Gesell, L., and Armatruda, C. S., *Developmental diagnosis* (Hoeber, 1948).
Gesell, A., Gesell, L., and Armatruda, C. S., *The embryology of behaviour* (Harper, 1945).

Further references will be suggested at lectures.

682. 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.

683. 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.

COURSES IN COMPUTING SCIENCE

690. Programming.

This course is intended as an elementary introduction to programming for students needing to use computers. No formal pre-requisite subjects are specified for the course, but a thorough knowledge of matriculation mathematics is assumed.

The course will comprise about fifteen lectures and five tutorials covering the use of programming languages and programme systems applicable to the computers available to the University.

FOR THE DIPLOMA IN COMPUTING SCIENCE

There are two alternative courses in Computing Science for the diploma, namely Course A and Course B. Intending students should seek an interview with a member of the staff of the Department of Computing Science before selecting the course which he wishes to take.

Course A

This course is intended primarily for graduates of the Faculties of Arts, Science, Engineering and Technology who have passed in Pure Mathematics II (204) and Applied Mathematics II (205). Students considered by the Professor of Computing Science to have subjects and qualifications equivalent to this standard may be permitted to proceed to this course.

The course will comprise the following subjects:—

691. Numerical Analysis.

About 50 lectures on matrix and eigenvalue calculations, numerical approximations, solution of ordinary and partial differential equations, statistical calculations, network analysis and Monte Carlo methods.

692. Programming Languages A.

About 50 lectures on computer design, machine languages, assemblers and translators, executive and monitor systems, aspects of multi-programming, compilers and procedure-oriented languages and systems.

693. Theory of Systems.

About 40 lectures on data processing system analysis and design, algorithms, representation of structures, automata, and design and application of automatic systems.

Practical Work

[See syllabus 697 below]

Course B

This course is intended for graduates who desire to become qualified in data processing. No formal pre-requisites are specified for the course but intending students must have the approval of the Professor of Computing Science before proceeding to this course.

The course will comprise the following subjects:—

694. Computer Mathematics.

About 50 lectures on elements of computing, basic symbolic logic and Boolean expressions, equations and inequations, functions and their graphs, matrices, elements of differential calculus, elements of statistics and basic operations research techniques.

695. Programming Languages B.

About 50 lectures on computer design, machine languages, assemblers and translators, executive and monitor systems, aspects of multi-programming, compilers and problem-oriented languages and systems.

696. Data Processing.

About 40 lectures on data processing system analysis, design and application; equipment analysis and selection; system implementation; non-numerical data processing; and operations research applications in data processing.

697. Practical Work.

A candidate taking either Course A or Course B will be required also to carry out extensive practical programming and system analysis, to participate in programme system development, and to undertake major projects in computing science occupying about 200 hours.

FOR THE HONOURS DEGREES OF B.A. AND B.Sc.

699. Computing Science for the Honours Degree of B.A. or B.Sc.

In general, only students who have reached a satisfactory standard in Honours Mathematics III or Applied Mathematics III and other prescribed courses will be permitted to proceed to the Honours course.

The course will be determined from year to year and will consist partly of lectures given in the Department of Computing Science, and partly of lectures given in other Departments: It will normally comprise topics selected from the following: logical design of automatic systems, advanced numerical analysis, information theory, operations research, theory of information systems, advanced computer programming and language systems, automatic analysis and design of systems, information retrieval, theory of adaptive systems. Students will be required to undertake major projects involving extensive practical work with computers and automatic systems.

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.

700. 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).

701. 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:

Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

PHARMACY I.

The course comprises subjects 702, 703 and 704.

702. 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).
Bentley, A. O., *Text-book of pharmaceutics* (Baillière, Tindall and Cox).
Martin, A. N., *Physical pharmacy* (Lea and Febiger).

Reference books:

The British Pharmaceutical Codex (Pharmaceutical Press).
Cooper, J. W., and Gunn, C., *Tutorial pharmacy* (Pitman).

703. 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.

704. 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.

705. 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; sulpha-drugs. 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).

706. 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-books:

Bentley, A. O., *Text-book of pharmaceutics* (Baillière, Tindall and Cox).
Martin, A. N., *Physical pharmacy* (Lea and Febiger).
Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

270. Biology.

For syllabus, see under the Faculty of Science.

THIRD EXAMINATION.

707. 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* (Baillière, Tindall and Cox).

PHARMACY II.

This subject comprises the following three units:

708. 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.

Text-book:

Goldberg, L., and Hill, V. R., *The elements of accounting* (Melbourne University Press).

710. 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.

Text-books:

Bentley, A. O., *Text-book of pharmaceutics* (Baillière, Tindall and Cox).
Martin, A. N., *Physical pharmacy* (Lea and Febiger).
Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

711. 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:

712. 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 pharmaceutics* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

Reference books:

Martindale, W. H., *The extra pharmacopoeia,* Vols. I and II (Pharmaceutical Press).

Husa, W. A., *Pharmaceutical dispensing* (Mack).

713. 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.

714. 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:

715. 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:

Lewis, J. J., *An introduction to pharmacology* (Livingstone).

716. Bacteriology.

This course consists of one lecture and two hours practical work a week for the first twelve weeks of the year.

The topics covered include 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 saprophytic and 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 pharmaceutics,* section 5 (Baillière, Tindall and Cox).

Reference books:

McCulloch, E. C., *Disinfection and sterilisation,* chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

717. 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.

718. 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.

Reference books:

Sexton, W. A., *Chemical constitution and biological activity* (Spon).

Albert, A., *Selective toxicity* (Wiley).

FACULTY OF MUSIC

DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

The Practice of Music.

This course of studies is concerned with the development of the candidates' skill in practical musicianship, throughout the three years of the course.

Practice of Music I (720), II (721) and III (722).

CLASSES: One lecture and two tutorials a week in each year of the course.

SYLLABUS: Aural recognition—playing from orchestral and vocal scores; Transposition—playing and singing at sight: Keyboard harmony: extemporisation: approved group activity (instrumental or choral): elements of conducting: elements of voice production and the physiology of the vocal organs. Performance of approved works (in the case of candidates taking Chief Practical Study I, II or III, this test would be on a subsidiary instrument or voice).

EXAMINATION IN EACH YEAR OF THE COURSE:

(a) One three-hour paper.
(b) Practical Examination with *Viva voce*.

The Theory of Music.

This course of studies is designed to give candidates a thorough knowledge and practical use of the changing styles of writing from the 16th century to techniques of the 20th century.

Reference books: for Theory of Music I, II and III.

Hollinrake, *Foundations of harmony for class teaching* (Novello).
Lovelock, *First and second year harmony* (Hammond).
Bairstow, *Counterpoint and harmony* (Macmillan).
Morris, R. O., *Foundations of practical harmony and counterpoint* (Macmillan).
Piston, *Harmony* (Gollancz).
Piston, *Counterpoint* (Gollancz).
Andrews, *Oxford harmony*, Book II (O.U.P.).
Morris, R. O., *Figured harmony at the keyboard*, Books I and II (O.U.P.).
Hutchings, *The invention and technique of composition* (Novello).
Hindemith, *Traditional harmony* (Schott).
Hindemith, *Elements of music* (Schott).
Hindemith, *Craft of composition* (A.M.P.).

723. Theory of Music I.

CLASSES: Two lectures and two tutorials a week.

SYLLABUS: Advanced theory of music: History of notation: Knowledge of scalic systems, including the ecclesiastical modes and the twelve tone system: Knowledge of instruments and voices: melodic invention: Harmonic analysis and written harmonisation of melodies and basses from Monteverdi to Brahms. Prescribed scores.

EXAMINATION: Two three-hour papers.

724. Theory of Music II.

CLASSES: Two lectures and two tutorials a week.

SYLLABUS: Counterpoint: Harmony: Harmonic analysis: Orchestration Style and Period Baroque: Neo-Baroque and Viennese techniques.

Continuo realisation: Chorale harmonisation in the style of the 17th and 18th centuries: Melodic variation (Candidates may be asked to write melodic variations upon a given theme). Two-part writing *vide* Hindemith "Craft of Musical Composition" Book II. Instrumental style—keyboard and small orchestra—of Haydn and Mozart. Prescribed scores.

EXAMINATION: Two three-hour papers.

725. Theory of Music III.

CLASSES: Two lectures and two tutorials a week.
SYLLABUS: Advanced studies in Counterpoint, Harmony, Analysis (i.e. 16th and 20th centuries), Orchestration.
Modal Harmony, Ground Bass and Variation techniques, keyboard writing including accompaniment.
Prescribed scores.
EXAMINATION: Three three-hour papers .

726. Composition I.

CLASSES: A course of instruction throughout the year.
SYLLABUS: The writing of instrumental themes and melodies for chamber or orchestral purposes: the writing or melodic variations for an instrument on given themes: the setting of words for solo voice. Simple keyboard writing.
EXAMINATION: Two three-hour papers.
In addition the candidate must lodge with the Dean of the Faculty of Music two original compositions in a form approved by the Dean.

727. Composition II.

CLASSES: A course of instruction throughout the year.
SYLLABUS: Exercises: in composition of duet-fragments of instrumental writing; in composition of motets for mixed voices; in keyboard writing including variations, and exercises in Sonata Form: in simple orchestration.
EXAMINATION: Two three-hour papers.
In addition the candidate must lodge with the Dean of the Faculty of Music two original compositions one of which shall be instrumental, the other vocal, in a form approved by the Dean.

728. Composition III.

(a) CLASSES: A course of instruction throughout the year.
SYLLABUS: Exercises in trio/quartet/quintet writing, string or woodwind with or without pianoforte: extended development of keyboard writing: studies in vocal and instrumental writing, using twentieth century techniques: scoring for orchestra.
EXAMINATION: Two three-hour papers.
In addition the candidate must lodge with the Dean of the Faculty of Music a major work or a group of works the general nature of which has been approved in advance by the Faculty of Music.
(b) COUNTERPOINT (ADVANCED): A course of instruction throughout the year.
SYLLABUS: Studies in 16th century writing.
EXAMINATION: One three-hour paper.

729. Composition IV.

EXAMINATIONS:
1. Harmony—One six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
2. Counterpoint—One six-hour paper. The composition of a complete Fugue.
3. Orchestral project: Approximately one week will be allowed for the scoring for full orchestra of a specified movement .

In addition to the above papers the candidate must lodge with the Dean by September 30th of the year in which the candidate intends to take the examination, a major work, or a group of works, the general nature of which has been approved in advance by the Faculty of Music.
Additional Requirements:
(a) *Advanced Studies*, including serial technique.
Folio of work completed during the year shall be submitted for examination to the Dean of the Faculty of Music by the last day of October.
(b) *Advanced Orchestration.*
Folio of work completed during the year shall be submitted for examination to the Dean of the Faculty of Music by the last day of October.

The History of Music.

The History of Music is a study of man and his music against the background of the changing social structure over the centuries, the development of musical forms along with the growth of a people's interest and enjoyment of the art, and the changing pattern of patronage.

730. History of Music I.

CLASSES: Three one-hour periods a week.
SYLLABUS: General studies of European Music from the Middle Ages to the present day: its social background of patronage: the development of its forms, instruments and methods of dissemination: its place in modern civilisation.

Prescribed works:
- Palestrina, *Stabat Mater.*
- Bach, *Preludes and Fugues, D Minor* (Bk 1) and *E Flat Minor* (Bk 2).
- Haydn, *Symphony No. 2 in D* (*Clock*).
- Mozart, *Esultate Jubilate.*
- Beethoven, *String Quartet,* Op. 59, No. 2
- Wagner, *Prelude to "Tristan and Isolde".*
- Verdi, *Aida.*
- Debussy, *L'aprés-midi d'un faune.*
- Stravinsky, *Firebird Suite.*

EXAMINATION: Three three-hour papers.

Reference books:
- Colles, *The growth of music,* vols. 1, 2 and 3 (O.U.P.).
- Groves, *Dictionary of music and musicians* (Macmillan).
- Einstein, *A short history of music* (Cassell).
- Scholes, *The Oxford companion to music* (O.U.P.).
- Harman and Mellers, *Man and his music* (Barrie and Rockliff).
- Lang, *Music in western civilisation* (W. W. Norton).
- Lovelock, *Concise history of music* (Bell).
- Nef: *Outlines of History of Music* (Columbia U. P.).

731. History of Music II.

CLASSES: Three one-hour periods a week.
SYLLABUS:
1. The Human Voice: song froms from plain-song and early minstrelsy to the present day: part-singing from early polyphony to the modern part song.
2. The Orchestra: from the early instrumental groupings to the present day: the history of orchestration: orchestral forms: patronage and the rise of the public concert.
3. Opera: its origins and development to the 20th century. National schools, forms and conventions.

Prescribed works:
- Byrd, *Mass for 5 voices.*
- Schubert, *Die Schöne Müllerin.*
- Britten, *Serenade.*
- Bach, *Brandenburg Concertos.*
- Beethoven, *Symphony No. 6* (Pastoral).
- Mahler, *Symphony No. 1.*
- Monteverdi, *Orfeo.*
- Mozart, *Die Zauberflöte.*

EXAMINATION: Three three-hour papers.

Reference books:
- *The pelican history of music,* vols. 1 and 2 (Penguin).
- Stevens, D., *A history of song* (Hutchinson).
- Spaeth, *A guide to great orchestral music* (Modern Library).
- Ulrich, *Symphonic music, its evolution since the renaissance* (Columbia U.P.).
- Dent, *Opera* (Penguin).
- Brockway and Weinstock, *The world of opera* (Pantheon).

732. History of Music III (from 1966)

CLASSES: Three one-hour periods a week.
SYLLABUS:
1. The Solo Instrument: primitive uses: the precursors of modern instruments: the development of instruments and instrumental forms from early times to the present day.
2. Chamber Music: early groupings of ensemble playing to the present day: aspects of instrumentation, style and form.
3. Oratorio, Cantata and Mass: origins, purpose and development to the present day—style and form.

Prescribed works:
Purcell, *Keyboard Music.*
Leclair, *Oboe Concerto in E Major.*
Beethoven, *Selected Pianoforte Sonatas.*
Selected 20th Century Solo works.
Haydn, *String Quartet* (The Bird).
Schoenberg, *Die verklärte Nacht.*
Bach, *Mass in B Minor.*
Handel, *Solomon.*
Britten: *War Requiem.*

EXAMINATION: Three three-hour papers.
In addition an essay on books and works prescribed for individual study.
Reference books:
Geiringer, *Musical instruments* (Allen and Unwin).
Hutcheson, *Literature of the piano* (Hutchinson).
Robertson, *Chamber music* (Pelican).
Jacobs, *Choral music* (Pelican).
Dean, W., *Handel's dramatic oratorios and masques* (O.U.P.).

Chief Practical Study I (736), II (737) and III (738).

This subject is divided into two Schools—Instrumental and Vocal .

INSTRUCTION: A course of individual tuition throughout each year.

SYLLABUS: Studies and works as prescribed.

EXAMINATION:
1. Each candidate will be required to perform all or 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.
2. Each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
3. Reading at sight.
4. *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 (for his instrument or voice) of representative composers of the main periods of composition.

Additional requirements:

Instrumental School.

In the second year of the course—

a. Students will be required to undertake studies in Chamber Music playing throughout the year.
Examination: The performance of a work submitted to, and approved by, the Dean of the Faculty of Music.

b. Pianoforte students will undertake a course of work designed to give experience in the art of accompanying .
Examination: Candidates will be required to accompany performances of several works.

In the third year of the course—

c. Students will be required to undertake studies in Chamber Music playing throughout the year.
Examination: The performance of a work submitted to, and approved by, the Dean of the Faculty of Music.

d. Students will be required to present themselves for examination in the performance with orchestra of a concerto which has been submitted to, and approved by, the Dean of the Faculty of Music.

Vocal School.

a. Modern Languages:
Courses of studies in Italian, German and French designed for the student of singing. The candidate will present himself for an examination in one Modern Language each year. He will be required to attend the classes and to pass the examinations of the three languages during the period of his course.
Examination: In each year of the course—
a. One two-hour paper.
b. *Viva voce.*

b. In the second year of the course students will be required to attend a course of studies and pass an examination in English Diction.
Examination: In each year of the course—
a. One two-hour paper.
b. *Viva voce.*

c. In the third year of the course students will be required to present themselves for examination in the performance with orchestra or chamber music group of players of a work (cycle, opera scena or oratorio excerpts) which has been submitted to and approved by the Dean.

739. Chief Practical Study IV.

(a) A course of individual study throughout the year.

EXAMINATION: Two recital programmes, submitted to and approved by the Dean, for public performance.

(b) *Repertoire.*

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.

Principal Study I (740), II (741) and III (742).
and
Second 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, II and III.

These courses are not yet available.

746. Musicology I.

A course of instruction throughout the year.

SYLLABUS: Studies in an approved field. Papers related to the approved work, prepared throughout the year, shall be submitted for examination by the last day of October.

EXAMINATION: Two three-hour papers and, in addition, a paper designed to show a reading knowledge of one of the following languages:

French: German: Italian.

747. Musicology II.

A course of instruction throughout the year.

SYLLABUS: Studies in an approved field. Papers related to the approved project prepared throughout the year shall be submitted for examination by the last day of October.

EXAMINATION: Two three-hour papers and, in addition, a paper designed to show a reading knowledge of a second language (French, German or Italian).

748. Musicology III.

A course of instruction throughout the year.

SYLLABUS: Studies in an approved field. Papers related to the approved project prepared throughout the year shall be submitted for examination by the last day of October.

EXAMINATION: Two three-hour papers and, in addition, a paper designed to show a reading knowledge of a third language (French, German or Italian).

749. Musicology IV.

SYLLABUS: Studies in an approved field. Papers related to the approved project prepared throughout the year shall be submitted for examination by the last day of October.

EXAMINATIONS: Two three-hour papers and, in addition—

Palaeography—One three-hour paper.

General Musical History—One three-hour paper.

Languages—Translation of musical texts using the three languages: One three-hour paper.

Thesis—The candidate must lodge with the Dean of the Faculty of Music a thesis, the subject of which has been approved in advance.

750. Historical Studies.

The course comprises two sections:

A. Form:

SYLLABUS: Structure and analysis.

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).

B. History of Music:

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".*

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.

The examination in Historical Studies comprises two three-hour papers. One paper will be set on each section of the course.

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 1 (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 III [Old].

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).

756. History of Music IV [Old].

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.

757. Music in Education I.

The course directs attention to the scope and organisation of School Music: comparative methods and techniques and fundamental problems at Primary and Secondary levels.

CLASSES: Three periods of one hour each week throughout the academic year embracing lectures, tutorials, demonstrations and discussion.

SYLLABUS:

1. Introduction to the study of music in education.
2. Tonal and rhythmic development from pre-school to adolescence.
3. Introduction to music notation and music reading.
4. Music appreciation.
5. The development and training of the child voice.
6. Creative activities in music—including Carl Orff Schulwerk.
7. Lesson and curricula planning for primary and various types of secondary school.
8. Song teaching, repertoire; choir training .
9. Group instrumental activities—organisation, administration, instructional methods, inter-school activities.
10. Extra-curricular activities in music—festivals, concerts, opera, music camps, etc.
11. Aids in teaching—Use of radio, television, audio-visual equipment.

EXAMINATION: Two three-hour papers.

Text-books::
Primary Education (H.M.S.O.).
Shaw, W., *Musical education* (Hinrichsen).
Rainbow, *Handbook for music teachers* (Novello).
Dykema and Cundiff, *School music handbook* (Summy Birchard Co., Evanston, U.S.A.).

Reference books:
Fiske and Dobbs, *Oxford School Music Books*:
Teachers' Manuals: Infant; Beginners; Junior, vols. 1 and 2;
Senior, vols. 1 and 2 (O.U.P.).
Winn, *Teaching music* (O.U.P.).
Leonard and House, *Foundations and principles of music education* (McGraw-Hill).
Sur and Schuller, *Music for teenagers* (Harper).

Periodicals:
The music teacher and piano student.
Music in education.
Journal of music education's national conference.

Additional requirement:

Practical Teaching and Observation Part I and II.

SYLLABUS: Spread over two years of the course for an aggregate of at least ten weeks there will be planned demonstration lessons, observation periods, discussions and teaching experience in various types of schools.

Candidates must lodge with the Dean of the Faculty of Music by the last day of October, complete analytical notes of teaching practice on which they will be examined in the final *viva voce*.

758. Music in Education II.

CLASSES: Three periods of one hour each week throughout the academic year.

SYLLABUS: Lectures and seminars on the fundamentals of psychology for the musician and teacher of music; changing perspectives in music in education; theory and practice in the administration of music in education.

1. The function of music in life and education.
2. Historical survey of music in education.
3. Comparative studies of music in education.
4. Supervision and administration of school music.
5. Musicality: influence of hereditary, environmental and educational opportunity for development; socio-economic factors in musical development.
6. Music for exceptional, retarded and physically-handicapped children.
7. The training of the teacher of music.
8. Music in adult education—direct and indirect contact.

EXAMINATION: Two three-hour papers .

Additional requirement: Practical Teaching and Observation Part I and II (as set out under Music in Education I).

Text-books:

Buck, *Psychology for musicians* (O.U.P.).
Green, *Educational psychology* (P & H Paperback).
Green, *Basic concepts in music education* (NSSE Part 1, 1958, University of Chicago).
UNESCO, *Music in education; Reports of* 1959, 1961 *and* 1963 (ISME Conferences).

Reference books:

Revesz, *Introduction to psychology of music* (Longman).
Jeans, *Science and music* (O.U.P. Paperback).
Hunter, *Memory, facts and fallacies* (Pelican).

Periodicals:

ISME Journal.
MENC Journal of Research in Music Education.

759. Music in Education III.

SYLLABUS: Three particular areas of interest from the course in Music in Education should be selected as early as possible in the academic year.

After submission for approval to the lecturer in charge of Music in Education arrangements for investigations, surveys or research should be made.

Two research projects must be completed by the last day of the second term and the third must be submitted before the final examination.

EXAMINATION: Two three-hour papers on any aspect of music in education including the selected projects.

Viva voce examination.

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, R., and Dobbs, J., *The Oxford school music book—junior and senior teacher's manuals* (O.U.P.).
Chamberlain, M., *Ear training* (O.U.P.).
MacPherson, S., and Read, E., *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, H. W., *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, H. W., *Musical education* (Hinrichsen).
Mursell, J. L., and Glenn, M., *The psychology of school music teaching* (Silver Burdett).

Reference books:
Buck, P. C., *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.

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.

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).

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 (English Universities Press).

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 buildings for daylighting*, by D. Paix (C.E.B.S.).

Great Britain: Building Research Board, *Architectural physics: lighting*, by Hopkinson, R. G. (H.M.S.O.).

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 achitecture of Egypt, Mesopotamia, the Aegean, Greece and Rome; and of the Early Christian, Byzantine, Romanesque, and Gothic periods.

Text-books:

Fletcher, B., *History of architecture* (Batsford).

Pevsner, N., *An outline of European architecture* (Penguin).

Reference books:

Allsop, H. S., *The general history of architecture* (Pitman).

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).

The great ages of architecture series (Braziller).

Copplestone, T. (Ed.), *World architecture* (Paul Hamlyn).

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:

Sheridan, N. R., and others, *Air conditioning* (University of Queensland Press).

Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber Paperback).

Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).

Bedford, T., *Basic principles of heating and ventilating* (2nd edition) (Lewis).

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.

Reference book:

Harris, N. C., *Modern air conditioning practice* (McGraw-Hill).

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:

Fletcher, B., *History of architecture* (Batsford).

Pevsner, N., *An outline of European architecture* (Penguin).

Joedicke, J., *History of modern architecture* (Architectural Press).

Reference books:

Allsop, H. S., *The general history of architecture* (Pitman).

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).

The great ages of architecture series (Braziller).

Copplestone, T., ed., *World architecture* (Paul Hamlyn).

Encyclopaedia of modern architecture, edited by G. Hatje (Thames and Hudson).

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., *Eléments 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; Chapman and Hall).
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.).
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, fitments, 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).

Reference books:

Walsh, J. W. T., *Planned artificial lighting* (Odhams).

Phillips, D., *Lighting in architectural design* (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. Building Act and bye-laws, and other legislation.

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 anvendelse i byggningsindustrien* (*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. Visual perception and psychological aspects of environment. Ergonomics; 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.

Text-books:

Phillips, D., *Lighting in architectural design* (McGraw-Hill).
Great Britain Building Research Station, *Architectural physics: lighting,* by Hopkinson, R. G. (H.M.S.O.).

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 (Sweet and Maxwell).

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, H. 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., *Introduction to the study of town planning in Australia* (N.S.W. Government Printer).

Zucker, P., *Town and square* (Columbia University Press).

Hiorns, F., *Town building in history* (Harrap).

Gallion, A. B., and Eisner, S., *The urban pattern* (Van Nostrand).

Hilberseimer, L., *The nature of cities* (Theobald, Chicago).

847. Studio Work IV.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

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.

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.

Text-book:

Great Britain: Building Research Station, *Architectural physics: lighting*, by Hopkinson, R. G. (H.M.S.O.).

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. 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., *Architectual 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. Town Planning Acts. 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., Jnr., *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).
Gallion, A. B., and Eisner, S., *The urban pattern* (Van Nostrand).
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., *Einfamilienhaüser* (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., *Wohnhochhaüser.*
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., *Burobaüten* (Hatje).
Koch, A., *Hotelbaüten* (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., *Neüe 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, A., and Olgyay, V., *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* (Cleaver 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.).
Bedford, T., *Basic principles of heating and ventilating*, 2nd edition (Lewis).
Sheridan, N. R., and others, *Air conditioning* (University of Queensland Press).

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.*
Koeppe, 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., *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).
Makers 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.).
Encyclopaedia of modern architecture, edited by G. Hatje (Thames and Hudson).

(d) Reference books:
B.S. 1708—*Modular co-ordination* (British Standards Institution).
B.S. 2900—*Modular co-ordination in building,* Part I, Glossary (British Standards Institution).
Standards Association of Australia — Miscellaneous Publication 14, part 1, *Modular coordination in buildings*
Harrison, D., Dex, *Standards in building and modular co-ordination* (Spon).
Kent, S. R., *Modular drafting manual* (National Research Council of Canada, Div. of Building Research Technical Paper 123).

Modular Building Standards Association, *Modular practice* (Wiley).
Ehrenkrantz, Ezra D., *The modular number pattern* (Tiranti).
O.E.E.C., European Productivity Agency, *Modular co-ordination in building*, first report of EPA project 174 (H.M.S.O., 1956).
O.E.E.C. European Productivity Agency, *Modular co-ordination*, second report of EPA project 174 (H.M.S.O., 1961).
O.E.E.C., European Productivity Agency, *Prefabricated building*—project 226 (from E.P.A.—O.E.E.C.).
Madge, J. 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).
Diamant, R. M. E., *Industrialised building* (Iliffe Books Ltd., London).

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).
Lynch, K., *Site planning* (Technology Press, Harvard Press).
Ritter, P., *Planning for man and motor* (Pergamon Press).
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).
Tunnard, C., and Pushkarev, B., *Man-made America: chaos or control?* (Yale U.P.).
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.).
Regional Plan Association, *The race for open spaces* (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).

Great Britain, Transport, Ministry of, *Traffic in Towns* (The Buchanan Report) (H.M.S.O.).
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).
Gibbs, J. P., *Urban research methods* (Van Nostrand).
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).
Mekie, 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., *Introduction to the study of 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 reasearch — 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.).
Fearnsides, 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. I., 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, *Traffic in towns* (The Buchanan Report) (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:

Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—a direct approach* (Cheshire).

Grant, E. L., and Bell L. F., *Basic accounting and cost accounting* (McGraw-Hill).

Brown S. R., *Costs and prices* (Law Book Co.).

Paish, F. W., *Business finance* (Pitman).

Heckert, J. B. and Willson, J. D., *Business budgeting and control* (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:

Rapport, S., and Wright, H. (eds.), *Crust of the earth* (Mentor).

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 A.

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:

Nevin, E., *Textbook of economic analysis* (Macmillan).
Karmel, P. H. and Brunt, M. E., *The structure of the Australian economy* (Cheshire).
Harrison, J., Horrocks, J., and Newman, R. L., *Accountnig—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:

Spriegel, W. R. and others, *Elements of supervision* (Wiley).
Heyel, C., *The foreman's handbook* (McGraw-Hill).
Maynard, H. B., *Effective foremanship* (McGraw-Hill).

866. Industrial Microbiology I.

[It may not be possible to provide this course in 1965.]

Pre-requisite subjects: Biology (270), General Physics (221), and Chemistry IA (232).

The course consists of at least two hours of lectures or seminars 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 and their 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* (McGraw-Hill).

Reference books:

Chalmers, C. H., ***Bacteria in relation to milk supply*** (Arnold).

Hammer, B. W., *Dairy bacteriology* (Wiley).

Waksman, S. A., ***Soil microbiology*** (Wiley).

Oginsky, E. L., and Umbrert, W. W., ***An introduction to bacterial physiology*** (Freemantle).

McKie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

867. Industrial Microbiology II.

[It may not be possible to provide this course in 1965.]

Pre-requisite subject: Industrial Microbiology I (866).

The course consists of at least two hours of lectures or seminars 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 investigations 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* (McGraw-Hill).

Salle, A. J., *Fundamental principles of bacteriology* (McGraw-Hill).

Reference books:

Underkofler, L. A. and Hickey, R. J., *Industrial fermentations* (Chemical Publishing Co.).

Rose, A. H., *Industrial microbiology* (Butterworth).

Rainbow, C., and Rose, A. H.: *Biochemistry of industrial micro-organisms* (Academic Press).

Tanner, F. W., *Microbiology of foods*

Baumgartner, B., *Canned foods.*

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 Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Reference books:

Brown, G. G., *Unit operations* (Wiley, 1950).
Perry, J. H., *Chemical engineers handbook*, 3rd edition (McGraw-Hill).
McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
Coulson, J. M., and Richardson, J. F., *Chemical engineering*, Vols. 1 and 2 (Pergamon, 1954).
McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).
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; fireclay products; bitumen, asphalt, coal tar; timber, growth, seasoning, grading, preserving; veneers and hardboard; glues; ferrous metals; non-ferrous metals; alloys; metal joining; 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).
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.).
Parkin, P. H., and Humphreys, H. R., *Acoustics noise and buildings* (Faber).

Reference books:

Kinzey, B. Y., and Sharp, H. M., *Environmental technologies in architecture* (Prentice Hall).
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).

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, uses and maintenance of plant. Ropes—fibre and steel, scaffolding. 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).

Kellogg, F. H., *Construction methods and machinery* (Prentice-Hall).

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, 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, 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 movement, ground water problems, design of retaining walls.

(2) Walls: waterproofing basements, stone walling, load bearing and framed structures, concrete walling.

(3) Cladding of framed buildings: functional requirements, types of cladding.
(4) Floors: insitu concrete floors, and pre-cast concrete floors and hollow floor systems, ceilings, types of suspended ceilings, staircases.
(5) Roofs: trussed roof systems, portal frames, flat roofs, factory roofs, roof coverings, thermal expansion problems, roof plumbing.
(6) Joinery: functional requirements, joinery construction, types of joint.

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.

Concurrent subject: Building Administration II.

Lectures: Advanced and heavy construction methods used in: reinforced concrete, pre-stressed concrete, steel frames, timber engineering, piling, shoring, underpinning, excavation, timbering, sheet piling, soil stabilization. Specification writing. Preparation of working drawings.

Practical: Selected projects based on the above. Preparation of working drawings and specifications for more advanced buildings.

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.

Study is made of plane and solid geometric constructions and their representation in orthographic, axonometric, isometric and perspective projections.

Measured drawing and sketches of architectural detail as a means of recording existing building work.

Reference books:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

Sierp, A. F., *Perspective projection* (Sands and McDougall).

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).

Guptill, 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:

Australian standard method of measurement of building works, 2nd edition (Institute of Quantity Surveyors, Australia).

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:

Australian standard method of measurement of building works, 2nd edition (Institute of Quantity Surveyors, Australia).

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 books:

Australian standard method of measurement of building works, 2nd edition (Institute of Quantity Surveyors, Australia).

Rimmer, E. J., and Duncan Wallace, I. N., *Hudson's building and engineering contracts* (Sweet and Maxwell).

888. Estimating and Costing.

The course comprises two hours of lectures a week throughout the year.

The costing system, time studies, analysis of costs, cost control, estimating data and realistic estimating applicable to building and civil engineering works.

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 Ltd.).

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 for one year, with some practical exercises.

The major land uses by definition and analysis; methods of survey for land uses; determinants of mixture; the land use structure within urban forms; the effects of admixture on the environment; elementary exercises into the analysis of existing patterns; national, regional and local land use problems and proposals; the relationships between land use and planning programmes.

Reference 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).
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 lectures a week throughout the year.

A survey of the history of the law and the courts; principles; appeals, arbitration and conciliation; selected legislation in Australia and overseas; contemporary examples of new forms of legislation; outlines of planning law; professional witness; writing a planning act; instruments of policy. A visit will be arranged to an appeal.

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.

A course of one lecture each week for one year. Two field trips will be organized.

First term, Geology; second term, Geography; third term, Regionalism. The earth's structure; common rock forming and economic minerals; igneous, sedimentary and metamorphic rocks and processes; physical and historic geology; maps; South Australia with reference to scenery, soils, mineral resources, water, coal, natural gas, and building materials. Population and resources; mobility; case studies; regional patterns; urban spatial variations; factors in sectorial analysis; distribution, location and relocation, the geographic analysis of specific problems;

regional trends; projections methods and studies; programmes in Australia and overseas. Major world regional planning activity and achievements; contemporary theory of regionalism; government in the region; comparative studies; organization for regional planning; major factors in the regional economy; social overhead capital and public sector programmes.

Reference 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.

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).

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).

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.

Excursions to localities of special interest may be arranged.

Text-books:

Huang, W. T., *Petrology* (McGraw-Hill, 1962).

McKinistry, H. E., *Mining geology* (Prentice-Hall, 1949).

Reference books:
Hills, E. S., *Elements of structural geology* (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 (201).

Pre-requisite or concurrent subject: Applied Mathematics (T) (941).

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) (895).
Pre-requisite or concurrent subject: Civil Engineering A (Min.) (897).
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) (895).
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) (906), Applied Mathematics (T) (941), Hydraulics (T) (917), Mathematics I (Engineering) (213), Structures IA (T) (895).
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).
Schultz, J. R., and Cleaves, A. B., *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. C., *Water supply engineering*, 1962 (McGraw-Hill).
Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).
Rudolff, 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.

Seminars (not restricted to topics related to Civil Engineering A).

Practical work: Design problems in conjunction with lectures.

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, 1963).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

Urquhart, L. C., and others, *Design of concrete structures* (McGraw-Hill).

Matheson, J. A. L., *Hyperstatic structures,* vol. 1 (Butterworth).

Pippard, A. J. S., and Baker, J. F., *Analysis of engineering structures* (Arnold).

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).

Schultz, J. R., and Cleaves, A. B., *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. C., *Water supply engineering* (McGraw-Hill, 1955).

Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).

Rudolff, 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, 1957, *Methods of testing portland cement concrete.*

S.A.A. Code No. CA2, 1963, *Concrete in building.*

F.S.I.W.A. Manuals of Practice Nos. 4, 5, 8 and 9. Relevant British Codes of Practice.

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 paractical 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 Book:

Kellogg, 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:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley or Chapman and Hall).

Schultz, J. R., and Cleaves, A. B., *Geology in engineering* (Wiley).

906. Surveying I (T).

Pre-requisite or concurrent subject: General Mathematics.

The course consists of 60 hours of lectures and 90 hours of practical and 30 hours of tutorials.

Lectures: The construction, adjustment and use of instruments, including levels, level compensation, theodolites, double image, subtense and diagrammatic methods of tacheometry. Chain surveys, levelling, traverses; measurement and setting out of earth works; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries, stadia measurements; errors and their effects in chaining, levelling, traversing and instrument use.

Underground and surface surveys connected with mining type operations; equipment, basic definitions; setting out and control of tunnels; plans, projections and models in relation to mining surveys; exploration surveys, shaft plumbing, bore hole data, various instruments used in mine survey.

Practical work: Chaining, traversing detail survey, levelling, tacheometry, compass survey, place tabling, setting out works, adjustment of instruments; calculations and plans connected with the above.

B.Tech. students, civil engineering and surveying, will be required to attend a survey camp.

The examination will consist of two 3 hour written papers, a practical examination in the use of and adjustment of instruments, and the satisfactory completion of the practical programme.

Text-books:

Clark, D.. *Plane and geodetic surveying,* Vol. I (Constable, 1958).
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).
Chambers, *Seven figure mathematical tables.*
Chambers, *Shorter six figure mathematical tables.*

907. Survey Camp.

Pre-requisite subject: Surveying I (T).

The survey camp is held annually, 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-book:

Clark, D., *Plane and geodetic surveying*, vol. 1, 1958 (Constable).

Reference books:

Chambers, *Shorter six figure mathematical tables.*
Chambers: *Seven figure mathematical tables.*
Clendinning, J.: *Principles of surveying* (Blackie).
Clendinning, J., *Principles and use of survey instruments* (Blackie).

910. Surveying II

Pre-requisite subjects: Surveying I (T), General Mathematics, and General Physics.

Pre-requisite or concurrent subject: Surveying Computations.

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 of 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 books:

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; 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.

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).
Schwidefsky, 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-books:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
Bomford, G., *Geodesy* (O.U.P., 1962).

Reference books:

Hosmer, G. L., *Geodesy* (Wiley, 1929).
Rainsford, H. F., *Survey adjustments and least squares* (Constable).
Whittaker, E. T., and Robinson, 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., *Elements of astronomy for surveyors*, 6th edition, by J. B. Mackie (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).
Davis, C. V., *Handbook of applied hydraulics* (McGraw-Hill).

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 circuit 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.

Text-book:

Brookes, A. M. P., *Basic electric circuits* (Pergamon).

Additional reading will be recommended 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; 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) *and*
Hammond, S. B., *Electrical engineering* (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).
Skilling, H. H., *Electro mechanics* (Wiley).
Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).

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).

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*
Hammond, S. B., *Electrical engineering* (McGraw-Hill) *and*
Skilling, H. H., *Electro mechanics* (Wiley).

Reference books:

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).
Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).

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, 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).
Cotton, H., *Electrical technology*, 7th edition (Pitman).

924. Electronics and Logical Design.

Pre-requisite subjects: Applied Mathematics II (T); General Physics; and Programming.

The course will consist of two lectures and one tutorial a week on the following topics:

Digital computer components and circuits; linear wave-shaping circuits; diodes (including tunnel diodes) and transistors; their uses in switching, wave-shaping, logic and gating circuits; magnetic and di-electric devices for storage and logic; timing and counting circuits; design considerations of digital computer circuits.

Elements of analogue computers; linear amplifiers; operational amplifiers; sweep circuits; function generators; multiplication and division of two variables.

Digital to analogue and analogue to digital conversion.

Introduction to servo-mechanisms; sampled data servos.

Logical design: elements of symbolic logic, Boolean algebra (logic) postulates and fundamental theorems, Boolean functions and truth tables, canonical forms of Boolean functions.

Logical design of computer units (both digital and analogue).

Introduction to discrete signal information theory; redundancy techniques (codes, majority logic, error detection).

Text-book:

Will be announced later.

Reference books:

Ledley, R., *Digital computer and control engineering* (McGraw-Hill, 1960).
Chu, Y., *Digital computer design fundamentals* (McGraw-Hill, 1962).

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 analogies, 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.

927. Accountancy I.

The course consists of two lectures and two tutorials a week on the following topics:

The development and purpose of accounting. The structure and activities of business enterprises.

The recording and control functions: The balance-sheet; assets, liabilities, proprietorship; the accounting equation; ledger accounts and the double-entry system; the accounting period and profit determination; the classification of business transactions, business documents and books of original entry; accounting and control over cash debtors and creditors, stocks and other balance-sheet items; accounting for revenue and expenses.

The reporting function and the design of the accounting system; The preparation of accounting reports; the design of the recording system; the chart and manual of accounts.

Effects of different types of ownership on accounting: Sole trader, partnership, limited company, non-trading; the effects on recording and reporting; the division and appropriation of profits and losses; changes in ownership; termination (other than companies).

Accounting for sectional activity: Departmental and branch organization bases of allocation of expenses.

Effects of the nature of the enterprise on accounting: A brief examination of the special problems of pastoral, manufacturing, mining and non-trading enterprises.

Analyses and interpretation of the accounting result: An introduction to report analysis and interpretation.

The course is intended to demonstrate that if the basic accounting procedures and principles are thoroughly understood, then variations in the type of ownership or nature of the enterprise are easily handled. The principles underlying the accounting procedures and in particular methods of control are emphasized and the course continually stresses that accounting, properly applied can be a dynamic instrument of management control.

Text-books:

Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—A direct approach* (F. W. Cheshire).

Mathews, R. L., *Accounting for economists* (Cheshire).

Reference books:

Goldberg, L., and Hill, V. R., *Elements of accounting* (M.U.P.).

Goldberg, L., *An outline of accounting* (Law Book Co.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Accounting fundamentals*, 5th edition (Law Book Co.).

Mathews, R. L., *Accounting for economists* (F. W. Cheshire).

Newman, R. L., and Horrocks, J., *Advanced accounting exercises* (F. W. Cheshire).

Dyall, J. F., and Hulls, C. A., *Graded questions—first stage accounting* (Law Book Co.).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Advanced accounting*, vols. 1 and 2 (Law Book Co.).

Fitzgerald, A. A., and Schumer, L. A., *Classification in accounting* (Butterworth).

Fitzgerald, A. A., *Current accounting trends* (Butterworth).

Fitzgerald, A. A. (Ed.), *Accounting* (Butterworth).

928. Economics (T).

Two hours of lectures and one hour tutorial a week throughout the year, on the following topics:

Industrial Organization: large scale production; factors of industrial location; structure and control of industry—integration, amalgamations, take-overs.

Marginal analysis.

Theory of demand: determination and structure of demand curves; elasticity of demand.

Production and cost: diminishing returns; concepts of cost; cost determination, analysis and control; construction of supply curve.

Interaction of supply and demand.

Market structure, pricing and demand:—under conditions of pure competition, monopoly, monopolistic competition and oligopoly (include public utility pricing).

Investment decisions.
Labour markets and wage determination: employer and employee organizations.
National income: meaning, measurement, determinants, fluctuations.
Public finance: taxes, public spending, fiscal policy.
Financial institutions and monetary policy.
International trade: exports, imports, tariffs.

Text-books:

Reynolds, L. G., *Economics* (Urwin).
Beacham, A., and Williams, L. J., *Economics of industrial organisation*, 4th edition (Pitman).

Reference books:

Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).
Bach, G. L., *Economics*, 4th edition (Prentice-Hall).
Downing R. I., *National income and social accounts*, 8th edition (M.U.P.).
Karmel, P. H., and Brunt, M. D., *The structure of the Australian economy* (Cheshire).
Leftwich, R. H., *The price system and resource allocation* (Holt, Rinehart, Winston).
Nevin, E., *A textbook of economic analysis* (Macmillan).
Samuelson, P. A., *Economics*, 5th edition (McGraw-Hill).

Other references may be prescribed by the lecturers.

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:

Seely, S., *Electron tube circuits*, 2nd edition (McGraw-Hill, 1958).
Ryder, J. D., *Electronic fundamentals and applications*, 3rd edition (Prentice-Hall, 1964).
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, one hour tutorial and three 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; a study of a communication system.

Practical: Laboratory experiments on the above subject matter.

Text-book:

Ryder, D. J., *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:

Fundamentals and electrical theory: Band theory—conductors, insulators and semiconductors; Average, Peak and RMS values; Simple RC, LR and LC networks; ideal transformers.

DC power generation: Vacuum, semiconductor and gas diodes; rectification; filtering.

Amplification: Triode, tetrode, beam tetrode, pentode, transistor; basic amplifier configurations; graphical and equivalent circuit analysis; cascaded amplifiers; amplifier response; feedback.

Generation of AC signals: Oscillators; class C power amplifiers; induction and dielectric heating; ultrasonics.

Controlled DC power: Thyratron; ignitron; silicon controlled rectifier; unijunction; motor control; resistance welding; glow tube and zener diodes; simple shunt and series regulators.

Electronic timing: Time constants; simple DC and AC timers; sawtooth generators; electronic counters; stroboscope.

Computers: Operational amplifiers; logic circuits; multivibrators; storage devices; simple digital computer.

Transducers and special devices: Photo devices; varicaps; thermistors; voltage dependent resistors; ionization gauges; strain gauges.

Communication theory: Introduction to modulation and demodulation; an AM communication system.

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, R. S., *Principles of applied electronics* (McGraw-Hill, 1961).

Lytel, A., *Industrial electronics* (McGraw-Hill, 1962).

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).

This course consists of two hours of lectures, two hours of practical work and one hour tutorial throughout the year.

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.

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).

First Project (938) and Second Project (939)

Students should consult the Head of the School of Applied Physics, S.A.I.T.

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 books:

Singer, F. L., *Engineering mechanics,* 2nd edition (Harper).

Beer, F. P., and Johnston, E. R., *Mechanics for engineers* (Mc-Graw-Hill).

McLean, W. G., and Nelson, E. W., *Engineering mechanics* (Schaum Outline Series).

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.

The scope and standard of knowledge required for examination is indicated by the course of lectures, supplemented by prescribed reading.

Text-books:

Spiegel, M. R., *Theory and problems of advanced calculus* (Schaum).

Spiegel, M. R., *Vector analysis* (Schaum).

Reference books:

Kreyszic, E., *Advanced engineering mathematics* (Wiley).

Sokolnikoff, I. S., and Redheffer, R. M., *Mathematics of physics and modern engineering* (McGraw-Hill).

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:

Van der Ziel, A., *Solid state physical electronics* (Macmillan).

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 and atomic structure.

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,* 3rd edition (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).
Semat, *Introduction to atomic and nuclear physics* (Rinehart).

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 vacuum, gases and solids. The principles and experimental use of instruments, power supplies, amplifiers, oscillators, etc.

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).
Malmstadt, H. V., and others, *Electronics for scientists* (Benjamin).

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* (Prentice-Hall).
Candler, A. C., *Practical spectroscopy* (Hilger and Watts).
Allen, H. S., and Maxwell, R. S., *A text-book of heat* (Macmillan).
Roberts, J. K., *Heat and thermodynamics,* 5th edition, revised by A. R. Miller (Blackie, Wiley).
Whitmer, R. M., *Electromagnetics* (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 transmission* (Dover).
Molt, 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).
Walshaw, A. C., *Heat engines* (Longmans).
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* (Mc-Graw-Hill, 1959).

951. Mechanical Engineering II (T).

Pre-requisite subjects: General Mathematics (201), Chemistry I (231) *or* IA (232) and General Physics (221).

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-books:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).
Callendar, H. L., and G. S., *Abridged Callendar steam tables* (Fahrenheit Units) (E. Arnold).

Reference books:

Spalding, D. B., and Cole, E. H., *Engineering thermodynamics* (Arnold, 1958).
Rogers, G. 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; 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; 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-books:

Pao, R. H. F., *Fluid mechanics.*
Shepherd, D. G., *Principles of turbo-machinery* (Macmillan).

Reference books:

Kay, J. M., *Fluid mechanics and heat transfer.*
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).
Prandtl, L., *Essentials of fluid dynamics* (Blackie).

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, condensors; valves: stop, needle, float and thermostatic; absorption and adsorption systems; air conditioning principles, psychrometry; instruments.

Text-books:

Joel, R., *Heat engines* (Longmans).
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.

The course consists of two hours of lectures and one hour tutorial a week throughout the year.

Lectures: 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; bending of homogeneous beams; deflection of beams in pure bending; torsion of circular shafts.

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*, 2nd edition (Wiley).

Reference books:

Marks, L. S., *Mechanical engineers handbook*, 6th edition (McGraw-Hill),

British Standards:

Machine cut gears (Helical and Straight Spur) No. 436-1940.

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).
Nash, W. A., *Schaums outline of theory and problem of strength of materials* (Schaum).
Singer, F. L., *Strength of materials*, 2nd edition (Harper, 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:

Jensen, Alfred, *Applied strength of materials* (McGraw-Hill, 1957).

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.

962. Civil Drawing.

Four hours of practical work a week for two terms.

Preparation of civil drawings; longitudinal and cross sections; contour plans; borehole surveys; mass hand diagrams. Detailing of structural elements and assemblies. Site sketching. Soundings and site plans.

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).
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. Demonstrations 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).

Australia. 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* (McGraw-Hill).

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).

968. Operations Research.

Pre-requisite subjects: Applied Mathematics II (T); and Statistics.

The course consists of three lectures and one tutorial a week on the following topics:

Linear programming, dynamic programming, Monte Carlo methods, queueing theory, inventory control, simulation of organisations and decision processes, classification techniques, time series applications, Markov chains and forecasting, game theory, and applications of operations research.

Text-book:

Kemeny, J. G., Schleifer, A., Snell, J. L., and Thompson, G. L., *Finite mathematics with business applications* (Prentice-Hall).

Reference books:

Kemery, J. G., Mirkil, H., Snell, J. L., and Thompson, G. L., *Finite mathematical structures* (Prentice-Hall).

Kemeny, J. G., Snell, J. L., and Thompson, G. L., *Introduction to finite mathematics* (Prentice-Hall).

Kemeny, J. G., and Snell, J. L., *Finite markov chains* (Van Nostrand).

Reinfeld, N. V., and Vogel, W. R., *Mathematical programming* (Prentice-Hall).

Williams, J. D., *The compleat strategyst* (McGraw-Hill).

Goddard, L. S., *Mathematical techniques of operational research* (Pergamon).

Sasieni, M., Yaspan, A., and Friedman, L., *Operations research: methods and problems* (Wiley).

Churchman, C. W., Ackoff, R. L., and Arnoff, E. L., *Introduction to operations research* (Wiley).

Siegel, S., *Non-parametric statistics for the behavioural sciences* (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-books:

Ewing, G. W., *Instrumental methods of chemical analysis,* 2nd edition (McGraw-Hill, 1960); *or*

Willard, H. H., Merritt, L. L., and Dean, J. A. *Instrumental methods of analysis,* 3rd edition (Van Nostrand, 1963).

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., *Intsrumental 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 Gurry, 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 (Pergammon, 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 (Engineering) (213).

Lectures: One hour a week throughout the year providing an introduction to industrial instrumentation and automatic process control.

The lectures deal with the dynamic behaviour of the various elements in a control loop. The characteristics of the several control modes and their generation is described, the emphasis being on the principles involved rather than actual mechanisms. The criteria for system stability are examined, and the concepts of transient and frequency response analysis introduced. Graphical and analytical techniques used in process control system design, and the techniques of simulation and computation are discussed.

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 Longobardo, G., *Automatic process control* (Pitman, 1963).

Reference books:

Considine, D. M. (Ed.), *Process instruments and control handbook* (McGraw-Hill, 1957).

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 (Engineering) *or* Applied Mathematics II (T).

This course will cover Industrial Instrumentation (973), with the addition of an extended examination of some of the topics dealt with in that course. Selected topics of current interest such as optimalizing systems, sampled-data inputs, non-linear systems, etc., will also be discussed.

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 four parts: approximately 30 lectures are devoted to unit operations (including mineral dressing), 10 lectures to chemical process calculations, 8 lectures to unit processes (chemical) 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).

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, vol. I, 2nd edition (Wiley 1954).

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-book:
Groggins, P. H., *Unit processes in organic syntheses,* 5th edition (McGraw-Hill, 1958).

Reference books:
Mantell, C. L., *Electrochemical engineering,* 4th edition (McGraw-Hill, 1960).
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).
Potter, E. C., *Electrochemistry* (Cleaver-Hume, 1956).

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. The examination of crystals by X-rays: nature of X-rays, fundamentals of crystallography X-ray diffraction; the uses of X-ray diffraction techniques; electron diffraction. Phase transformation of metals and alloys: the mechanism of phase changes (diffusion, nucleation and growth, order-disorder, recrystallisation); new phases (transition phases, Widmanstatten structure, precipitated phases, matrix/new phase relationship).

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, W., and Raynor, G. V., *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).
Klug, H. P., and Alexander, L. E., *X-Ray diffraction procedures* (Wiley, 1954).

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; the electron theory of metals: quantum mechanics, electrons in periodic field, Brilouin zones, density of states, energy bands and energy levels; electrical, magnetic, thermal and mechanical properties of metals and alloys. Imperfections in crystals. Dislocation theory: edge and screw dislocations, dislocation energy, dislocation motion (slip and climb), plastic deformation, dislocation mobility and multiplication, dislocation interactions.

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).

Wert, C. A., and Thomson, R. M., *Physics of solids* (McGraw-Hill, 1964).

Wilson, A. H., *The theory of metals* (C.U.P., 1953).

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* (Cleaver-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).

985. Accounting Mathematics I.

Pre-requisite subject: General Mathematics.

Concurrent subject: Accountancy I.

One hour lecture and one hour tutorial a week throughout the year on the following topics:

MATHEMATICS OF FINANCE: Simple and compound interest, annuities, amortisation and sinking funds, bonds, probability and mortality tables, life annuities and life assurance.

STATISTICS: Sources and collection of data, probability and probability distributions, sampling procedures, linear regression and curve fitting, correlation, construction and use of index numbers, time series analysis.

PRACTICAL WORK: Use of accounting machines.

Text-books:

Ayres, F., *Schaum's outline of theory and problems on mathematics of finance* (Schaum).

Yamane, T., *Statistics—An introductory analysis* (Harper and Row).

Reference book:

Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill).

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 laboratory 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, chemical and mechanical properties and engineering uses of ceramic materials (clay products, refractories, cement, glass, abrasives), polymers (plastics, rubbers), fuels (conventional and nuclear), explosives, lubricants (liquid, semisolid, solid, synthetic), protective coatings (organic, inorganic, metallic), electrical materials (semiconductors, ferrites), wood; water treatment.

The laboratory work, 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).

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 each week for three terms dealing with the theory and practice of the operations and processes of the treatment of ores and minerals.

PRACTICAL WORK: Three hours each week for two terms of experiments designed to illustrate the principles of the operations and processes of mineral treatment.

SEMINAR: Three hours each week for one term devoted to the study of current mineral processing practice.

Reference books:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

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).

Klassen, V. I., and Mokrousov, V. A., *An introduction to the theory of flotation* (Butterworth, 1963).

Brown, G. G., *Unit operations* (Wiley, 1956).

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:

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. II, 2nd edition (Wiley 1959).

Reference books:

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Smith, S. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics*, 2nd edition (McGraw-Hill, 1959).

Azaroff, L. V., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1963).

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).

989. Programming.

Pre-requisite subject: General Mathematics.

The course consists of one lecture and two tutorials a week on the following topics:

History of computation, number systems and conversion, characteristics and design of computer systems, basic techniques of programming, diagnostic programming, language and program systems, development and use of program library, time-sharing for computers, interface techniques, computer operating systems, practical programming of problems in various program and language systems.

Text-book:
Will be announced later.

990. Mineral Engineering I.

Pre-requisite subjects: Geology I or IA.

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.

A mining trip may be arranged.

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: Mineral Engineering I; Mathematics I (Engineering); Applied Mathematics (T); Mechanical Engineering I (T); Hydraulics (T); Structures IA (T); Physics B (Engineering).

Pre-requisite or concurrent subjects: Civil Engineering A (Min); Structures IIA (T).

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.

A mining trip or a visit to an oil rig may be arranged.

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.

Excursions to localities of special interest may be arranged.

Text-book:

McKinstry, H. E., *Mining geology* (Prentice-Hall).

Reference books:

Additional references will be given by the lecturer.

994. Numerical Mathematics I.

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics II (T). Programming may be taken concurrently.

The course consists of three lectures and one tutorial a week on the following topics:

Table making and interpolation, finite difference and elementary operator theory, solution of algebraic equations, linear algebraic equations, numerical differentiation and integration, relaxation techniques, statistical calculations, evaluation of functions, series and polynomials, differentiation and integration,

numerical solutions of ordinary differential equations, difference equations with constant coefficients, orthogonal polynomials and curve fitting, practical computing using desk machines and automatic computers.

Text-book:

Stanton, R. G., *Numerical methods for science and engineering* (Prentice-Hall).

Reference books:

Booth, A. D., *Numerical methods* (Butterworth).

National Physical Laboratory, *Notes on applied science, No.* 16—*Modern computing methods.*

995. Statistics.

Pre-requisite subjects: Applied Mathematics II (T); and Accounting Mathematics I.

The course consists of three lectures and one tutorial a week on the following topics:

Statistics and parameters of distributions, hypothesis testing, least square theory, analysis of variance, design of experiments, bivariate distributions, applications of statistics.

Text-book:

Mode, E. B., *Elements of statistics* (Prentice-Hall).

Reference books:

Paradine, C. E., and Rivett, B. H. P., *Statistics for technologists* (Prentice-Hall).

Weatherburn, C. E., *A first course in mathematical statistics* (C.U.P.).

Birnbaum, Z., *Introduction to probability and mathematical statistics* (Harper).

Hoel, P. G., *Introduction to mathematical statistics.*

996. Numerical Mathematics II.

Pre-requisite subjects: Statistics; and Numerical Mathematics I.

The course consists of three lectures and one tutorial a week on the following topics:

Numerical integration, numerical solution of differential equations, relaxation methods, smoothing of data, harmonic analysis, approximations, error analysis, least squares methods, Monte Carlo techniques.

Practical computing and programming of programs in numerical mathematics.

Text-books:

Will be announced later.

997. System Analysis.

This subject may be taken only in the fourth year of the course and consists of two lectures and two tutorials a week on the following topics:

Analysis and description of systems, flow charting, decision tables, matrix analysis of data flow, data processing system design, O and M techniques, file structures and processing, error detection and correction techniques, introduction to information theory, automatic control, data acquisition and display, communications, E.D.P. system equipment, development and implementation of data processing systems, control and costing of systems, and operation of E.D.P. systems.

Text-books:

To be announced later.

998. Principles of Business and Industry B.

The course consists of two hours of lectures throughout the year.

Outline of Australian Society—Commonwealth and States; relationships between governments; functions of executive and administration, the nature of government incomes and expenditure.

The form and structure of enterprises:—

Government Departments and public utilities—broad outline of the form and functions of government departments and public utilities and their relation to the community; sources of finance.

Private sector—forms of business organization; sole trader, partnership, companies; the nature of limited liability, the various methods of financing business enterprise including the functions of the stock exchange and covering—

(1) capital—ordinary and preference shares.

(2) borrowing—debentures, unsecured notes, mortgages, hire purchase, lease finance, bank overdraft, trade credit.

(3) internal finance—retained profits, funds from depreciations and other provisions; the gearing ratio of a company.

(4) evolution of business entities; present day amalgamations and takeovers; holding and subsidiary companies; evaluation of shares and stock.

The development of different methods of trading within the business sector with special reference to credit; institutional developments—finance companies, hire purchase, etc.; other services—insurance.

An introduction to the law of contracts, principal and agent, sale of goods, cheques. Consideration will also be given to the status, functions and legal responsibilities of company directors and officers, and public servants.

The internal organization of government departments and private enterprises; functional lines of authority and responsibility; nature and purposes of internal reports.

An introduction to finance with reference to the control of investment in inventories and other assets, and the effects of decisions in these areas and in respect of depreciations.

Text-books:

Hilton, K. D. (ed.), *Slater's mercantile law in Australia* (Pitman).
Paish, F. W., *Business finance* (Pitman).
Sinclair, D. A., *Basic business principles.*

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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.

FIRST YEAR.

201. General Mathematics.

221. General Physics.

231. Chemistry I.

270. 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.

Text-books:

Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

Vogel, A. I., *A textbook of quantitative inorganic analysis* (Longmans).

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.

Text-books:

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry* (Macmillan), *or*

Moore, W. J., *Physical chemistry* (Longmans).

Biochemistry:

Sugars, polysaccharides, lipids, proteins, purines, pyrimidines, nucleotides and nucleic acids, biological oxidations, preservation and transfer of energy, energy-yielding metabolic pathways, biosynthetic pathways.

Text-books:

West, E. S., and Todd, W. R., *A textbook of biochemistry*.

Harper, H. A., *Review of physiological chemistry* (Lange).

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 Physics, 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.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).
British Pharmaceutical Codex (Pharmaceutical Press).
Bentley, A. O., *Text book of pharmaceutics* (Baillière, Tindall and Cox).
Martin, A. N., *Physical pharmacy* (Lea and Febiger).
Martindale, W. H., *The extra pharmacopoeia,* vol. I (Pharmaceutical Press).

Reference books:

Husa, W. A., *Pharmaceutical dispensing* (Mack).
Martindale, W. H., *The extra pharmacopoeia,* vol. II (Pharmaceutical Press).

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.

Text-book:

Fairbrother, R. W., *A text-book of bacteriology* (Heinemann).

Reference books:

Stainer, R. Y., and others, *The microbial world* (Prentice-Hall).
Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

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.

Text-book:
Ramstad, E., *Modern pharmacognosy* (McGraw-Hill).

Reference book:
Bernfeld, P., *Biosynthesis of natural compounds* (Pergamon).

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 carotenoids; 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.

Text-books:
Albert, A., *Selective toxicity* (Wiley).
Badger, G. M., *The chemistry of heterocyclic compounds* (Academic Press).
Cross, A. D., *Introduction to practical infra-red spectroscopy* (Butterworth).
Ewing, G. W., *Instrumental methods of chemical analysis* (McGraw-Hill).

Reference books:
Dixon, M., and Webb, E. C., *Enzymes* (Longmans).
Sexton, W. A., *Chemical constitution and biological activity* (Spon).

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.

Text-books:
Those listed for Pharmaceutics I, and in addition:
Sykes, G., *Disinfection and sterilisation* (Spon).

Reference books:
Alexander, A. E., and Johnson, P., *Colloid science* (O.U.P.).
Cowan, S. T. (Ed.), *The strategy of chemotherapy* (C.U.P.).

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.

TIME TABLES

FOR 1965

TIME-TABLES FOR 1965
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
1	Ancient History	11	—	—	11	—
2	Latin I — Day	11†	11	11†	—	11
	Night	5.15-6.15	—	—	5.15-7.15	—
3	Latin II	11**	12	—	11**, 12	—
6	Latin III	11***, 12**	12	12**	11***, 12	—
10	Elementary Greek	§	§	§	§	§
11	Greek I	—	9	—	9	—
13	Greek II	11*	10	—	10, 11*	—
16	Greek III	—	10	—	10	—
17	Comparative Philology	5.15	—	—	5.15	—
21	English I — Day	—	12	—	—	12
	Night	—	5.15	—	—	5.15
23	English II — Odd Years	—	5.15	—	—	5.15
	Even Years	—	11	—	—	11
26	English III — Odd Years	—	11	11	—	11
	Even Years	—	5.15	5.15	—	5.15
25, 28	Old and Middle English I and II	≠	≠	≠	≠	≠
31	French I — Day	—	10	10	—	10
	Night	—	6.15	6.15	—	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	—	10	11	11	—
46	German III — Day	9	—	9	9	—
	Evening	6.15-8.15	—	6.15	—	—
45	German IIB	—	—	4.15	4.15	—
48	German IIIB	—	10, 12	10	12	—
40	Science German	—	9	—	9	—
49	Honours German	—	10, 12	—	10, 12	—
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	—	9	—	—	9
	Even Years	—	6.15	—	—	6.15
63	Politics IIA — Odd Years	6.15	—	—	6.15	—
	Even Years	9	—	—	9	—
64	Politics IIB — Odd Years	9	—	—	9	—
	Even Years	6.15	—	—	6.15	—
66	Politics IIIA — Odd Years	10	—	—	10	—
	Even Years	5.15	—	—	5.15	—
67	Politics IIIB — Odd Years	—	5.15	—	—	5.15
	Even Years	—	10	—	—	10
71	Philosophy I — Day	11	—	—	11	—
	Night	—	5.15	—	—	5.15
73	Philosophy II	5.15	5.15	—	—	5.15
76	Philosophy IIIA	6.15	—	5.15	—	5.15
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.
§Times to be arranged primarily to suit Honours students in the Department of Classics.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
83	Psychology IIA—Lectures Odd Years	4.15	—	5.15	—	—
	Even Years	11	2	—	—	—
	Statistics	—	—	—	—	4.15
	Laboratory— .. Odd Years	—	—	—	4.15-7.45¶‡	—
	Even Years	—	—	—	9-12	—
84	Psychology IIB—Lectures Odd Years	11	2	—	—	—
	Even Years	4.15	—	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory .. Odd Years	—	—	—	9-12	—
	Even Years	—	—	—	4.15-7.45¶‡	—
86	Psychology IIIA—Lectures Odd Years	—	3.15	2	—	—
	Even Years	5.15	—	4.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory .. .. Odd Years	—	—	10-12	2.15-4.15	—
	Even Years	—	4.15-6.15	—	4.15-6.15	—
87	Psychology IIIB—Lectures Odd Years	5.15	—	4.15	—	—
	Even Years	—	3.15	2	—	—
	Statistics	—	—	—	—	4.15
	Laboratory .. .. Odd Years	—	4.15-6.15	—	4.15-6.15	—
	Even Years	—	—	10-12	2.15-4.15	—
91	Geography I—Lectures .. Day	—	11	—	11	—
	Night	5.15	—	5.15	—	—
	Practical (two hours)	≠	≠	≠	≠	≠
93	Geography II—Lectures Even Years	4.15	—	4.15	—	4.15
	Odd Years	10	—	10	—	10
	Practical*	—	—	—	—	Sat. 9-11
96	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical*	—	—	4.15-6.15	—	—
92	Economic Geography Even Years	—	9	—	9	—
	Odd Years	—	—	5.15	—	5.15
101	Education	≠	≠	≠	≠	≠
102	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,					
111	II, 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	≠	≠	≠	≠	≠
122‡‡	History of Education I	≠	≠	≠	≠	≠
123	Sociology of Education I					
	(Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 9.30
124	Educational Psychology I (New) ..					
	(Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 10.45
131††	Theory of Education II	—	—	—	—	—
132	History of Education II	4.45	—	—	—	—
133††	Sociology of Education II	—	—	—	—	—
134	Educational Psychology II (New) ..	—	—	—	—	4.45
135	Comparative Education	4.45	—	—	—	—
136	Music I	4, 5	—	4	—	—
137	Music II	—	3, 4	—	4	—
138	Music III	—	—	4	—	3

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

†Alternatives.
≠Times to be arranged.
††Not available in 1965.
‡‡Not available to part time students in 1965.
‡First and Second Terms only.
*Other hours to be arranged.
¶Includes ½ 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	10(A), 5.15(B)	—	12(A)	5.15(B)	—
173	Economics II..	—	—	10	—	10
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	—
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)	—	5.15	—	5.15	—
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	10(A), 5.15(B)	—	12(A)	5.15(B)	—
173	Economics II	—	—	5.15	—	5.15
176	Economics III—					
	Part A	—	—	10	—	10
	Part B (Public Finance)	—	—	—	9	—
	Part C (Economics of Labour) ..	—	10	—	—	—
	Part D (Agricultural Economics)	10	—	—	—	—
184	Economic Development I	—	10	—	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)	—	12	—	12	—
192	Commercial Law A	8.45 a.m.	—	8.45 a.m.	—	—
195	Commercial Law B	—	—	5.15	—	5.15
92	Economic Geography	—	—	5.15	—	5.15

Times for tutorial classes will be arranged at commencement of lectures.
≠Times to be arranged. (A) and (B) are alternatives.

NIGHT LECTURES IN 1965

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
23	English II	—	5.15	—	—	5.15
31	French I	—	6.15	6.15	—	6.15
46	German III	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	—
63	Politics IIA	6.15	—	—	6.15	—
67	Politics IIIB	—	5.15	—	—	5.15
71	Philosophy I	—	5.15	—	—	5.15
73	Philosophy II	5.15	5.15	—	—	—
76	Philosophy IIIA	6.15	—	5.15	—	5.15
82	Psychology IA	5.15	—	—	5.15	—
81	Psychology I	5.15	—	—	5.15	—
	Laboratory	≠	≠	≠	≠	≠
83	Psychology IIA—Lectures	4.15	—	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory	—	—	—	4.15-7.15¶‡	—
87	Psychology IIIB—Lectures	5.15	—	4.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory	—	4.15-6.15	—	4.15-6.15	—
91	Geography I—Lectures	5.15	—	5.15	—	—
	Practical (two hours)	≠	≠	≠	≠	≠
92	Economic Geography	—	—	5.15	—	5.15
96	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical††	—	—	4.15-6.15	—	—
101	Education	≠	≠	≠	≠	≠
105	Hygiene	—	—	—	—	6.15
117	Educational Psychology II	—	—	4.30	—	—
132	History of Education II	4.45	—	—	—	—
134	Educational Psychology II (New)	—	—	—	—	4.45
135	Comparative Education	4.45	—	—	—	—
171	Economics I	5.15	—	—	5.15	—
173	Economics II	—	—	5.15	—	5.15
181	Mathematics (Economics)	—	—	5.15	—	5.15
183	Economic Statistics I	5.15	—	—	5.15	—
187	Economic Development II	5.15	—	5.15	—	—
191	Elements of Accounting	—	5.15	—	5.15	—
194	Financial Accounting	—	5.15	—	5.15	—
195	Commercial Law B	—	—	5.15	—	5.15
201‡‡	General Mathematics—(Evening Class)	—	—	—	—	—
221	General Physics *and*					
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 S.A.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.

†Alternative times.

≠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					
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)
		12(C)	—	12(C)	—	12(C)
	Tutorial (1 hour)	—	—	11, 3	—	—
	Practical (3 hours)	10-1	10-1	—	2-5	10-1
			2-5			
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 (1 hr. 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(B)	2-5(A)	—	2-5(A)	2-5(B)
	SECOND-YEAR SUBJECTS					
203	Mathematics II—Lectures	9	—	9	—	9
	Tutorial	—	9(A)	—	9(B)	—
204	Pure Mathematics II—Lectures	9	9(A)	9	9(B)	9
	Tutorial	—	9(B)	—	9(A)	—
205	Applied Mathematics II—Lectures	12	12(A)	12	12(B)	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)	10-5(C)
	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)**	9-12	9-11(B)**	9-12	—

(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.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
273	Zoology II—Lectures	—	12	—	12	10††
	Practical	2-4(A)††	9-12	9-11(B)††	9-12	—
284	Biochemistry I—Lectures	9	—	9	—	9
	Practical	2-5	—	—	—	2-5
333	Physiology I—Lectures	10	—	10	—	10
	Practical	—	—	2-5	2-5	—
293	Genetics I—Part A Lectures	10	—	—	—	—
	Practical with Tutorial	—	—	2-5(A)	—	2-5(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)	≠	≠	≠	≠	≠
	THIRD-YEAR SUBJECTS					
¶¶206	Pure Mathematics III—Lectures	10	10	10	10	10
	Tutorial	≠	≠	≠	≠	≠
¶¶207	Applied Mathematics III—Lectures	9, 10	—	9, 10	—	10
	Tutorial	≠	≠	≠	≠	≠
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, 10	9	9, 10	9	—
	Tutorial	—	—	—	—	9, 10
218	Mathematical Physics B—Lectures	4	9, 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	Palaeontology—Lectures	≠	≠	≠	≠	≠
	Practical	≠	≠	≠	≠	≠
266	‡Botany III—Lectures	10	—	10	—	10
	Practical (12 hours)	—	all day†	—	all day	—
276	Zoology III—Lectures	9	2**	9	—	9
	Practical	2-5	3-5**	—	—	all day
286	Biochemistry II—Lectures	12	—	12	12	—
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical (8 hours)	all day	—	all day	—	—
336	Physiology II—Lectures	11	—	11	—	11
	Practical	—	—	—	all day	2-5
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)	≠	≠	≠	≠	≠

(A) and (B) are alternatives.
≠ Times to be arranged.
*One of these periods will be a tutorial class.
**Genetics and Evolution—First term only.
†Includes the practical session in Genetics and Evolution 2-5 p.m. in First term only.
‡Includes Mycology (given at Waite Institute).
¶One additional lecture will be held each week at a time to be arranged.
¶¶See page 1024 for special time-table for students taking both these subjects.
††First term only of Quantitative Biology, Part B of Genetics I.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
316	Psychology II (S)—					
	Lectures	5.15	3.15	2.15	—	—
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical (8 hours)	≠	≠	≠	≠	≠
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.

¶¶ (1) For students taking Pure Mathematics III and Applied Mathematics III concurrently the following timetable will apply:

206	Pure Mathematics III *and*					
207	Applied Mathematics III—					
	Lectures:					
	First and Second Terms ..	9, 10	9(A), 10, 12(B)	9, 10	9(A), 10, 12(B)	10
	Third Term	9, 10	9, 10	9, 10	9, 10	9, 10
	Tutorial (2 hours)	≠	≠	≠	≠	≠

(2) Students taking these subjects in different years must consult the Head of the Department.

FACULTY OF ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
	FIRST-YEAR COURSES					
201	General Mathematics—					
	Lectures	10	—	10	—	10
	Tutorial (2 hours)	11-1	—	—	—	11-1
		3-5	—	—	—	3-5
221	General Physics—Lectures	9	—	9	—	9
	Practical (3 hours)	—	2-5	—	2-5	—
	Tutorial	—	—	11	—	—
232	Chemistry IA Lectures	—	9	—	9	—
	Practical	—	—	2-5	—	—
471	Graphics—Lectures	—	11	—	—	—
	Practical (3 hours) ..	—	2-5	2-5	2-5	—
420	General Engineering—Lectures ..	—	12	—	—	—
966	Workshop Practice—Lectures ..	—	10	—	—	—
	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	—	9	—	9	—
	Tutorial (1 hour) ..	—	—	—	11	9
213	Mathematics I (Engineering)—					
	Lectures	12	—	12	—	12
	Tutorial (2 hours)	—	—	—	11-1	9-11
411	Physics A (Engineering)—					
	Lectures	11	—	11	—	11
	Practical (3 hours)	—	2-5	—	2-5	—
234	Chemistry IIA—Lectures	—	10	9	10	—
	Practical	2-5	—	—	—	2-5
471	Graphics—Lectures	—	11	—	—	—
	Practical (3 hours) ..	—	2-5	2-5	2-5	—
420	General Engineering—Lectures ..	—	12	—	—	—
966	Workshop Practice—Lectures ..	—	10	—	—	—
	Practical ..	1.30-4.30	1.30-4.30	—	1.30-4.30	1.30-4.30
986	Engineering Materials—Lectures ..	9	—	10	—	—
	Practical ..	—	—	2-4	—	—
	THIRD-YEAR COURSES					
406	Mechanics—Lectures	—	9	—	9	—
	Tutorial (1 hour) ..	—	—	—	11	9
407	Mathematics II (Engineering)—					
	Lectures	12	—	12	—	12
	Tutorial (1 hour)	—	12	—	12	—
412	Chemistry IIB—Lectures	—	—	11	—	—
414	Geology I (Engineering)—					
	Lectures	—	9	—	9	—
	Practical	—	—	10-12	—	—
	Tutorial	—	—	9	—	—
432	Strength of Materials—Lectures ..	—	11	—	11	—
	Practical (3 hrs.)	—	—	—	2-5	2-5
433	Surveying A—Lectures	—	—	—	—	9
	Practical	—	—	2-5	—	—
441	Electrical Engineering I—Lectures	10	—	11	—	10
	Practical	—	—	2-5	—	—
	Tutorial	11	—	10	—	—
440	Electrical Engineering S—					
	Lectures	—	10	—	10	—
	Practical (3 hours)	2-5	2-5	—	—	—
481	Process Engineering I—Lectures ..	—	—	9	—	—
	Tutorial ..	10-12	—	—	—	—
472	Engineering Drawing and Design—					
	Lectures	—	—	—	—	11
	Practical (3 hours)	2-5	—	—	—	2-5

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
475	Production Technology—Lectures	—	—	9	—	—
	Practical	—	2-5	—	—	—
986	Engineering Materials—Lectures	9	—	10	—	—
	Practical	—	—	2-4	—	—
	FOURTH-YEAR COURSES					
404	Economics (Engineering)—					
	Lectures	—	—	11	11	—
	Tutorial (1 hour)	≠	≠	≠	≠	≠
408	Mathematics III (Engineering)—					
	Lectures	—	—	9	—	9
	Tutorial	—	—	—	—	12
421	Civil Engineering I—Lectures	—	10	10	10	—
	Practical	2-5	—	—	2-5	—
422	Civil Engineering S—Lectures	—	10	10	—	—
	Practical	—	—	2-5	—	—
426	Hydraulics A—Lectures	—	11	—	—	11
	Practical	—	—	—	—	2-5
428	Hydraulics S—Lectures	—	—	—	11	—
	Practical	2-5**	—	—	—	—
430	Instrumentation—Lectures	—	—	—	—	10
	Practical	—	—	2-5	—	—
442	Electrical Engineering II—Lectures	11	—	11	10	11
	Practical	—	—	—	2-5	2-5
	Tutorial	12	—	—	12	—
440	Electrical Engineering S—Lectures	—	10	—	10	—
	Practical	2-5	—	—	—	—
446	Electronics—Lectures	—	—	—	—	10
	Practical	—	—	—	—	2-5††
461	Mechanical Engineering IA—					
	Lectures	—	12	—	12, 10†	—
	Practical	2-5	2-5*	—	—	—
462	Mechanical Engineering IB—					
	Lectures	9*	11††	—	—	11
	Practical	—	—	—	2-5	—
466	Mechanical Engineering S (C)—					
	Lectures	—	9	—	9	—
	Practical	—	2-5	—	—	—
467	Mechanical Engineering S (E)—					
	Lectures	—	9†	—	9††	—
	Practical	—	2-5††	—	—	—
468	Mechanical Engineering S (Ch)—					
	Lectures	—	9	—	9*	—
	Practical	—	2-5†	—	—	—
483	Process Engineering IIA—Lectures	12	—	—	12	—
	Practical	—	—	2-5	—	—
	Tutorial	—	—	—	—	11-1
484	Process Engineering IIB—Lectures	9	—	9	—	9
	Practical	—	—	10-1	—	2-5
	Tutorial	11	—	—	—	—
485	Process Engineering IIC—Lectures	10	—	—	—	—
	Practical	—	—	—	2-5	—
	FIFTH YEAR COURSES					
477	Engineering Management—Lectures	—	12	—	12	12
	Tutorial (1 hour)	—	—	12	11	11

Timetable for other subjects to be arranged by Heads of Departments.

* First Term only.
** Second Term only.
† First and Second Terms.
†† Second and Third Terms.
≠ Times to be arranged.

FACULTY OF AGRICULTURAL SCIENCE

1. The times for subjects in the first and second years (with the exception of Agriculture I—see paragraph 3 below) are shown under the Faculty of Science.

2. The times for the following subjects in the third and fourth years may be found under the relevant Faculty as follows:

3rd Year

Agriculture Economics (180) —see under the Faculty of Economics

4th Year

Economics II (173)
Economic Statistics I (183) } —see under the Faculty of Economics
Genetics II (296) —see under the Faculty of Science.

3. The times for Agriculture I (a second year subject) and for all other subjects in the third and fourth years of the course will be available from the Waite Agricultural Research Institute after enrolments are completed.

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)	Treatment I (Practical)*	Anatomy I (Histology)	
12	Treatment I (Practical)*	Movement I††	Treatment I (Theory)**	Treatment I (Theory)†	Anatomy I (Embryology)*
2	Physics	Anatomy I (Histology)* (Neurology) (Practical)†† (2-4)	Physiology††	Anatomy I (Histology) (Practical)* (2-4)	Treatment I† (Practical) (half the Class)
3					Treatment I† (Practical) (half the Class)
4		Physiology*		Physiology*	

*First and Second Terms. **First Term only. †Second Term only. ††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		Movement II (Theory)		Treatment II (Theory)	
12	Anatomy II	Electrotherapy I		Treatment II (Practical)	Anatomy II
1	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)		Practice of Hospital Work I at R.A.H or Q.E.H. (1-5)
2		Treatment II		Movement II (Theory)	
3		Movement II (Practical) (3-5)		Electrotherapy I (Practical) (3-5)	
4					

**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)
1.30				Movement III (Neuro-muscular re-education)	
2		Movement III (Neuro-muscular re-education)			
2.30				Treatment III	
3		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	5.15(A)	9(B), 6.15(C)	5.15(A)	9(B), 6.15(C)	—
	Practical (5 hours) ..	—	7.30-10(B)	9.30-12(A)	7.30-10(B)	—
		—	—	2.30-5(A)	—	—
511	Physics—Lectures	12	—	12	—	12
	Tutorial	—	10	—	—	—
	Practical (3 hours) ..	—	—	—	10-1	—
512	Chemistry—Lectures	—	2	—	2	2
	Practical (3 hours) ..	—	—	—	—	9-12
514	Medicine and the Humanities—					
	Lectures	3*	12**	—	—	3
	Tutorials	≠	≠	≠	≠	≠

≠Times to be arranged. *First term. **Second and Third terms.

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
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				

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	5.15(A)	9(B),	5.15(A)	9(B)	—
		—	6.15(C)	—	6.15(C)	—
	Practical	—	7.30-10(B)	9.30-12(A)	7.30-10(B)	—
	(5 hours)	—	—	2.30-5(A)	—	—

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—						
	Lectures	All	2	—	—	11	—
	Practical	All	—	—	—	1-5(A)	9-1(B)
664	History of Pharmacy ..	All	—	—	—	—	2
665	Surgical Dressings and						
	Appliances	1	4	—	—	—	—
	First Aid	2, 3	5.30(A)	—	—	—	5.30(B)

SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
671	Organic Chemistry						
	Lectures	All	3	—	3	—	—
	Practical	All	9(A)	—	9(B)	—	—
672	Practical Pharmacy, Vol.						
	Analysis and Drug Assay I—						
	Lectures	1, 2	4	—	4	—	—
	Practical	1, 2	9(B)	—	9(A)	—	—
270	Biology—Lectures	All	—	6.15	—	6.15	—
	Practical	All	—	7.30-10	—	7.30-10	—

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. Analysis and Drug Assay II—						
	Lectures	All	9.30	—	—	—	—
			11.30	—	—	—	—
	Practical	All	2.30-5.30	—	—	—	—

(A) Group A. (B) Group B.

DIPLOMA IN PHARMACY—Continued

FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
691	Practical Pharmacy and Dispensing—Lectures ..	All	—	2	9, 12	—	—
	Practical ..	All	—	9-1	—	—	—
692	Forensic Pharmacy	2, 3	—	—	—	3	—
693	Pharmacy Organisation ..	1, 2	—	—	4	—	—
		2, 3	—	—	—	9	—
694	Pure Pharmacology.. ..	All	—	4	—	4	—
695	Bacteriology	1 and part of 2	—	—	—	9-12	—
696	Nutrition	2, 3	—	—	—	12	—
697	Organic Medicinals.. ..	All	—	—	10	—	—
		part of 2 and 3	—	—	—	10	—

(A) Group A. (B) Group B.

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
720	Practice of Music I					
721	Practice of Music II					
722	Practice of Music III					
723	Theory of Music I					
724	Theory of Music II					
725	Theory of Music III					
726	Composition I					
727	Composition II					
728	Composition III					
729	Composition IV					
730	History of Music I					
731	History of Music II					
732	History of Music III					
736	Chief Practical Study I					
737	Chief Practical Study II					
738	Chief Practical Study III					
739	Chief Practical Study IV					
746	Musicology I					
747	Musicology II					
748	Musicology III					
749	Musicology IV					
757	Music in Education I		Times to be arranged			
758	Music in Education II					
759	Music in Education III					
740	Principal Study I					
743	Second Study I					
741	Principal Study II					
744	Second Study II					
742	Principal Study III					
745	Second Study III					
767	Speech Training I					
768	Speech Training II					
784	Concerto					
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					
*	Drama I		Times to be arranged			
*	Drama II					
*	Drama III					
751	Harmony I	3	—	1	—	—
752	Harmony II	2	—	—	2	—
753	Harmony III	9	—	9	—	—
754	Harmony IV	—	9	—	—	—
786	Counterpoint II	10	—	—	—	—
787	Counterpoint III	—	10	—	—	—
783	Canon and Fugue	—	11	—	—	—

*These courses are not yet available.

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
755	History of Music III (Old)	—	—	4	—	3
756	History of Music IV (Old)	—	—	10	—	—
792	Literature of Music	≠	≠	≠	≠	≠
750	Historical Studies	4. 5	—	4	—	—
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	—	—
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	—	12¶	—	—
	Laboratory	11-1	—	—	—	—
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—Lectures	—	—	—	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	—	—	—	12‡	—
845	Architectural Design & Planning IV	—	—	—	11‡	—
847	Studio Work IV††	—	—	—	—	—
	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.
†Alternative times.
¶One term only.
‡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 week-ends 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 week-ends to practical work.

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

COURSES IN TECHNOLOGY AND APPLIED SCIENCE

Particulars of time-tables for these courses may be obtained on application to the Director of Studies in the S.A. Institute of Technology (Mr. S. Williams) whose office is located in the Main Building.

CALENDAR OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1965

PART VI

GRADUATES AND ASSOCIATES OF THE UNIVERSITY

Graduates —

Past and present graduates - - - - - - - - - 1103

Graduates who have taken Honours Degrees - - - 1163

Associates of the University - - - - - - - - - 1169

THE SENATE

The Senate of the University consists of all graduates admitted to a degree of Master or Doctor and of all other graduates of the University of three years' standing. 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.

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
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) 1945
Abbie, Elizabeth Mary, B.A. - - - - - 1962
Abbot, Jeffrey John, B.Arch. - - - - 1964
Abbott, Clifford Alexander, B.Sc. - - - 1952
Abbott, Charles Anthony Lempriere, LL.B. 1947
Abbott, Derek Athol Lempriere, LL.B. - - 1950
Abbott, Geoffrey Joseph, B.E. - - - - 1921
Abbott, Howard Lockyer, B.A. - - - - 1952
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - 1943
Abbott, Nigel Basil Gresley, M.B., B.S. - 1916
Abbott, Nigel Drury Gresley, M.B., B.S. - 1944
Abbott, Warwick Donald Francis, B.Sc. - 1960
Abdul Majeed, Siti Khalsom Ruby, M.B., B.S. 1959
Abdullah, Faridah, B.Sc. - - - - - - - 1964
Abdullah, Solmi Binti, B.D.S. - - - - 1963
Abele, Charles, Ph.D. (B.Sc., 1957) - - - 1962
Abotomey, Olive Wanda, B.A. - - - - 1930
Abraham, Samuel Clifford Ethermanasingham, M.B., B.S. - - - - - - - - 1959
Ackland, Anthony William, B.Sc. - - - - 1963
Acott, Brenton, B.Sc. - - - - - - - - 1963
Adam, Campbell Paterson, B.E. - - - - 1961
Adam, Elizabeth Anderson, B.A. - - - - 1949
Adams, Anthony Charles Irvine, M.B., B.S. 1960
Adams, Arthur John Sorby, B.Sc. - - - 1926
Adams, Colin Francis, B.E. - - - - - 1934
Adams, Dorothy Sorby, M.B., B.S. - - - 1922
Adams, Douglas Charles, B.Tech. - - - 1959
Adams, Edward James Stanley, B.E. - - 1941
Adams, Graeme Sorby, M.B., B.S. - - - 1956
Adams, James Harold, B.A. - - - - - 1964
Adams, Jeremy Sorby, B.E. - - - - - 1963
Adams, John Clifford, B.Ec. - - - - 1955
Adams, John Clyde, B.E. - - - - - - 1941
Adams, Reginald Keith Sorby, M.A. (B.A., 1922) - - - - - - - - - - - 1926
Adamson, Robert MacFarlane, B.Sc. - - - 1963
Addison, Michael, M.B., B.S. (M.B., B.Ch. Witswatersrand, 1951) - - - - - - 1963
Addison, Stanley Simpson, B.Sc. - - - 1908
Adey, Colin Richard, B.Sc. (Eng.) - - - 1942
Adey, William Ross, M.D., (M.B., B.S., 1943) - - - - - - - - - - - 1949
Adlam, Kenneth Charles, B.E. - - - - 1952
Adlam, Robert Delbridge, B.A. - - - - 1957
Ah Toy, Laurence Cheong, B.Ec. - - - - 1961
Ahern, Kevin Barry, LL.B. - - - - - 1951
Ahrens, Elsie Gladys, B.A. - - - - - 1955
Ahrens, Richard Walter, B.Sc. - - - - 1960
Aistrope, Stanley Thomas, B.A. - - - - 1954
Aitchison, Erica Nancy, B.A. - - - - 1931
Aitchison, Gordon Douglas, M.E. (B.E., 1938) - - - - - - - - - - - 1952
Aitchison, Gordon James, Ph.D. (B.Sc., 1939; M.Sc., 1945) - - - - - - - - - 1957
Aitchison, Gordon John, B.E. - - - - 1927
Aitken, Ellen Raelene, B.Sc. - - - - - 1963
Aitken, Gilbert William Elliot, M.B., B.S. - 1943
Akkermans, Charles Henry, M.B., B.S. - - 1959
Albrecht, Martin Carl, B.Tech. - - - - 1964
Alcock, Dudley Horold, B.A. - - - - - 1943
Alcock, John Francis, B.Sc. - - - - - 1962
Alderman, Arthur Richard, D.Sc. (B.Sc., 1924; M.Sc., 1928) - - - - - - - - 1943
Alderman, Colin Graham, M.B., B.S. - - 1943
Aldersey, Algernon Lumley Haydon, B.Sc. 1950
Aldersey, Richard Baker, B.Sc. - - - - 1923
Aldor, Thomas Arthur Menachem, M.B., B.S. 1960
Aleksandrovics, Pavils, B.Tech. - - - - 1958
Alexander, Donald John, B.E. - - - - 1951
Alexander, Rosemary Margery Blanche, LL.B. - - - - - - - - - - - - 1935
Alexander, William Colin, B.E. - - - - 1928
Alexandravicius, Vera, B.D.S. - - - - 1954
Alksnis, Ivars Janis, M.A. (B.A., 1959) - - 1961
Allan, John Brooker, M.B., B.S. - - - 1958
Allan, Peter Thomas, LL.B. - - - - - 1962
Allard, James Thomas, B.E. - - - - - 1956
Allardice, John Graham, B.E. - - - - 1950
Allden, William George, M.A. (Cambridge, 1958) - - - - - - - - - - - 1959
M.Ag.Sc. - - - - - - - - - - - - 1961
Allen, David William, B.E. - - - - - 1954
Allen, Douglas Morris, M.B., B.S. - - - 1964
Allen, Dulce Dawn, B.A. - - - - - - - 1945
Allen, Edgar, M.A. (B.A., 1909) - - - 1913
Allen, Gordon Lewis, B.E. - - - - - 1951
Allen, Gordon Vivian, B.E. - - - - - 1936
Allen, Gwenneth Dawn, B.Sc. - - - - 1947
Allen, Henry Joshua, M.A. (B.A., 1927) - 1929
Allen, James Lawrence, B.A. - - - - - 1935
Allen, John Bernard, B.A. - - - - - 1942
Allen, John Howard, B.Sc. - - - - - 1916
Allen, Kenneth Craig, B.Ec. - - - - - 1961
Allen, Kevin Reginald, B.D.S. - - - - 1952
Allen, Leonard Nicholls, M.A. (B.A., 1926) 1933
Allen, Lois Waveney, B.A. - - - - - 1913
Allen (nee Mann), Margaret Noble, B.A. - 1927
Allen, Maxwell George, B.Sc. - - - - 1949
Allen, Mervyn Richmond, M.B., B.S. - - 1963
Allen, Michael Joseph, M.B., B.S. - - - - 1964
Allen, Murray William, B.E. - - - - - 1950
Allen, Peter Edward Marshall, D.Sc. (Birmingham, 1963) - - - - - - - - - 1964
Allen, Philip Wesley, M.B., B.S. - - - 1960
Allen, Robert John, B.Sc. - - - - - - 1962
Allen, Roy, M.B., B.S. - - - - - - - 1951
Allen, Shirley Hope, B.Sc. - - - - - - 1943
Allen, Thomas Howard, M.B., B.S. - - - 1953
Allen, William Douglas, B.Sc. - - - - 1934
Allert, Margaret Elizabeth, B.A. - - - 1950
Allison, Graham Bruce, B.Sc. - - - - - 1964
Allison, John Kenneth, B.A. - - - - - 1939
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - 1947
Almond, William Wesley, B.Sc. (Eng.) - - 1945
Alpers, John Henry, M.B., B.S. - - - - 1960
Alpers, Michael Philip, B.Sc. - - - - - 1958
M.B., B.S. - - - - - - - - - - - - 1961
Altman, Olive Stella, B.A. - - - - - - 1948
Altmann, Arthur Richard, B.E. - - - - 1920
Altmann, Frank William, M.B., B.S. - - - 1959
Altmann, Herbert Franz, M.B., B.S. - - - 1922
Alwyn, John Edward Stacey, M.B., B.S. - 1958
Ambastha, Harendra Narayan Sinha, M.Ag.Sc. 1954
Ambrose, Betty Rosslyn, M.B., B.S. - - - 1936
Ambrose, John Rosslyn, M.B., B.S. - - - 1943
Amey, Douglas John, B.E. - - - - - - 1958
Amey, Ian Frank, B.E. - - - - - - - 1959
Amey, Lloyd Ronald, B.Ec. - - - - - - 1951
Amos, George Lewis, M.Sc. (B.Sc., 1936) - 1939
Amos, Kenneth Albert, B.Sc. - - - - - 1960
Anastas, George, M.B., B.S. - - - - - 1959

Ancans, Guntis Juris, B.Tech. - - - - - - 1964
Ancell, Brian Edward John, M.B., B.S. - 1957
Andary, Dean, B.D.S. - - - - - - - 1956
Anders, Douglas John, B.Sc. - - - - - - 1936
Anders, Ralph Charles, B.E. - - - - - - 1934
Andersen, Graham John, M.B., B.S. - - - 1961
Andersen, Kerstin Lillemor, B.A. - - - 1934
Andersen, Neville Paul, LL.B. - - - - 1963
Anderson, Adrian Akhurst, B.E. - - - - - 1925
Anderson, Alan Bruce, B.Sc. - - - - - 1922
Anderson, Albert Raymond, M.B., B.S. - 1951
Anderson, Alex Gordon, B.Sc. - - - - 1953
Anderson, Alison Margaret, B.A. - - - 1937
Anderson, Aubrey James Clifton, B.A. - - 1947
Anderson, Barry Charles, B.Sc. - - - - 1962
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. - - - B.A. - - - - - - - - - - - - 1958 1959
Anderson, Graham Lancelot George, B.Sc. - 1960
Anderson, Gwendoline Mary, B.A. - - - 1933
Anderson, Ian Robert, B.Sc. - - - - - - 1963
Anderson, Isabella, B.A. - - - - - - - 1930
Anderson, Jack Sidney, M.B., B.S. - - - 1944
Anderson, John Brayton, M.B., B.S. - - 1957
Anderson, Joseph Garry, B.Tech. - - - - 1961
Anderson, Kevin, M.D. (London, 1951) - 1960
Anderson, Malcolm Webber, B.E. - - - 1955
Anderson, Margaret Jean, B.Ec. - - - - 1964
Anderson, Max Kimberley, M.B., B.S. - - 1943
Anderson, Paul Joseph, M.B., B.S. - - - 1962
Anderson, Peter, B.Tech. - - - - - - - 1964
Anderson, Peter Cameron, M.B., B.S. - - 1955
Anderson, Robert Paul, LL.B. - - - - - 1962
Anderson, Ronald Alexander, B.Sc. - - - 1948
Anderson, Sesca Ross, LL.B. - - - - - - 1941
Anderson (nee Lewis), Sylvia Hilda, M.Sc. (B.Sc., 1950) - - - - - - - - - - 1954
Anderson, William Moffat, B.E. - - - - 1920
Andrew, Brian William, B.E. - - - - 1948
Andrew, Hugh Graham, M.B., B.S. - - - 1941
Andrew, Ray Vernon, D.Litt. (Potchefstroom, 1960) - - - - - - - - - - - - 1962
Andrew, Ronald Headland, M.B., B.S. - - 1953
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - - - 1947
Andrews, Alexander James, B.Ec. - - - - 1962
Andrews, Anthony John, B.Sc. - - - - - 1963
Andrews, Francis Brian, B.E. - - - - - 1961
Andrews, James Stephen, B.E. - - - - 1964
Andrews, Jean Mary Agnes, B.A. - - - 1948
Andrews, Jennifer Ruth, B.A. - - - - 1956
Andrews, Judith Mary, B.A. - - - - - - 1957
Andrews, Julian, M.B., B.S. - - - - - - 1932
Andrews, Murray William, B.Sc. - - - - 1949
Angel, Laura Madeline, M.Sc. (B.Sc., 1931) 1938
Angel, Mary Taylor, M.B., B.S. - - - - 1931
Angley, Ronald James, M.Sc. (B.Sc., 1951) 1954
Angove (nee Clare), Dorothy Cotgrave, B.A. 1912
Angove, Roger Clare, M.B., B.S. - - - 1938
Angus, Barbara Ann, M.B., B.S. - - - 1954
Angus, William, B.Sc. (Aberdeen, 1900) - 1905
Angus, William Roy, M.B., B.S. - - - 1923
Angwin, William Britton, B.Sc. - - - - 1909
Annear, Douglas Innes, B.Sc. - - - - 1944
Annells, Ralph Edwards, B.D.S. - - - - 1951
*Annells, William Charles, M.A. (B.A., 1897) 1899
Anstey, Marie Therese, B.A. - - - - - 1961
Antcliffe, Gault Anderson, B.Sc. - - - 1959
Anthoney, Wayne Richard, B.Sc. - - - - 1961
Anthonisz, Matthew Wilfred, B.A. - - - 1955
Antoniou, Dulcie, M.B., B.S. - - - - - 1964
Apostol, Vasille Papadimitriou, LL.B. - - 1952
Appelbee, Peter Ronald, B.D.S. - - - - 1957
Appleby, Arthur George, B.E. - - - - 1923
Appleby, Cyril Angus, B.Sc. - - - - - 1949
Appleby, Harold Henry, M.B., B.S. - - 1925
Appleby, Robert William, M.B., B.S. - - 1956
Appleby Ronald Louis, B.Sc. - - - - 1950
Appleton, Brian Scott, B.Arch. - - - - 1964
Appleton, Edgar Arthur, B.A. - - - - 1949
Appleton, Joan Mary, B.A. - - - - - - 1959
Apps, Bert Frederick George, B.A. (Melbourne, 1934) - - - - - - - - - 1949
Arato, Gabor, B.D.S. - - - - - - - - 1964
Arbery, James Herbert, B.A. - - - - - - 1959
Archer, Geraldine, M.B., B.S. - - - - 1948
Archibald, Francis Callum, M.B., B.S. - - 1944
Arcus, Wesley John, B.A. - - - - - - 1953
Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931) 1934
Ardlie, Neville Gordon, M.B., B.S. - - - 1962
Ardmongon, Saksit, M.App.Sc. - - - - - 1964
Ariffin, Asiah binti, B.Sc. - - - - - - 1964
Arminas, Jurgis, B.Ec. - - - - - - - - 1962
Armstrong, Gowan, B.A. - - - - - - - 1951
Armstrong, Graeme John, B.App.Sc. (B. Tech., 1959, surrendered) - - - - 1961
Armstrong, John McDougall, Ph.D. - - - 1963
Armstrong, John Talbot, B.Tech. - - - - 1958
Arnold, Alan Ross, B.Tech. - - - - - - 1960
Arnold, Brian Kingsley, B.App.Sc. - - - 1964
Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - 1948
Arnold, Herbert Rex, B.A. - - - - - - 1956
Arnold, Maurice, B.E. (B.Sc. (Eng.), Natal, 1940) - - - - - - - - - - - - 1961
Arnold, Richard Walker, B.Sc. - - - - 1962
Arnold, Terrence Dunmore, B.Tech. - - - 1964
Arnold, William Robert, B.E. - - - - - 1948
Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - 1947
Arthur, Brian Barry, LL.B. - - - - - - 1954
Arthur, Neville Langsford, B.Sc. - - - - 1961
Arula, Kustas, B.D.S. - - - - - - - - 1956
Arya, Michael Gosit, B.Sc. - - - - - - 1952
Ash, Arthur Louis George, B.A. - - - - 1907
Ashby, Enid Lucy, B.Sc. - - - - - - - 1947
Ashby, Hazel Gwenyth, B.Sc. - - - - - 1945
Ashcroft, John, B.Ec. - - - - - - - - 1958
Ashdown, John Peter, B.Tech. - - - - - 1958
Ashenden, Dean John, B.A. - - - - - - 1964
Ashenden, Herbert John, B.Ec. - - - - - 1961
Ashenden, Leslie Edward, B.A. - - - - 1949
Ashton, Colin Baker, M.B., B.S. - - - - 1941
Ashton, Elizabeth Mary, M.A. (B.A., 1941) 1944
Ashton, Evelyn Joyce, B.A. - - - - - - 1943
Ashton, Harry Tamblyn, B.Sc. - - - - - 1930
Ashton, Joseph Everette, LL.B. - - - - 1922
Ashton, Mabel Winifred, B.A. - - - - - 1936
Ashton, Thomas James, M.B., B.S. - - - 1953
Ashwin, Charles Robin, B.A. - - - - - - 1952
Ashworth, Clarice Mabel, B.A. (Sydney, 1917) - - - - - - - - - - - - 1929
Assumpcao, Carlos Augusto Rocha d', M.B., B.S. - - - - - - - - - - - - 1956
Assumpcao, Henrique Antonio d', M.E. (B.E., 1956) - - - - - - - - - - 1962
Astley, John Felix, LL.B. - - - - - - - 1922
Astley, Michael John, LL.B. - - - - - - 1951
Aston, Donald Mervyn, LL.B. - - - - - - 1958
Aston, Morrell Kenneth, B.Sc. - - - - - 1942
B.A. - - - - - - - - - - - - - - 1947
Aston, Robert Graham, B.A. - - - - - - 1956
Atherton, Brent, B.Sc. - - - - - - - - 1964
Atkins, Joan Darlington, LL.B. - - - - 1937
Atkins, Kenneth John, B.E. - - - - - - 1955
Atkinson, Douglas Ewen, B.Sc. (Eng.) - - 1949
Atkinson, Leon Desmond, B.A. - - - - - 1960
Atkinson, Malcolm Carroll LL.M. (LL.B., 1961) - - - - - - - - - - - - 1964
Atkinson, Maurice Raymond, Ph.D. (Tasmania, 1954) - - - - - - - - - - 1960
Atkinson, Nancy, D.Sc. (M.Sc., Melbourne, 1932) - - - - - - - - - - - - 1957
Atmawidjaja, Kosasih, B.Tech. - - - - - 1961
Atrens, Dace, B.A. - - - - - - - - - - 1959
Atrens, Janis, B.E. - - - - - - - - - - 1962
Atwal, Avtar Singh, Ph.D. - - - - - - 1955
Atwell, Leslie George Danks, B.A. - - - - 1930
Auliciems, Andris, B.A. - - - - - - - - 1961
Auricht, Clive Oswald, M.B., B.S. - - - 1958
Auricht, Reginald Theodore, M.B., B.S. - 1948
Austin, Harold Lance, B.D.S. - - - - - 1952
Austin, Meredith Helen, B.A. - - - - - 1959
Au-Yong, Moh Cheng, Shirley, B.Sc. - - - 1958
Auzins, Ieva, B.Sc. - - - - - - - - - 1960
Ayliffe, Roger Wyndham, B.Sc. - - - - - 1948
Aylmore, Lance Arthur Graham, Ph.D. (B.Sc., 1955) - - - - - - - - - - 1961
Aylmore, Neville Charles, B.A. - - - - - 1959
Ayoub, Charles Salim, M.B., B.S. - - - - 1954
Ayres, Dean Esmond, M.Sc. (B.Sc. 1959) - 1963
Ayres, Neil Verner, B.Sc. - - - - - - - 1961

* Deceased.

B

Backhouse, Paul Vivian, B.E. - - - - 1950
Backstrom, Robert Peter, B.Sc. - - - - 1964
Baddams, Greta, B.A. - - - - - - - - 1940
B.Sc. - - - - - - - - - - - - 1943
Baddams, Violet Thenie, B.A. - - - 1938
Bade, Ronald Werner, M.B., B.S. - - - 1952
Badenoch, Kenneth Harry, B.Ec. - - - - 1964
Badenoch, Reginald Leslie, LL.B. - - - 1936
Badger, Colin Robert, M.A. (B.A., 1936) - 1938
Badger, Donald Gibson, B.Ec. - - - - 1937
Badger, Geoffrey Malcolm, D.Sc. (Glasgow, 1949) - - - - - - - - - - - - 1950
Badger, John Robert, M.B., B.S. - - - 1952
Badger, Robert, LL.B. - - - - - - - 1914
Badhesha, Jagdev Singh, M.B., B.S. - - - 1958
Badman, Shirley, B.Sc. - - - - - - 1945
Baghurst, Harold Charles, B.E. - - - - 1942
Bagot, Charles Hervey, M.Sc. (B.Sc., 1957) - 1961
Bagot, Edward Mead, M.A. (B.A., 1911) - 1919
Bagot, John Hervey, B.A. (Cambridge, 1930) 1931
Bagshaw, Dale Margaret, B.A. - - - - 1964
Bahr, Trevor Ross, B.E. - - - - - - 1954
Bailey, Alan Paterson, M.Ec. (B.Ec., 1948) 1952
Bailey, Colin Arthur, M.B., B.S. - - - - 1958
Bailey, Frederick Manson, B.Sc. - - - 1927
Bailey, Hubert John, M.B., B.S. - - - 1954
Bailey, Keith William, B.D.S. - - - - 1951
Bailey, Lindsay Frank, B.Ag.Sc. - - - - 1963
Bailey, Marjorie Anne Paterson, B.A. - - 1954
Baillie, Malcolm George, B.E. - - - - - 1958
Baillie, Patricia Margaret, B.Sc. - - - - 1963
Bails, John Brendon, B.E. - - - - - 1964
Bails, John Herbert, B.E. - - - - - 1951
Bain, Robert Vernon Stewart, M.Sc. - - 1953
Baker, Arthur James Kendall, B.A. - - 1914
Baker, Colin John, B.E. - - - - - - 1964
Baker, Donald Montgomery, B.E. - - - 1955
Baker, Glenys Anne, B.A. - - - - - - 1963
Baker, Irving Noel, M.Sc. (B.Sc., 1953) - 1955
Baker, Ralph Alderton, M.B., B.S. - - 1912
Baker, Reginald John, B.A. - - - - - 1964
Baker, Richmond Jeffrey B.Sc. - - - - 1961
Baker, Robert Morgan, B.Ag.Sc. - - - 1940
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, Jeffrey William, B.Ag.Sc. - - - - 1964
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 Kalliopi, 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
Barkham, Nigel Frederick, B.Tech. - - - - 1964
Barlow, Arthur John, B.Sc. - - - - - - 1949
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.Ec. - - - - - 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.Ec. - - - - - 1959
Barrett, Beverley Noelle, B.A. - - - - - 1960
Barrett, Harold John, B.A. - - - - - - 1956
Barrett, Judith Eleonor, B.Sc. - - - - - 1964
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
Barrien, 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.Ec. - - - - - - 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 Aunger, B.Ec. - - - - 1951
Basson, Alfred Graham, B.Ag.Sc. - - - - 1960
Basten, Antony, M.B., B.S. - - - - - - 1964
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

* Deceased.

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
Baumanis, Ilona Yvonne, LL.B. - - - - 1964
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
Bayer, David, B.E. - - - - - - - - - 1964
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 Grose, 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. - - - 1958
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
Beauchamp, Geoffrey Peter, B.Sc. - - - 1964
Beaumont, Gordon Dean, M.B., B.S. - - - 1959
Beaumont, Olive Sowter, B.A. - - - - 1939
Beaumont, Paul Charles, B.A. - - - - 1921
Beck, Alan Beavis, M.Sc. (B.Sc., 1930) - - 1932
Beck, Kevin Charles, B.Sc. - - - - - 1957
Beck, Lynette Marion, B.Sc. - - - - - 1964
Beck, Malcolm John, B.Sc. - - - - - 1964
Beck, Merlin Benjamin, B.Ag.Sc. - - - 1949
Beck, Robert George, B.Ag.Sc. - - - - 1941
Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956) - - - - - 1959
Beckwith, Ralph Symonds, B.Sc. - - - 1944
Beckwith, Shirley Katie, B.A. - - - - 1939
Bednall, Brian Herbert, B.Sc. - - - - 1925
Bednall, David Maurice, LL.B. - - - - 1953
Bednall, Ian William Gordon, B.E. - - - 1958
Bednall, Maurice William, LL.B. - - - 1924
Bee, John Broadhurst, B.Ec. - - - - - 1964
Beech, Ernest Robert, M.B., B.S. - - - 1932
Beech, Margaret Doris, B.Sc. - - - - 1952
Beecham, Anthony Frank, B.Sc. - - - 1950
Beer, Barbara Helen, M.B., B.S. - - - 1956
Beer, Donald Robert, B.A. - - - - - - 1961
Begg, Barbara Rosemary, B.Sc. - - - - 1947
Begg, Betty Shannon, M.B., B.S. - - - 1949
Begg, Malcolm William, M.B., B.S. - - 1956
Begg, Percy Raymond, B.D.S. (Melbourne, 1924) - - - - - - - - - - 1932
D.D.Sc. - - - - - - - - - - - 1935
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered) - - - - - - - - - 1918
Behrens, Dietrich Wilhelm Frido, B.A. - - 1960
Behrndt, Arthur Clive, M.B., B.S. - - - 1948
Beilby, Bruce Parnell, B.E. - - - - - 1952
Beilby, Jack Canavan, M.B., B.S. - - - 1956
Bell, Donald George, B.A. - - - - - - 1941
Bell, Franklyn Gilbert, M.B., B.S. - - - 1949
Bell, Thomas Norman, Ph.D. (Durham, 1957) 1959
Bellchamber, Kenneth Charles, B.Ec. - - - 1963
Belleli, Rebecca, B.A. - - - - - - - 1964
Beltrame, Gino Ernest, B.E. - - - - - 1957
Bender, Jill Margaret, B.A. - - - - - 1954
Beniulis, Julius, B.E. - - - - - - - 1963
Benjaminson, Albert, B.E. - - - - - 1951
Bennett (nee Berriman), Annie Stevens, B.A. 1919
Bennett, Brian Thomas, B.Sc. - - - - - 1963
Bennett, Charles Gordon, B.A. - - - - 1922
Bennett, David John, B.Sc. - - - - - 1932
Bennett, Donald Collier, M.B., B.S. - - 1946
Bennett, Donald John, B.E. - - - - - 1954
Bennett, Floyd Chester, B.A. - - - - 1951
Bennett, Frederick Norman, B.A. - - - 1905
Bennett, Graham Leslie, M.B., B.S. - - 1935
Bennett, Gregory William, B.Sc. - - - - 1961
Bennett, Henry Trevor, LL.B. - - - - 1950
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957) - - - - - - - - 1958
Bennett, John Barkly, M.B., B.S. - - - 1947
Bennett, John Henry, Ph.D. (Cambridge, 1952) - - - - - - - - - - - 1957
Bennett, John Nelson, LL.B. - - - - 1944
Bennett, Keith McQuarrie, B.E. - - - 1925
Bennett, Malcolm Gordon, B.A. - - - - 1958
Bennett, Mary Gilmour, B.Sc. - - - - 1951
Bennett, Richard Barkly, M.B., B.S. - - 1948
Bennett, Richard Clayton, M.B., B.S. - - 1954
Bennett, Thomas Southall, B.A. - - - 1933
Bennett, William Barkly, M.B., B.S. - - 1956
Bennetts, Ian Burns, B.A. - - - - - - 1964
Bennier, Donald John, B.E. - - - - - 1951
Benskin, Frederick George, M.A. (Oxford, 1900) - - - - - - - - - - - 1923
Benson, Colin John, M.B., B.S. - - - - 1953
Benson, Maurice Bernard, B.A. (London) - 1950
Benson, Richard Neville, M.B., B.S. - - - 1953
Benson, William Herbert, M.B., B.S. - - 1951
Bent, Bernard Henry, B.E. - - - - - - 1964
Bentley, Alan, M.B., B.S. - - - - - 1953
Bentley, Barbara Claire, B.A. - - - - - 1964
Bentley, John Donald, B.A. - - - - - 1951
Bentley, William James, B.A. - - - - 1935
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - 1949
Beretka, Julius Gyula, M.Sc. - - - - - 1962
Berndt, Kenneth Lewis, B.Sc. - - - - 1937
B.A. - - - - - - - - - - - - - 1943
Berndt, Margaret Burgoyne, B.A. - - - - 1962
Berriman, Ian Palmer, B.E. - - - - - 1955
Berriman, Peter Souter, B.Sc. - - - - 1954
Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered) - - - - - - - - - 1919
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
Berryman, Donald Wilson, B.Tech - - - 1962
Berryman, Maurice James, B.E. - - - 1956
Bert, Ernest Julius, B.E. - - - - - - 1921
Besanko, Patricia June, B.A. - - - - - 1964
Bessant, Dorothy Elizabeth, B.A. - - - 1952
Best, Effie Deland, B.Sc. - - - - - - 1953
Best (nee Deland), Effie Wyllie, M.Sc., (B.Sc., 1926) - - - - - - - - 1930
Best, Michael Robert, B.A. - - - - - 1961
Best, Rupert Faraday, B.Tech. - - - - 1960
Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927) - - - - - - - - - 1948
Bested, Gordon John, B.A. - - - - - 1942
Betcher, Kelvin Bernard, M.B., B.S. - - - 1961
Betheras, Frank Rex, M.B., B.S. - - - - 1957
Bettison, Irvine James, B.A. - - - - - 1961
Bettison, Margaret Selina, B.A. - - - - 1949
Bettison, Suzanne, B.A. - - - - - - - 1964
Betts, Beatrice Berenice, B.A. - - - - 1933
Betts, William James, M.B., B.S. - - - 1941
Bevan, Arthur Reginald, M.Sc. (Sydney, 1949) - - - - - - - - - - - - 1960
Bevan, Medhurst Llewellyn Willett, LL.B. - 1931
Bevan, Rosalind Mary Willett, LL.B. - - 1959
Beven, Raymond Harold, B.Sc. - - - - 1962

* Deceased.

Beverley, David William Ernest, B.E. - 1951
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - 1947
Beviss, Archibald Charles Kidman, B.A. - 1943
Bhavilai, Rawi, M.Sc. - - - - - - 1952
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932) 1944
Bice, Christine Margaret, B.A. - - - - 1964
*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920) - - - - - - - - 1920
Bickerton, Ian James, B.A. - - - - - - 1961
Bickford, Reginald Nevill Cudmore, M.B., B.S. - - - - - - - - - - 1935
Biddle, Enid Barbara, B.A. - - - - - 1948
Biddle, Gordon Crawford, B.Sc. - - - 1950
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939) - - - - - - - - - - - 1958
Biele, Keith William, B.Ec. - - - - 1952
Bienert, Gunter Horst, B.Sc. - - - - - 1960
Bieske, Elaine Alison, B.Sc. - - - - - 1962
Biezaitis, Laima Asja, B.Sc. - - - - - 1963
Biggins, George Edward, B.E. - - - - 1960
Bigham, Donald Alexander, B.Sc. - - - - 1963
Billing, Robert Heaton, B.Ec. - - - - 1960
Billinghurst, Harry, B.E. - - - - - - 1954
Billinghurst, Onslow Chestle, B.E. - - - B.Ec. - - - - - - - - - - - 1958 1963
Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943) - - - - - - - - - - - 1952
Bills, Allan Maynard, B.A. - - - - - 1931
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - - - - 1949
Bills, David Charles, B.Sc. - - - - - 1950
Bills, Lawrence McAusland, LL.B. - - 1937
Bills, Malcolm Bruce, B.D.S. - - - - 1947
Bilney, Gordon Neil, B.D.S. - - - - - 1962
Bilney, Neil Joseph, B.A. - - - - - - 1938
Bilton, Anthony Herbert, M.B., B.S. - - - 1958
Binks, Jennifer Anne, B.A. - - - - - 1962
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923) - - - - - - - - - - - 1937
Birch, John Bright, M.B., B.S. - - - - 1915
Birch, Louis Charles, D.Sc. (M.Sc., 1941) - 1949
Birchall, Nicholas John Wardlaw, LL.B. - 1956
Bird, Alan Francis, M.Sc. - - - - - - 1955
Bird, Peter Allan, B.A. - - - - - - - - 1958
Birdseye, Sydney Alick, M.B., B.S. - - 1951
Birks, Peter Macintyre, M.B., B.S. - - - 1934
Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957) - - - - - - - - - - - 1960
Birks, Walter Gordon, M.B., B.S. - - - - 1937
Birks, Walter Richard, B.Sc. - - - - - 1910
Birrell, Archibald Novar, B.E. - - - - - 1957
Bishop, Anthony Ralph, LL.B. - - - - - 1961
*Bishop, John, Mus.Doc. (D.Mus., Melbourne, 1963) - - - - - - - - - - - 1964
Bishop, John Neil, B.Ec. - - - - - - 1958
Bishop, Lyall Everard, B.Tech. - - - - 1964
Bishop, Michael Marriott, B.E. - - - - 1960
Bishop, Peter Joseph, B.E. - - - - - - 1962
Bishop, Robert Raymond, B.Sc. - - - - 1963
Biswas, Samarendra Nath, Ph.D. - - - 1958
Bitmead, Francis Vincent, B.A. (Western Australia, 1949) - - - - - - - - - 1960
Bittner, Anita, B.A. - - - - - - - - 1956
Black, Andrew Barham, B.Med.Sc. - - - M.B., B.S. - - - - - - - - - - 1963 1964
Black, Edward William, Mus.Bac. - - - 1925
Black, Eustace Couper, M.B., B.S. - - - B.A. - - - - - - - - - - - - 1910 1957
Black, Ian Donald, B.A. - - - - - - - 1964
Black, James Foster Barham, B.E. - - - 1955
Black, Nancy Helen Barham, M.B., B.S. - 1951
Black, Robert Barham, M.B., B.S. - - - 1963
Blackburn, Sir Charles Bickerton, B.A. - 1893
Blackburn, Harold Stewart, M.B., B.S. - 1942
Blackburn, John Stewart, B.A. - - - - 1914
Blackburn, Margaret Alison, B.A. - - - 1951
Blackburn, Richard Arthur, B.A. - - - 1939
Blackburn, Robert Stewart, B.D.S. - - - 1941
Blackburn, Suzanne Burton, M.B., B.S. - 1948
Blackburn, Trevor Robert, B.Sc. - - - - 1964
Blacket, Alison Flora, B.A. - - - - - 1954
Blacket, Arthur Howard, B.A. - - - - 1927
Blacket (nee Dickinson), Edith Grace, B.A. - 1926
Blacket, Margaret Edith Wilmot, B.A. - - 1960
Blackman, Betty Grace, B.Sc. - - - - - 1963
Blackman, Lynette Nancy, B.A. - - - - 1960
Blackmore, Gerda, B.A. - - - - - - - 1958

Blackwell, Muriel, B.A. - - - - - - - - 1954
Blackwell, Philip Walter, B.Sc. - - - - 1964
Blades, James Frederick, B.A. - - - - - 1947
Blaess, Frank Haydn, B.A. - - - - - - 1964
Blaess, Frederick John Henry, M.A. (B.A., 1938) - - - - - - - - - - - 1943
Blaess, Ronald Frederick, B.A. - - - - 1943
Blagrove, Robert John, B.Sc. - - - - - 1964
Blair, David Scott, B.E. - - - - - - - 1949
Blair, Joan Scott, B.A. - - - - - - - 1949
Blair, Ruth Margaret, B.A. - - - - - - 1951
Blake, Alastair Joseph, B.Sc. - - - - - 1962
Blake, Milton Audley, B.Sc. - - - - - - 1923
Blake, Richard Scott, B.Sc. - - - - - 1964
Blakeway, Lionel Norman, B.A. - - - - 1948
Blanch, Beverley Ruth, B.Sc. - - - - - 1956
Blanden, Robert Vincent, B.D.S. - - - - 1961
Blandy, Charles William Douglas, B.E. - - 1963
Blandy, Richard John, B.Ec. - - - - - - 1961
Blanksby, John William, B.Sc. - - - - - 1961
Blanksby, Peter Ernest, B.Sc. - - - - - 1964
Blaskett, Alan Charles, B.Sc. - - - - - 1950
Blaskett, Donald Reginald, B.E. - - - - 1940
Blaskett, Kenneth Selway, B.E. - - - - 1931
Blaskett, Malcolm John, B.E. - - - - - 1959
Blaskett, Sydney Norman, B.E. - - - - - 1928
Bleby, David John, LL.B. - - - - - - - 1963
Bleby, Dorothy Aileen, B.A. - - - - - - 1930
Bleby, Gordon Edward Henry, LL.B. - - - 1931
Bleby, John Raymond, B.A. - - - - - - 1933
Bleby, Thelma Evelyn, LL.B. - - - - - 1923
Blesing, Neville Victor, B.Sc. - - - - - 1962
Blesing, Rae Flora, B.A. - - - - - - - 1947
Blight, John Malcolm, B.Sc. - - - - - - 1950
Blight, Thomas David, B.Sc. - - - - - - 1951
Bloomfield, Allan John, B.D.S. - - - - - 1939
Bloomfield, Denis Alexander, M.B., B.S. - 1956
Bloomfield, Jack Lee, B.Ec. - - - - - - 1943
Blown, William Baker, B.E. - - - - - - 1930
Blum, John, B.D.S. - - - - - - - - - 1955
Boas, Isaac Herbert, B.Sc. - - - - - - 1899
Boase, Judith Mary, B.Sc. - - - - - - 1964
Bockman, David, M.B., B.S. - - - - - 1959
Bodmer, Noel Frederick John, M.B., B.S. - 1955
Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949) - 1955
Boehm, Jack, LL.B. - - - - - - - - - 1952
Boehm, Rolfe Vernon, B.E. - - - - - - 1935
Boehm, Walter Gotthilf, B.A. - - - - - 1953
Boehmer, Sonya Anita, B.A. - - - - - - 1964
Boer, Edward Douglas, M.B., B.S. - - - 1942
Boeree, Robert Machiel, Ph.D. - - - - 1964
Boettcher, Barry, B.Sc. - - - - - - - 1962
Bogner, Robert Eugene, M.E. (B.E., 1956) 1959
Bolin, Beverley Louise, B.E. - - - - - 1948
Bollen, Derek Willoughby, LL.B. - - - - 1951
Bollen, Kenneth Willoughby, M.B., B.S. - 1918
Bollen, Michael Dean, M.B., B.S. - - - - 1963
Bollen, Peter Willoughby, B.Sc. - - - - 1957
Bolt, Janet, B.A. - - - - - - - - - - 1961
Bond, Leonard Gordon, B.A. - - - - - 1924
Bond, Roy Douglas, B.Tech. - - - - - 1958
Bone, Maxwell Harold, B.A. - - - - - - 1938
Bonig, Alois Otto, B.A. (Melbourne, 1959) - 1961
Bonner, Brian Christopher, B.Sc. - - - M.B., B.S. - - - - - - - - - - - 1950 1957
Bonner, Helen Marjorie, B.A. - - - - - 1964
Bonnin, James Arthur, M.D. (M.B., B.S. 1946) - - - - - - - - - - - - 1955
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936) 1947
Bonnin, Lansell, M.B., B.S. - - - - - 1941
Bonnin, Murray Frew, LL.B. - - - - - B.A. - - - - - - - - - - - - - 1936 1947
Bonnin, Noel James, M.S. (M.B., B.S., 1932) 1944
Bonython, Charles Warren, B.Sc. - - - 1938
Bonython, John Langdon, B.A. (Cambridge, 1928) - - - - - - - - - - - - 1928
Bonython, Richard Martin, B.Ag.Sc. - - 1957
Booker, Robert Franklin, M.A. (B.A., 1927) 1933
Boomer, Robert Garth, B.A. - - - - - - 1962
Boomsma, Clifford David, M.Sc. (B.Sc., 1946) 1949
Boon, Kwong Kah, B.E. - - - - - - - 1959
Boord, Frederick Hughes, B.A. - - - - - 1956
Boord, Leslie, B.E. - - - - - - - - - 1953
Booth, Edward Stirling, B.Sc. - - - - - 1932
Booth, Jean Marie, Mus.Bac. - - - - - 1944
Borchardt, Mary Pauline, B.A. - - - - - 1961
Borick, Kevin Vincent, LL.B. - - - - - 1959
Borland, Francis Thomas, M.A. (Melbourne) 1952
Boros, Peter George, B.E. - - - - - - 1959

* Deceased.

Borrow, Keith Travers, LL.B. - - - - 1939
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937) - - - - - - - - - 1947
Bosher, Peter Abel, B.E. - - - - - - - 1950
Bosher, Victor James Marcel, M.Sc. (B.Sc., London) - - - - - - - - - - - 1949
°Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931) - - - - - 1938
Both, Ross Andrew, B.Sc. - - - - - 1960
Botham, John Robert, B.Ag.Sc. - - - - 1950
Botten, Robert Gray, M.B., B.S. - - - 1949
Bottrill, Dean Edward, B.Ag.Sc. - - - - 1961
Bottroff, Peter Jeffrey, B.E. - - - - - 1964
°Boucaut, James Penn, LL.B. - - - - - 1939
Boucaut, William Ray Penn, B.Sc. - - - 1958
Boundy, Clive Alfred Paul, B.E. - - - 1935
Boundy, Rex, B.E. - - - - - - - - 1923
Boundy, William Stevenson, B.Sc. - - - 1950
Bourke, Elma Marie, B.A. - - - - - 1933
Bourke, Herbert Merwin, M.B., B.S. - - 1922
Bourne, Malcolm Cornelius, B.Sc. - - - 1949
Bowden, John Gilmore, B.Sc. - - - - 1954
Bowden, Kevin Benjamin, B.E. - - - - 1951
Bowden, Wallace Auckland, M.B., B.S. - 1953
Bowen, Graeme Philip, B.E. - - - - - 1964
Bowen, Maurice Emanuel, LL.B. - - - 1956
Bower, Cathy Hilary, B.A. - - - - - 1952
Bowering, Beryl, M.B., B.S. - - - - - 1933
Bowering, Douglas Charles, M.B., B.S. - 1954
Bowering, Michael Lester Wheatley, LL.B. 1964
Bowering, Owen James Wheatley, B.Sc. - - 1964
Bowering, Owen Wheatley, M.B., B.S. - 1937
Bowes, Colin Robert, B.Sc. - - - - - 1945
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945) - 1948
Bowes, Keith Russell, M.A. (B.A., 1955) - 1958
Bowey, Allan Edgar, B.Sc. - - - - - 1953
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - 1949
Bowey, Ross Richard, M.B., B.S. - - - 1948
Bowler, John Kirkpatrick, M.B., B.S. - - 1937
Bowles, John Raymond, B.Sc. - - - - 1961
Bowness, Alexander, B.Ec. - - - - - 1947
Bowyer, Donald Albert, B.E. - - - - 1957
Bowyer, Richard Dean, B.Tech. - - - - 1964
Box, David Richard, B.Tech. - - - - - 1962
Boyce, Althea Enid, B.A. - - - - - 1930
Boyce, Colin John, B.Arch. - - - - - 1962
Boyce, Kevin Gilbert, B.Ag.Sc. - - - - 1964
Boyce, Malcolm Herbert, B.Tech. - - - 1960
Boyce, Peter James, B.Tech. - - - - - 1960
Boyce, Robert William, B.E. - - - - 1954
Boyce, Sidney Herbert, B.E. - - - - - 1928
Boyd, Ashley James, B.Sc. - - - - - 1960
Boylan, Francis Eugene, LL.B. - - - - 1953
Boyle, Kevin William, B.E. - - - - - 1940
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) 1947
Boyley, Maxwell John, B.E. - - - - - 1964
Brabham, Roy Andrew, B.E. - - - - 1956
Bracken, Maurice John, B.A. - - - - 1947
Bradbury, James Samuel, B.Tech. - - - 1960
Braddock, Lyall Arthur, B.Ec. - - - - 1944
Braddock, Roger David, B.Sc. - - - - 1964
Braden, Allan Walter Horace, B.Sc. - - 1947
Bradley, James, B.Tech. - - - - - - 1959
Bradley, Michael Charles, M.A. (B.A., 1955) 1960
Bradtke, Walter John, M.B., B.S. - - - 1960
Bragg, Sir William Lawrence, B.A. - - - 1908
Braham, Henry Arnold Collyer, B.A. - - 1959
Brain, Patricia Ethel, M.B., B.S. - - - 1957
Brame, Alan John Fisher, B.E. - - - - 1951
Bramwell, Myra Gladys, B.A. - - - - 1940
Brand, Ian Allen George, M.B., B.S. - - 1957
Brandstater, Bernard John, M.B., B.S. - - 1951
Brandstater, Rhona, B.Sc. - - - - - - 1949
Branford, Basil Luke, B.Ec. - - - - - 1964
Branford, John Andrew, B.Tech. - - - 1960
Branford, Neil Leslie, B.Ec. - - - - - 1959
Branson, Colin William, B.Ec. - - - - 1953
Branson, Dean Martin, M.B., B.S. - - - 1955
Branson, Harrold Randolph, M.B., B.S. - 1921
Branson, Kenneth George, B.Ec. - - - - 1961
Branson, Robert James, B.Ec. - - - - 1962
Branson, Rodman Wayne, B.E. - - - - 1964
Brasch, Leonard William, B.Sc. - - - 1950
Brauer, Arne, B.Ec. - - - - - - - - 1960
Brauer, Edwin Harold, B.A. - - - - - 1947
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - - - - - - - - 1905
Brauer, Thomas, B.Tech. - - - - - - - 1959
Braunsthal, Norman Frank, B.Ec. - - - 1947
Brawn, May, M.A. (B.A., 1922) - - - 1924
Bray, Andrew Mackie, M.E. (B.E., 1950) - 1960
Bray, Elva Mildred, B.A. - - - - - - 1941
Bray, Gildart Harvey, M.A., (Aberdeen, 1890) 1891
Bray, Isabel Mary, B.Sc. - - - - - - 1951
Bray, John Jefferson, LL.D. (LL.B., 1932) - 1937
Bray, John Marmion, B.Sc. - - - - - 1942
Bray, Kenneth William Arthur, M.A. - - - 1962
Bray, Robert Stow, B.Sc. - - - - - - 1942
Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928) - - - - - - - - - 1930
Bray, William Harry, LL.B. - - - - - 1951
Brazel, James Francis, LL.B. - - - - 1926
Brazier, John Richard, B.A. - - - - - 1948
Breakey, Angus James, B.E. - - - - - 1953
Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931) - - - - - - - - - 1939
Brealey, Keith Lisle, B.Sc. - - - - - 1951
Brearley, Maurice Norman, Ph.D. - - - 1958
Brebner, Charles Ross, LL.B. - - - - 1954
Brebner, Donald Malcolm, LL.B. - - - 1951
Bree, Ellen Ruth, B.A. - - - - - - - 1942
Bree, Joan Alison, B.Sc. - - - - - - 1948
Brennan, Maxwell Howard, Ph.D. (Sydney, 1958) - - - - - - - - - - - - 1964
Brentnall, George Rex, M.B., B.S. - - - 1953
Bretag, Allan Hugo, B.Sc. - - - - - - 1964
Brett, Horace William Walter, Ph.D. (B.Sc., 1951) - - - - - - - - - - - 1957
Brett, Peter Robin, B.Sc. - - - - - - 1956
Breynard, Keith Beaumont, B.E. - - - 1956
Brice, Annette, B.A. - - - - - - - - 1954
Brice, Emilie Una, B.A. - - - - - - - 1937
Brice, Helen Elizabeth, B.Sc. - - - - 1953
Brice, John Marshall, B.Sc. - - - - - 1951
Brideson, Hedley Cyril, B.A. - - - - 1943
Bridge, Kennedy James, B.A. - - - - - 1959
Bridgewater, Franklin Herbert Griffin, M.B., B.S. - - - - - - - - - - - - 1963
Bridgland, Milton Deane, B.Sc. - - - - 1942
Bridgland, Reginald James, M.E. (B.E., 1930) 1935
°Brigden, James Bristock, B.A. (Oxford, 1920) 1926
Briggs, Basil Hugh, Ph.D. (Cambridge, 1952) 1963
Bright, Charles Hart, B.A. - - - - - 1934
LL.B. - - - - - - - - - - - - - 1934
Brimage, Robert Frederick, M.B., B.S. - - 1964
Brindal, Rosemary Barbara, M.B., B.S. - 1949
Brindal, William Harley, B.D.S. - - - 1956
Brinkworth, Peter Charles, B.A. - - - - 1964
Brisbout, John Augustus Roger, M.B., B.S. 1950
Brissenden, Alan Theo, Ph.D. (London, 1962) - - - - - - - - - - - - - 1963
Broadbent, Eric Elihu, M.B., B.S. - - - 1917
Broadbent, Henry Neil Gribble, B.E. - - 1952
Broadbent, Ian Nicholas, M.B., B.S. - - 1954
Broadbridge, Leonard William, B.Sc. - - - 1963
Broadfoot, Kenneth Davidson, B.E. - - - 1954
Brock, Brian James, B.Sc. - - - - - - 1961
Brock, Erland Jeffrey, B.A. - - - - - 1955
Brock, Rex Richard Ashby, M.B., B.S. - 1949
Brock, Robert John, B.E. - - - - - - 1955
Brockhoff, John Ashleigh, B.Sc. - - - - 1956
Brockhurst, Peter John, B.Tech. - - - - 1959
Brocksopp, John Ernest, LL.B. - - - - 1934
Brockway, George Ernest Emerson, B.Sc. - 1921
Broinowski, Helen Mary, M.B., B.S. - - 1962
Broinowski, Richard Philip, LL.B. - - - 1962
Brokensha, Peter, B.E. - - - - - - - 1950
Brokenshire, Alan Richard, B.Sc. - - - 1962
Bromfield, Donald Hamilton, M.B., B.S. - 1946
Bronner, Rudolph, M.A. (B.A., 1912) - - 1926
Brook, Donald Leslie, B.E. - - - - - 1949
Brook, John Oliver, B.Sc. - - - - - - 1962
Brook, Richard John, B.Sc. - - - - - 1956
Brook, Robert Renk, B.Sc. - - - - - 1962
Brooke, Anthony Lackington, B.Sc. - - - 1964
Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935) - 1939
Brooke, Malcolm Archibald, B.E. - - - 1925
°Brooke, Peter Michael, B.E. - - - - - 1958
Brooke, William Charles Robert, B.E. - - 1931
Brooker, John Owen, B.Sc. - - - - - - 1963
Brooker, Murray Ian Hill, B.Ag.Sc. - - - 1957
Brookman, Benjamin Edward, M.B., B.S. - 1944
Brookman, Beverley Paquita, B.Sc. - - - 1963
Brookman, Graham George, B.E. - - - 1949

° Deceased.

Brookman, John Gordon, B.E. - - - - 1937
Brookman, John Ragless, M.E. (B.E., 1913) 1925
Brooks, Brian John, B.E. - - - - - - 1951
Brooks, Bruce Allen, B.E. - - - - - 1960
Brooks, Colin Charles, B.Sc - - - - - 1959
Brooks, David Gordon, B.Tech. - - - - 1963
Brooks, David Stirling, M.E. (B.E., 1955) - 1958
Brooks, George Herbert, B.Sc. (Eng.) - - 1943
Brooks, Hector Buckland, B.Ag.Sc. - - - 1954
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943) - - - - - - - - - - - - 1955
Brooks, James Alfred, B.Sc. - - - - - 1952
Brooks, Jennifer Ann, B.Sc. - - - - - 1963
Brooks, Joyce Dardanella, B.A. - - - - 1945
Brooks, Merle Olive, B.A. - - - - - 1947
Brooks, Mervyn Leslie, B.Sc. - - - - 1948
Brooks, Richard Rodney, B.E. - - - - 1935
Broomhead, Edwin Norman, M.A. (B.A., 1938) - - - - - - - - - - - - 1940
Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910) - - - - - - - - - 1931
Brougham, John Harvey, B.E. - - - - 1960
Broughton, Rodney Whitfield-Smith, B.E. - 1953
Brous, Michel, M.B., B.S. - - - - - - 1945
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - - - - - - - - - 1926
Brown, Barry Lloyd, B.Tech. - - - - 1964
Brown, Cyril Maitland Ash, B.A. - - - 1932
Brown, Denis Hackett, M.Sc. (B.Sc., 1960) 1964
Brown, Donald Edgar, B.A. - - - - - 1954
Brown, Dougal Hamilton, B.E. - - - - 1948
Brown, Enid Norma, B.A. - - - - - 1939
Brown, Ernest William, D.Sc. (Cambridge, 1897) - - - - - - - - - - - - 1914
Brown, Frederick George, B.A. (London, 1898) - - - - - - - - - - - - 1906
B.Sc. - - - - - - - - - - - - - 1910
Brown, Garry Leslie, B.E. - - - - - - 1964
Brown, Garth Raymond, B.Ag.Sc. - - - 1961
Brown, Graham Barrett, B.E. - - - - 1952
Brown, Geoffrey Frank, B.Sc. - - - - 1952
Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946) 1961
Brown, Geraldine Whittle, B.Sc. - - - 1949
Brown, Henry, M.A. (B.A., 1920) - - - 1924
B.Ec. - - - - - - - - - - - - 1936
Brown, Howard Arthur, B.E. - - - - - 1938
Brown, Ian, B.Sc. - - - - - - - - - 1940
Brown, James Howard, M.B., B.S. - - - 1944
Brown, Jennifer May, M.B., B.S. - - - 1957
Brown, Joan, B.Sc. - - - - - - - - - 1954
Brown, John Arthur Stacy, B.Sc. - - - 1951
Brown, Judith Eileen, M.Sc. (B.Sc., 1954) - 1961
Brown, Kenneth Aylesbury, B.D.S. - - - 1950
Brown, Kenneth Barnden, M.B., B.S. - - 1942
Brown, Laurence Binet, Ph.D. (London, 1954) 1958
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - - - 1948
Brown, Margaret, M.B., B.S. - - - - - 1956
Brown, Mary Home, B.Sc. - - - - - - 1902
Brown, Maurice William, M.B., B.S. - - 1954
Brown, Norman, B.A. - - - - - - - - 1952
Brown, Raymond George, Ph.D. (Birmingham, 1956) - - - - - - - - - - 1959
Brown, Raymond George, B.Sc. - - - - 1960
Brown, Reginald Dutton, B.Ec. - - - - 1945
Brown, Richard Archibald, B.E. - - - 1954
Brown, Robert Foster, LL.B. - - - - 1936
Brown, Roger Norman, Ph.D. (B.Sc., 1952) 1959
Brown, Ross Alvarez, M.B., B.S. - - - 1951
Brown, Tasman, M.D.S. (B.D.S., 1950) - 1963
Brown, Trevor Anthony, B.Tech. - - - - 1962
Brown, Warwick Day, B.Sc. - - - - - 1944
Browne, Christopher Mervyn, B.Ec. - - - 1964
Browne, Francis Geoffrey, B.Tech. - - - 1960
Browne, Noel John, M.B., B.S. - - - - 1953
Browne, Patrick Anthony, LL.B. - - - - 1963
Browne, Philip, M.A. (B.A., 1920) - - - 1928
Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951) - - - - - - - - - - - 1959
Brownhill, Michael Harrington, B.Sc. - - 1964
Browning, Thomas Oakley, Ph.D. (B.Sc., 1949) - - - - - - - - - - - 1951
Bruce, Clifford Roy, B.A. - - - - - - 1949
Bruce, Robert Lake, B.Tech. - - - - - 1960
Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, LL.D. (Cambridge, 1923) - - - - - - - - 1926
Bruer, Michael Jeffrey Gartrell, B.A. - - - 1960

Brummit, Donald William, M.B., B.S. - - 1938
Brummit, Peter Elliott, M.B., B.S. - - - 1957
Brummit, Robert, M.B., B.S. - - - - - - 1955
Brunt, Maureen Doris, B.Ec. (B.Com., Melbourne, 1951) - - - - - - - - - - 1960
Bryan, Claude John Dennis, M.B., B.S. - 1950
Bryan, Peter Kaye, M.B., B.S. - - - - 1954
Bryant, Kenneth Hyett, M.B., B.S. - - - 1955
Bryant, Kevin Harry John, B.Sc. - - - 1962
Bryce, Eric Albert, Mus.Bac - - - - - - 1962
Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - 1948
Bryson, Helen Anne, B.A. - - - - - - 1963
Bubela, Bohdan, B.Sc. - - - - - - - - 1961
Bubner, Kenneth Max, B.A. - - - - - - 1962
Buchan, Howard James, B.Sc. (Sydney, 1950) 1955
Buckley, Joseph Edward, B.Sc. - - - - - 1950
Buckett, Reginald Clement, B.E. - - - - 1931
Buesing, Kuno Wilhelm Nicolaus, B.A. - - 1964
Buick, Ross Raymond, B.Tech. - - - - - 1962
Buick, William George, B.A. - - - - - 1956
Bulbeck, Francis Paul, B.E. - - - - - 1951
Bull, Anthony James, B.Sc. - - - - - - 1964
Bull, Frank Bertram, B.E. (B.Sc., London, 1937) - - - - - - - - - - - - 1953
Bull, Patricia Anne, B.Sc. - - - - - - 1964
Bull, Winnifred, B.A. - - - - - - - - 1943
Bullas, Leonard Raymond, M.Sc. (B.Sc., 1953) - - - - - - - - - - - - 1957
Bulling, William John, B.E. - - - - - 1939
Bullock, John Hynam, B.E. - - - - - - 1936
Bulkeley, Robert Ion Pierston, B.A. - - - 1962
Bumbieris, Veneta, B.A. - - - - - - - 1964
Bundey, David Hamilton, B.E. - - - - - 1951
Bundey, John Goode, M.B., B.S. - - - - 1947
Bunbrock, William John, B.E. - - - - - 1952
Bungey, Lloyd Morris, B.Sc. - - - - - 1964
Bungey, Roger Saunders, B.Sc. - - - - 1952
Bunney, Bronte Rowland, B.Sc. - - - - 1951
Bunney, Judith Anne, B.A. - - - - - - 1956
Burchett, Kemeri Ann, LL.B. - - - - - 1953
B.A. - - - - - - - - - - - - - 1954
Burchmore, John William, M.B., B.S. - - 1959
Burdett, John Charles, LL.B. - - - - - 1951
Burdett, John Francis, M.Ag.Sc. - - - - 1964
Burdon (nee McRostie), Ella Kate, B.A. - 1915
Burdon, Geoffrey Jasper, B.E. - - - - 1949
Burdon, Ivor Leslie, B.A. - - - - - - 1943
Burdon, Kenneth Roy, M.B., B.S. - - - 1949
Burdon, Roy Stanley, D.Sc. (B.Sc., 1916) - 1935
Burfield, Arthur, B.A. - - - - - - - - 1934
Burfield, Brenton Graham, B.D.S. - - - 1959
Burfield, Geoffrey Donald, M.B., B.S. - - 1962
Burfield, Lance Samuel, B.E. - - - - - 1940
Burford, Edward Brian, B.E. - - - - - 1960
Burford, John Roland, B.Ag.Sc. - - - - 1961
Burford, Mary Jill, B.Sc. - - - - - - 1957
Burford, Noel Lindsay, B.Sc. - - - - - 1963
Burford, Robert Royce, B.Sc. - - - - - 1955
Burford, Warren Lindsay, B.Sc. - - - - 1945
Burger, Geoffrey John, B.A. - - - - - - 1963
Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927) - - - - - - - - - 1940
Burgess, Annie Frances, B.A. - - - - - 1909
Burgess, John Albert, B.E. - - - - - - 1957
Burgess, Leslie Frank, B.Sc. - - - - - 1908
Burgess, Norman Cecil, B.E. - - - - - - 1923
Burgess, Richard John, B.D.S. - - - - - 1956
Burgoyne, Leigh Alexander, B.Ag.Sc. - - 1962
Buring, Franz Maurice, B.E. - - - - - 1923
Buring, Rupert Hermann Maurice, B.Sc. - 1929
Burke, Philip Damien, B.Sc. - - - - - - 1958
Burleigh, Eric Charles, M.A. (Bristol, 1951) 1956
Burley, Henry Thomas Augustine, B.Ec. - - 1962
Burley, Simon Peter, B.Sc. - - - - - - 1959
Burnard, David Alexander, Mus.Doc. (Mus.Bac., 1927) - - - - - - - - 1932
Burnard, Donald Frank, B.E. - - - - - 1935
Burnard, Ian Robert, B.Sc. - - - - - - 1960
Burnard, Patricia de Garis, B.A. - - - 1938
Burnard, Renfrey Gershom, M.B., B.S. - - 1904
Burnard, Richard de Garis, M.B., B.S. - - 1937
Burnard, Robin, B.A. - - - - - - - -- 1960
Burnard, Sally Margaret, B.A. - - - - - 1962
Burnard, William Frank, B.Sc. - - - - 1952
Burnell, Arthur William, M.B., B.S. - - - 1943
Burnell, Reginald George, B.A. - - - - 1905
Burnell, Richard Hugh, M.B., B.S. - - - 1960

Burnett, Baltimore Edward Thackeray, B.A. 1937
Burnett, Ian Brandwood, LL.B. 1958
Burnett, Leonard Ward, B.E. 1949
Burnett, Margaret Joy, B.A. 1963
Burnham, Mary Elizabeth, B.A. 1951
Burns, Chester Arnold, B.D.S. 1929
Burns, Clement Aylesbury Colin, M.B., B.S. 1954
Burns, Erica Marian, B.Sc. 1955
Burns, John Cumming, B.D.S. 1926
Burns, Marjorie Ruth, B.A. 1952
Burns, Mary Leonora, M.A. (B.A., 1928) 1931
Burns, Peter James Stedman, M.B., B.S. 1954
Burns, Richard John, M.B., B.S. 1960
Burnside, James Patrick, B.Sc. 1950
Burr, Michael, M.B., B.S. 1962
Burrage, Betty Dalmahoy, B.Sc. 1944
Burrell, Edward Sampson, B.D.S. 1940
Burrow, Allan Lincoln John, B.Sc. 1937
Burrow, John Francis, B.D.S. 1951
Burston, Robin Archibald, M.B., B.S. 1943
Burtmanis, Egils, B.Sc. 1963
Burton, Alice Madge, M.A. (B.A., 1928) 1931
Burton, Dudley Hopetoun, B.A. 1938
Burton, Graham Frank, B.Sc. 1963
Burton, Janet Elizabeth, LL.B. 1959
Burton, Maxwell Victor, B.Ag.Sc. 1950
Burton, Nancy Glen, B.A. 1932
Burton, Patrick Andrew, M.B., B.S. 1956
Burton, Peter, B.E. 1955
Burvill, George Henry, M.Ag.Sc. (B.Sc. (Agric.), Western Australia, 1931) 1939
Burvill, Peter Walter, M.B., B.S. 1957
Bury, Carol Rosemary, B.A. 1962
Bush, Lilian, M.A. (Edinburgh, 1933) 1953
Busuttil, Emanuel John, B.Tech. 1960
Butcher, Alan Edward, B.A. 1931
Butcher, Ian Robert, B.E. 1957
Butement, William Alan Stewart, D.Sc. 1961
Butler, Deirdre Brigid, B.Sc. 1953
Butler, Frederick Stanley, M.A. 1893
Butler, James Mortimer, B.Sc. 1951
Butler, Joan Hilary, B.Sc. 1954
Butler, Kathleen Fiona, B.A. 1944
Butler, Pamela Margaret, B.Sc. 1956
Butler, Peter Forsythe, M.Ag.Sc. (B.Ag.Sc., 1947) 1951
Butler, Randal St. John Michael, M.B.,B.S. 1954
Butler, Reginald Graham, B.A. 1963
Butler, Stuart Thomas, M.Sc. (B.Sc., 1945) 1948
Butler, William Henry, B.Sc. 1931
Butler-Nixon, Grahame Gordon, LL.B. 1956
Butterfield, Anthony William, B.Sc. 1964
Butterworth, Boyd Robert, M.B., B.S. 1951
Butterworth, Clarence Gerald Roy, B.A. 1929
Butterworth, David John, B.Sc. 1952
Butterworth, Geoffrey Noel, B.E. 1958
Butterworth (nee Foster), Helen Lesley, M.Sc. (B.Sc., 1948) 1954
Butterworth, Peter Walter, B.E. 1951
Buttery, Roland Richard, LL.B. 1924
Buttery, Ronald Gordon, Ph.D. (B.Sc., 1952) 1956
Buttfield, Andrew Holden, B.Tech. 1963
Buttfield, Ian Holden, M.B., B.S. 1963
Button, Reginald Ernest, B.E. 1934
Buttrose, Ian, LL.B. 1918
Buttrose, Mark Sinclair, M.Sc. (B.Ag.Sc., 1956) 1959
Buttrose, Stroma, B.A. 1955
Buxton, Gordon Leslie, B.A. 1962
Buxton, John Balfour, B.Sc. 1957
Byles, Baldur Unwin, B.Sc. 1925
Byrne, Alfred Dudley, M.B., B.S. 1927
Byrne, Bernadette Marie Therese, B.A. 1950
Byrne, Maurice John, B.Ag.Sc. 1962
Byrne, Osman Roy, Ph.D. (B.Sc., 1958) 1963
Byrne, Peter Noel, B.Ag.Sc. 1952
Byrne, William Creedon, B.A. 1954
B.Ec. 1960

C

Cahalan, Maurice James, B.Sc. (Eng.) 1945
Cain, Francis Michael, B.A. 1962
Caines, Jennepher Ellen, B.A. 1958
Caldecott, Donald Maxwell, B.Tech 1961
Caldecott, Stanley John, B.Tech. 1960
Calder, David Everard, B.E. 1949
B.Ec. 1963
Calder, David William, B.A. 1964
Calder, Ian Campbell, B.Sc. 1962
Calder, Rex Finlayson Cormack, B.E. 1927
Calder, Ronald Rex, B.E. 1950
Calder, Shirley Hilda, M.B., B.S. 1950
Calderwood, John Douglas, LL.B. 1960
Caldicott, Emma Victoria, B.A. 1927
Caldicott, William James Hughes, M.B., B.S. 1963
Caldwell, Hilda Valmai, B.Ec. 1941
Callaghan, John Phillip, B.A. 1952
LL.B. 1953
Callaghan, Kerry Allan, M.B., B.S. 1963
Callow, Donald Frederick William, B.Tech. 1960
Callus, Francis Arthur, B.Sc. 1954
Cambrell, Gregory Keith, B.E. 1964
Camens, Ivan Maurice Henry, M.B., B.S. 1947
Cameron, Alexander Scott, M.B., B.S. 1964
Cameron, Cyril Thomas Murray, M.B., B.S. 1954
Cameron, Donald Ewen, B.Ec. 1958
Cameron, Duncan James, M.B., B.S. 1957
Cameron, Ian Edmund, LL.B. 1950
Cameron, Robert Alastair, B.E. 1961
Cameron, Roy James, M.Ec. (B.Ec., 1948) 1951
Campbell, Allan Gordon, M.S. (M.B., B.S., 1938) 1950
Campbell, Allan Peter, B.Sc. 1961
Campbell, Archibald Duncan, B.A. 1955
Campbell, Archibald Herbert, B.A. 1925
Campbell, Archibald Way, M.B., B.S. 1896
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889) 1889
Campbell, Donald, LL.B. 1911
Campbell, Florence Way, Mus.Bac. 1897
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) 1947
Campbell, George McClelland, B.D.S. 1956
*Campbell, Gordon Cathcart, B.A. 1906
LL.B. 1909
Campbell, Ian Duncan, B.E. 1955
Campbell, Ian George, M.B., B.S. 1953
Campbell, Jessie, B.A. 1908
Campbell, Jessie, B.A. 1929
Campbell, John Arthur, M.Sc. (B.Sc., 1961) 1964
Campbell, John Duncan, M.B., B.S. 1964
Campbell, Kenneth Bruce Desmond, B.E. 1931
Campbell, Kevin Desmond, B.Tech. 1958
Campbell, Robert Dean, B.Sc. 1961
Campbell, Thomas Draper, D.D.Sc., (B.D.S., 1921) 1923
D.Sc. 1939
Canaway, Geoffrey Watson, B.E. 1951
Cann, Melvyn Roy, Mus.Bac. 1963
Cannell, Cedric James, B.Sc. 1931
B.A. 1943
Cannell, John Kingerley, B.E. 1959
Canning, Albert Edward, B.E. 1949
Canning, Ronald George, B.Sc. 1962
Cannon, Jean Agnes, B.Sc. 1964
Canny, Kevin Francis, LL.B. 1953
Canny, Nicholas Joseph, B.Sc. 1947
Cant, Alistair McKinnon, B.A. 1939
Cant, Alister Bevan McKinnon, M.B., B.S. 1962
Cant, Elizabeth Laurence McKinnon, B.Sc. M.B., B.S. 1962
*Cant, Harry Arundale, B.Sc. 1924
Cant, Isobel Brown, B.A. 1954
Cant, Rodney Revett, B.Ag.Sc. 1949
Cantlon, Bryon Ernest Charles, B.Tech. 1959
Canty, Donald Charles, B.Tech. 1964
M.D. 1964
Capon, Ian Nicholas, B.Sc. 1957
Carapetis, Steve, B.Tech. 1958
Carasso, Alfred Samuel, B.Sc. 1960
Carden, David, M.B., B.S. 1953
Carey, Edward John, B.Ec. 1946
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906) 1924
Carey, Gerald David, B.Ec. 1958
Carey, John Gilbert, B.Sc. 1954
Carman, Robert Douglas, M.S. (M.B., B.S., 1939) 1948
Carman, Stephen Hewett, LL.B. 1936
Carmen, Noel Francis, B.A. 1947
Carmichael, Donald Ross, B.A. 1950
Carmichael, Graeme Galloway, M.B., B.S. (M.B., B.Ch. Cambridge, 1954) 1963
M.D. 1964
Carmichael, Keith Ernest, B.E. 1963
Carne, Alfred George, B.A. 1912
Carne, Ian Hamilton, B.E. 1940

* Deceased.

Carney, John Malcolm, M.B., B.S. - - - 1962
Carney, Paul Graham, M.B., B.S. - - - 1964
Carpenter, James Alfred, Ph.D. (W.A., 1962) 1963
Carr, Emma Lucy, B.A. - - - - - - - 1917
Carr, Peter Morris, B.Ag.Sc - - - - - 1964
Carr, Robert Edward, B.Ec. - - - - - 1962
Carraill, Robert Murray, B.Ag.Sc. - - - 1958
Carroll, Mary Philomena, B.A. - - - - 1933
Carruthers, Alfred Lloyd Harvey, B.Ec. - 1957
Carruthers, Stewart Ross, B.Tech. - - - 1961
Carter, Alan Norval, M.Sc. - - - - - 1954
Carter, Alexander John, B.Sc. - - - - 1957
Carter, Charles Robert, B.Sc. - - - - 1947
Carter, Colin Leslie, B.Sc. - - - - - 1964
Carter, Edward Diment, B.Ag.Sc. - - - 1949
Carter, Elijah, LL.B. - - - - - - - - 1957
Carter, Elizabeth Reay, B.A. - - - - - 1942
Carter, Frank Killingbeck, B.Sc. - - - 1922
Carter, Graham Elliot, LL.B. - - - - 1961
Carter, Ian Dan, M.B., B.S. - - - - - 1952
Carter, Ida Jane, B.A. - - - - - - - 1918
Carter, Maurice Vernon, Ph.D. (B.Ag.Sc., 1951, M.Ag.Sc., 1957) - - - - - - - 1964
Carter, Maxwell John, B.Sc. - - - - - 1948
Carter, Melville Lionel, M.B., B.S. - - - 1953
Carter, Peter John, B.E. - - - - - - - 1964
Carter, Rodney Frederick, M.B., B.S. - - - 1959
Carthew, Allen Rex, B.Sc. - - - - - - 1949
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - 1947
Carthew, John, B.E. - - - - - - - - 1952
Carthew, Lancelot, B.A. - - - - - - - 1932
Cartledge, Jack Pickering, LL.B. - - - 1921
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - 1947
Casals, Joel Canonigo, B.E. - - - - - 1960
Casey, Bryan Anthony, B.Sc. - - - - - 1964
Cashin, Ronald James, B.Tech. - - - - 1960
Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929) 1938
Cashmore, George Herbert, M.B., B.S. - 1927
Cashmore, Gillian Frances, B.A. - - - 1960
Cashmore, Helen Patricia, B.A. - - - - 1948
Casling, Reginald Herbert, B.E. - - - - 1951
Casson, Leslie Frank, M.A. (B.A., 1925) - 1928
Casson, Paul Bevis, B.Sc. - - - - - - 1935
Castle, Edgar Woods, B.A. - - - - - - 1952
Castle, Robert Norman, M.B., B.S. - - - 1953
Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957) - - - - - - - - - 1959
Catcheside, David Guthrie, D.Sc. (London) 1952
Catchlove, Sydney George Leyland, M.B., B.S. - - - - - - - - - - - - - 1907
Catchpole, Bernard Newman, M.D. (Manchester, 1959) - - - - - - - - - 1960
Catchpoole, John Roger, M.Sc. (B.Sc., 1952) 1964
Catford, Geoffrey William, B.A. - - - - 1959
Cathro, Keith James, Ph.D. (B.E., 1954) - 1957
Cattrall, Robert Walter, B.Sc. - - - - 1957
Causby, Donald James, B.E. - - - - - - 1950
Caust, David Kennings, M.B., B.S. - - - 1946
Caust, Leslie James, M.B., B.S. - - - - 1954
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - - - - - - - - - 1931
Cavenett, Brian Clifford, B.Sc. - - - - 1960
Cawdle, Robert Ferris, B.E. - - - - - 1951
Cawte, Frederick George Nelson, B.A. - - 1943
Cawte, John Ewart, M.D. (M.B., B.S., 1949) 1961
Cawthron, Edward Robert, B.Sc. - - - 1963
Cellier, Kevyn Meylan, B.Sc. - - - - - 1955
Chadwick, Maxwell Clarence, B.Tech. - - 1963
Chai, Hon-Chan, M.A. (B.A., 1959) - - - 1961
Chalklen, Gwendoline Elizabeth, B.A. - - 1930
Chalklen, Roland John, B.A. - - - - 1956
Chalmers, Ainsley Howard, B.Sc. - - - 1962
Chamberlain, Dawn, B.A. - - - - - - - 1962
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - - - - - - - - - 1922
Chambers, Gordon Manson, M.B., B.S. - - 1957
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - 1933
Chan, Chee Wah, M.E. (B.E., 1959) - - - 1963
Chan, Kong Lam, M.B., B.S. - - - - - 1956
Chan, Man Fai, B.D.S. - - - - - - - - 1963
Chan, Sau Kam, Mary Bernadette, M.B., B.S. 1960
Chan, Shun Chi, B.D.S. - - - - - - - 1964
Chan, Siew Hung, B.E. - - - - - - - 1964
Chan, Wah Tim, Henry, B.E. - - - - - 1960
Chandler, Arthur James, M.B., B.S. - - 1927
Chandler, Bruce Stanford, B.Sc. - - - - 1962
Chandler, Claire Elizabeth, B.A. - - - - - 1962
Chandler, Graham Standford, B.Sc. - - - - 1961
Chandran, Saravanamuthu, M.B., B.S. - - 1959
Chant, Barry Mostyn, B.A. - - - - - - 1960
Chantrill, David Ross, B.Tech. - - - - 1963
Chaplin, Denis Howard, B.Tech - - - - 1959
Chapman, Ann, B.A. - - - - - - - - - 1964
Chapman, Arthur Horsley, B.E. - - - - 1927
Chapman, Denise Alcon, B.A. - - - - - 1960
Chapman, Ernest Stirling, B.D.S. - - - 1928
Chapman, Fay Horsley, B.Sc. - - - - - 1961
Chapman, Frank Hewett, LL.B. - - - - 1930
Chapman, Gilbert Wesley, M.B., B.S. - - 1955
Chapman, John Marsden, B.A. - - - - - 1934
Chapman, John Pearce, Mus.Bac. - - - - 1960
Chapman, Peter Noel, B.D.S. - - - - - 1952
Chapman, Phillip John, M.B., B.S. - - - 1963
Chapman, Stanley Bertram, B.Sc. - - - 1931
B.E. - - - - - - - - - - - - - - 1934
Chapman, William Glanville, B.E. - - - 1935
Chappel, Shirley Joan, B.A. - - - - - - 1959
Chappell, John Francis, B.E. - - - - - 1952
Chappell, John Graham, B.Sc. - - - - - 1950
Chappell, William Thomas, M.B., B.S. - - 1953
Chapple, Alfred, B.Sc. - - - - - - - - 1894
Chapple, Barry Edwin Exon, B.Sc. - - - 1964
Chapple, Colin Frederic, M.B., B.S. - - 1936
Chapple, Harold, B.Sc. - - - - - - - - 1900
Chapple, Phoebe, B.Sc. - - - - - - - - 1898
M.B., B.S. - - - - - - - - - - - - - 1904
Chard, June Myra, M.B., B.S. - - - - - 1947
Charlesworth, George Harvey, B.A. - - - 1953
Charlesworth, Jennifer Joy, B.A. - - - - 1964
Charlesworth, Thomas William, M.A., (B.A., 1925) - - - - - - - - - - - - 1932
Charnock, John Stewart, Ph.D. (B.Sc., 1956) 1962
Charter, Brian, B.E. - - - - - - - - - 1958
Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950) 1953
Chase, Brian Collison, B.E. - - - - - - 1956
Chau, Kai Kin, B.D.S.- - - - - - - - 1964
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
Cheek, Donald Brook, M.D. (M.B., B.S., 1947) - - - - - - - - - - - - - 1953
Cheek, Nancy Olive, M.B., B.S. - - - - 1942
Cheeseman, Andrew Walford, B.A. - - - 1959
Cheesman, Graham Frank, M.B., B.S. - - 1946
Chellew, Thelma Loraine, B.Sc. - - - 1954
Chenell, John Gordon Peake, B.Sc. - - - 1951
B.Tech. - - - - - - - - - - - - - 1962
Cheney, Kevin, M.B., B.S. - - - - - - 1956
Cheng, Chung Kwong, Peter, B.D.S. - - - 1962
Cheng, Mee Chooi, B.Sc. - - - - - - - 1964
Cheong, Choong Kong, B.Sc. - - - - - 1963
Cherry, Aileen Percival, B.A. - - - - 1934
M.B., B.S. - - - - - - - - - - - - 1949
Cherry, Edward Percival, M.B., B.S. - - 1938
Cherry, Robert James, B.Tech. - - - - 1960
Chesney, David Alexander, B.Sc. - - - 1954
B.A. - - - - - - - - - - - - - - 1957
Chester, Harry Leonard, M.B., B.S. - - 1925
Chester, Leonard Raymond, B.Sc. - - - 1951
Chesterman, Harry Martin, B.E. - - - 1950
Cheug Hok Hoi, B.D.S. - - - - - - - 1961
Cheuychit, Pradit, Ph.D. - - - - - - - 1964
Chew, Chong Kan, M.B., B.S. - - - - 1957
Chia, Ah Bah, B.Sc. - - - - - - - - 1964
Chia, Poh-Soon, Peter, M.B., B.S. - - - 1964
Chibnall, Helen, B.Sc. - - - - - - - 1944
Chicco, Bruno, B.Tech. - - - - - - - 1963
Chick, John Bertram, B.Sc. - - - - - 1948
M.B., B.S. - - - - - - - - - - 1955
Chick, Malcolm, B.Sc. - - - - - - - - 1958
Chignell, Arthur Kent, B.A. - - - - - 1900
Child, Marie Beatrice, B.A. - - - - - 1926
Childs, John Tothill, B.D.S. - - - - - 1952
Childs, Peter Anthony, M.B., B.S. - - - 1953
Chin, Yoon Fook, M.B., B.S. - - - - - 1962
Chinner, Beryl Esther, Mus.Bac. - - - 1947
Chinner, Christine Elizabeth, B.A. - - - 1961
Chinner, Graham Alan, M.Sc. (B.Sc., 1953) 1955
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - - - - - - - - 1938
Chittleborough, Glen, B.Sc. - - - - - 1956
Chittleborough, Jeffrey David, B.Sc. - - - 1951
Chittleborough, John Lincoln, B.E. - - - 1956

Chittleborough, Laurel Evelyn, B.A. - - 1947
Chittleborough, Lyall, B.A. - - - - - 1960
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948) - - - - - - - - - - 1952
Chmeliauskas, Stasys, B.A. (Ph.D., Leipzig, 1944) - - - - - - - - - - - 1954
Cho, Shue Nam, B.Sc. - - - - - - - 1961
Choate, Max Paul, B.A. - - - - - - 1950
Chong, Boon Koh, Michael, B.A. - - - 1961
Chong, Chee Tsun, M.B., B.S. - - - - 1959
Chong, Chow Pang, B.E. - - - - - - 1961
Chong, Keng Fong, Anna, B.Sc. - - - 1964
Chong, Khey Cheow, B.Sc. - - - - - 1964
Chong, Koon Seng, M.B., B.S. - - - - 1964
Chong, Peng Wah, B.Sc. - - - - - - 1960
Chong, Toh Kuan, B.E. - - - - - - - 1963
Chong, Toh Sum, B.E. - - - - - - - 1963
Chong, Yoon Hin, B.Sc. - - - - - - 1958
Choo, Chek Juan, B.Ec. - - - - - - 1956
Choo, Soo Bin, B.D.S. - - - - - - - 1957
Choo, Suat Bee, B.Sc. - - - - - - - 1959
Choong, Thong Cheong, B.E. - - - - - 1962
Chopra, Pran Nath, B.A. - - - - - - 1963
Chow, Ching Thim, M.B., B.S. - - - - 1963
Chow, Huk Wing, B.D.S. - - - - - - 1961
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953) - - - - - - - - - - 1958
Christie, Margaret, B.A. - - - - - - 1945
Christie, Patrick Joseph, LL.B. - - - - 1925
Christie, William, M.B., B.S. - - - - 1925
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945) - - - - - - - - 1956
Christophersen, Jack Vivian, B.D.S. - - 1927
Chuah, Kim Leong, B.Sc. - - - - - - 1959
Chung, Sooi Kong, M.B., B.S. - - - - - 1960
Church, Jack Raymond, B.Sc. - - - - - 1949
Church, John Henry, M.A. (B.A., 1932) - 1934
Church, Keith Neville, B.E. - - - - - - 1951
Churchward, Spencer, M.A. (B.A., 1900) - 1903
Churchward, Stella Mary, B.Sc. - - - - 1904
Chye, Toh Cheong, B.Sc. - - - - - - 1963
Cibiras, Stasys, LL.B. - - - - - - - 1958
Cigler, James, B.Ec. - - - - - - - - 1962
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - - - - - - - - 1922
Clague, Dennis John, B.Sc. - - - - - - 1962
Clancy, Peter Allan, B.A. - - - - - - 1962
Clapp, Cedric Norman, B.D.S. - - - - - 1938
Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947) - 1960
Clare, Bruce Garnet, B.Sc. (Queensland, 1958) - - - - - - - - - - - - - 1959
Claridge, Philip George Brian, B.E. - - 1954
Clark, Annie Winifred, M.B., B.S. - - - 1922
Clark, Archie Septimus, B.Sc. - - - - - 1900
Clark, Avon Maxwell, Ph.D. (Cambridge, 1949) - - - - - - - - - - - - - 1964
Clark, Eunice Jean, B.Sc. - - - - - - 1952
Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942) 1948
Clark, Henry William, B.A. - - - - - - 1951
Clark, Hugh Rodney, M.E. (B.E., 1934) - 1938
Clark, James Blyth, LL.B. - - - - - - 1953
Clark, John Francis, B.D.S. - - - - - - 1922
Clark, John Osborne, LL.B. - - - - - - 1941
Clark, John Symonds, B.E. - - - - - - 1951
Clark, Lesley Helen, B.Sc. - - - - - - 1955
Clark, Mary Patricia, B.A. - - - - - - 1951
Clark, Meredith Joan, B.Sc. - - - - - - 1963
Clark, Pauline, B.Sc. - - - - - - - - 1948
Clark, Robert John, LL.B. - - - - - - 1933
Clark, Ronald James, B.Tech - - - - - 1962
Clark, Sandford Delbridge, LL.B. - - - 1962
Clark, William Raymond, B.E. - - - - - 1951
Clarke, Alfred Robert Price, B. Tech. - - 1961
Clarke, Allan Lawrence, M.Ag.Sc. (B.Ag.Sc., 1952) - - - - - - - - - - - - 1964
Clarke, Andrew Michael Fausset, M.B., B.S. 1951
Clarke, Brian Russell, B.Sc. - - - - - - 1945
Clarke, Geoffrey David, B.D.S. - - - - - 1956
Clarke, Harold Vernon, B.D.S. - - - - - 1934
Clarke, Miles de Courcy, M.B., B.S. - - - 1942
Clarke, Peter Harold, B.E. - - - - - - - 1962
Clarke, Phil Gregory, B.A. - - - - - - 1948
Clarke, Reginald Harry, B.Sc. - - - - - 1939
B.A. - - - - - - - - - - - - - - - 1942
Clark-Lewis, John William, Ph.D. (Nottingham, 1951) - - - - - - - - - - - 1956
Clarkson, Alan James, M.B., B.S. - - - 1934
Clarkson, Anthony Russell, M.B., B.S. - - 1963
Clarkson, Colin Lloyd, B.Sc. - - - - - - 1950
Clarkson, Donald Ian, M.B., B.S. - - - - 1963
Clarkson, Roger Philip, M.B., B.S. - - - - 1956
Clarnette, David Leon, M.B., B.S. - - - - 1959
Claxton, Lindsay Grahame, B.E. - - - - 1955
Clay, John Howard, B.A. - - - - - - - 1964
Clay, Roger Edgecumbe, B.Ag.Sc. - - - - 1962
Clayer, John Reeves, M.B., B.S. - - - - 1960
Clayton, Arthur Ross, M.B., B.S. - - - - 1902
Clayton, John Graham, B.E. - - - - - - 1959
Clayton, John Jesson, B.E. - - - - - - 1957
Clayton, Kenneth Ross, B.A. - - - - - - 1963
Clayton, Sally Jeanette, B.A. - - - - - 1954
Clegg, Dorothy Maureen, B.A. - - - - - 1961
Clegg, Michael John, B.E. - - - - - - 1960
Cleggett, Edith, B.A. - - - - - - - - 1921
Cleggett, Lloyd, B.A. - - - - - - - - 1955
Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931) - - - - - - - - - - - - 1935
Cleland, James Lindsay, B.A. - - - - - 1954
Cleland, Joan Burton, M.Sc. (B.Sc., 1937) - 1947
Cleland, Sir John Burton, M.B. (Sydney 1902) - - - - - - - - - - - - - 1902
Cleland, Michael Edward Erskine, LL.B. - - 1951
Cleland, Pamela Mary, B.A. - - - - - - 1949
LL.B. - - - - - - - - - - - - - - 1956
Cleland, Peter Fullerton, LL.B. - - - - 1947
Cleland, William Paton, M.B., B.S. - - - 1934
Clements, John Wreford, B.A. - - - - - 1963
Clements, Trevor Murray, B.D.S. - - - - 1950
Clendinnen, Ian Jeffrey, B.Sc. - - - - - 1952
M.B., B.S. - - - - - - - - - - - 1959
Clezy, John Kenneth Albert, M.B., B.S. - 1954
Clezy, Trevor Munro, M.B., B.S. - - - - 1958
Clift, Lawrence Henry Marcus, B.A. - - - 1951
Clisby, Reginald Victor, B.A. - - - - - - 1961
Clisby, Robert Leonard, B.E. - - - - - 1954
B.Ec. - - - - - - - - - - - - - - 1960
Clode, Ailsa Marjorie, B.A. - - - - - - 1928
Close, Frank William, B.Sc. - - - - - - 1931
Close, Mary Frances, B.A. - - - - - - 1940
*Close, Maynard Davidson, B.A. - - - - - 1938
Close, Ronald Wilkinson, B.Sc. - - - - - 1929
Close, Rosemary Jocelyn, M.B., B.S. - - - 1947
Close, Susan Elizabeth, B.A. - - - - - - 1962
Close, Walter John Westcott, M.S., (M.B., B.S., 1913) - - - - - - - - - - 1929
Clothier, Eric Andrews, B.E. - - - - - - 1958
Clunies-Ross, Bruce Axel, B.A. - - - - - 1964
Coaldrake, John Edward, M.Sc. (B.Sc., 1949) 1951
Coat, Jillian Irene, B.Ec. - - - - - - - 1958
Coates, Dorothy Ravelle, M.B., B.S. - - - 1949
Coates, John Hewlett, Ph.D. - - - - - - 1958
Coates, John Richard, M.B., B.S. - - - - 1944
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
Coats, Lloyd Stewart, M.B., B.S. - - - - - 1957
Cochrane, Gordon Ross, M.A. (New Zealand, 1953) - - - - - - - - - - - - 1957
Cochrane, Heather Bernice, B.A. - - - - 1959
Cock, Alexa Beatrice, B.A. - - - - - - - 1921
Cock, Herbert Edward, B.D.S. - - - - - 1941
Cock, Leonard Ambrose, M.B., B.S. - - - 1932
Cockburn, Andrew Syme, M.B., B.S. - - - 1954
Cockburn, Ian Charles, B.E. - - - - - - 1963
Cockburn, Jeanette Minna, B.A. - - - - - 1961
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925) - - - - - - - - - - - 1934
Cockburn, Malcolm, B.Ec. - - - - - - - 1958
Cockburn, Patricia, B.A. - - - - - - - 1944
Cockburn, Robert Forbes, B.E. - - - - - 1933
Cockburn, Robert Francis, B.E. - - - - - 1957
Cocks, Alan Malcolm Vawdrey, M.B., B.S. 1946
Cocks, Alec Douglas, B.D.S. - - - - - - 1924
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925) - - - - - - - - - - 1939
Cocks, Bruce Gordon, B.D.S. - - - - - 1952
Cocks, Edward Desmond, M.B., B.S. - - - 1942
Cocks, Gillian Anne de Bohun, B.A. - - - 1964
Cocks, Keith Trestrail, B.Ec. - - - - - 1956
Cocks, Philip Stanley, B.Ag.Sc. - - - - - 1961
Cocks, Sydney Gordon, B.D.S. - - - - - 1925
Codd, Michael Henry, B.Ec. - - - - - - 1961
Coffey, Dennison Dean, LL.B. - - - - - 1953
Coggins, Harold Douglas, B.Sc. - - - - - 1951
Coggins, John Malcolm, B.Sc. - - - - - - 1964

* Deceased.

Coggins, Robert Symes, B.Sc. - - - - - 1949
B.A. - - - - - - - - - - - - - - - 1954
Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957) - - - - - - - 1958
Coghlan, Marie Teresa Clare, B.A. - - - 1928
Cohen, Alexander Kevin, M.B., B.S. - - 1950
Cohen, Brian Garland Dunstan, M.B., B.S. 1957
Cohen, Harry, M.B., B.S. - - - - - - 1955
Cohen, Lena Sybil, B.A. - - - - - - - 1934
Coin, Susan Mary, B.A. - - - - - - - - 1963
Colby, Eunice Mary, B.Sc. - - - - - - 1949
Cole, Anthony Haslam, B.Sc. - - - - - 1953
Cole, Cyril Richard, B.Sc. - - - - - - 1914
Cole, Joan Margaret, B.Sc. - - - - - - 1957
Cole, Jonathan Haslam, B.A. - - - - - - 1954
Cole, Reuben Herbert George, B.Sc. - - 1950
Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - 1947
Cole, Thomas Haslam, LL.B. - - - - - 1922
Colebatch, Gordon Thomas, B.E. - - - - 1932
Colebatch, Hal John Hester, M.B., B.S. - 1951
Colebatch, John Houghton, M.B., B.S. - - 1933
Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - - - - - - - - - - 1906
Coleman, Arthur Paul, B.E. - - - - - - 1948
Coleman, Harold Edward, B.Tech - - - 1964
Coleman, Isobel Beryl Jean, B.A. - - - 1939
Coleman, James Terence, LL.B. - - - - 1952
Coleman, John Patrick, B.Ec. - - - - - 1960
Coleman, Margaret Christine, B.A. - - - 1945
Coles, Gervase John Laurence, LL.B. - - 1961
Coles, Margaret Elizabeth, B.Sc. - - - 1945
Coles, Mignonette, B.A. - - - - - - - 1912
Coles, Philip Douglas, B.A. - - - - - - 1936
Collier, Alan William Gordon, B.E. - - - 1963
Collins, Allen Geoffrey, M.B., B.S. - - - 1956
Collins, Charles Vincent, B.A. - - - - 1931
Collins, David Anthony, B.E. - - - - - 1962
Collins, Frank Miles, Ph.D. (M.Sc., 1952; B.Sc., 1950) - - - - - - - - - 1962
Collins, Frank Sandford, B.E. - - - - - 1942
Collins, Ian Russell, B.Ec. - - - - - - 1964
Collins, John Malcolm, M.B., B.S. - - - 1952
Collins, Kenneth Ernest, M.B., B.S. - - - 1960
Collins, Leslie William Nettell, B.E. - - 1931
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) 1918
Collison, Bayfield Ian, LL.B. - - - - - 1958
Colliver, Anthony David, B.E. - - - - - 1962
Colman, Robert Malcolm, B.Sc. - - - - 1962
Colman, William Russell Goodwin, B.E. - 1922
Colmer, John Anthony, Ph.D. (London, 1955) 1962
Colquhoun, Harold George, M.B., B.S. - 1960
Colquhoun, Jillian Patricia, B.Sc. - - - 1961
Colquhoun, Lindsay Talbot, B.D.S. - - - 1956
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929) - - - - - - - - - 1933
Colton, John Blacker, LL.B. - - - - - - 1941
Colton, Robert Stirling, M.D. (M.B., B.S., 1944) - - - - - - - - - - - 1960
Colvill, Anthony John Ernest, Ph.D. (B.Sc., 1959) - - - - - - - - - - - 1964
Colvill, Marie, B.Sc. - - - - - - - - - 1962
Colville, Arthur Landseer, LL.B. - - - - 1905
Colville, John Stuart, M.Sc. (B.Sc., 1948) - 1956
B.A. - - - - - - - - - - - - - - - 1962
Colyer, Ian Geoffrey, B.Ec. - - - - - - 1961
Combe, Harvey David Matthew, B.A. - - - 1964
°Comley, Charles Herbert, M.A. (B.A., 1906) 1910
B.Sc. - - - - - - - - - - - - - - - 1906
Conant, James Bryant, D.Sc. (Sc.D., Columbia) - - - - - - - - - - - - 1951
Condon, Robert Francis, B.Sc. - - - - - 1940
M.B., B.S. - - - - - - - - - - - - - 1946
Conley, William Michael, B.Ag.Sc. - - - 1958
Connole, Patricia Ann, B.A. - - - - - - 1961
Connor, Brian Anthony, M.B., B.S. - - - 1953
Connor, John Leo, B.A. - - - - - - - - 1935
Conroy, Keith Douglas, B.E. - - - - - - 1952
Contos, Cecil, B.Tech. - - - - - - - - 1961
Conybeare, William James, B.A. (Cambridge, 1894) - - - - - - - - - - - - 1895
Cook, Adrian Hartley, B.A. - - - - - - 1952
Cook, Ernest Peter, B.E. - - - - - - - 1929
Cook, Gordon James, B.Ec. - - - - - - 1941
Cook, Hugh David, M.B., B.S. - - - - - 1953
Cook, Ian Bracewell, B.Tech. - - - - - 1962
Cook, John Reginald Hayden, B.A. (B.A. (Econ.), Manchester, 1949) - - - - - 1963
Cook, Peter Sydney, B.Ec. - - - - - - 1964
Cook, Ronald Bruce, B.E. - - - - - - - 1957
Cooke, Allan George, B.E. - - - - - - - 1945
B.Sc. - - - - - - - - - - - - - - - 1952
Cooke, Barbara Ternent, B.Sc. - - - - - 1936
Cooke, David John, B.E. - - - - - - - - 1954
Cooke, Florence Emmeline, Mus.Bac. - - - 1900
Cooke, Frank Edward, B.Sc. - - - - - - 1950
Cooke, James Alexander Elder, B.Ag.Sc. - 1960
Cooke, Peter Ternent, B.Sc. - - - - - - 1931
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938) - - - - - - - - - - - - - 1960
Cooke, Theodore John Lloyd, M.B., B.S. - 1956
Cooling, Max Sylvester, M.B., B.S. - - - 1944
Coombe, Alec Holloway, M.A. (B.A., 1924) 1933
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948) - - - - - - - - - - - 1957
Coombe, Harold Robert, B.D.S. - - - - - 1923
Coombe, Murray Taylor, B.Sc. - - - - - 1942
Coombe, Reginald Joseph, LL.B. - - - - 1923
Coombe, Robert John, B.D.S. - - - - - 1950
Coombe, Samuel Walter, B.A. - - - - - 1919
Coombe, Toderick Edward, B.D.S. - - - 1952
Coonan, Edward Raymond, B.Ec. - - - - 1955
Cooney, James Marcus, B.Tech. - - - - - 1958
Cooper, Adrian Harry Campbell, B.A. - - 1935
Cooper, Catherine Margaret, LL.B. - - - 1954
Cooper, Christopher John, M.B., B.S. - - 1959
°Cooper, Constance May, M.B., B.S. - - - 1904
Cooper, Dennis Neil, B.E. - - - - - - - 1963
Cooper, Desmond Wishart, B.Sc. - - - - - 1961
Cooper, Donald Counter, M.B., B.S. - - - 1921
Cooper, Elisabeth Ann, M.B., B.S. - - - 1963
Cooper, John Gregory, B.Ec. - - - - - - 1964
Cooper, Kenneth David, LL.B. - - - - - 1964
Cooper, Kenneth Francis, M.B., B.S. - - 1929
Cooper, Maxwell, B.Sc. - - - - - - - - 1950
Cooper, Peter George, B.Tech. - - - - - 1960
Cooper, Richard Edgar, B.Sc. - - - - - 1960
Cooper, Thomas Edwards, B.E. - - - - - 1922
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered) - - - - - - - - 1913
Coote, George Gilbert, B.Sc. - - - - - 1931
B.A. - - - - - - - - - - - - - - - 1939
Cooter, Robert Benjamin, M.B., B.S. - - - 1952
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia) - - 1958
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) 1948
Coppock, Barrie William, B.Tech. - - - - 1960
Corbet, Anthony John Sherwood, M.B., B.S. 1963
Corbett, John Francis, B.Sc. - - - - - - 1961
Corbett, John Vincent, B.Sc. - - - - - - 1960
Corbin, Clive Wilson, B.E. - - - - - - - 1932
Corbin, Elizabeth Mary, B.A. - - - - - - 1963
Corbin, Horace Hugh, B.Sc. (London, 1904) 1913
Corbin, John Ogilvie, M.B., B.S. - - - - 1933
Corbin, Katherine Anne, LL.B. - - - - - 1941
Cormier, Kathleen, B.A. - - - - - - - - 1943
Cornelius, Muriel Merle, B.A. - - - - - 1951
Cornell, James Gladstone, M.A. (Melbourne, 1928) - - - - - - - - - - - - 1938
Cornell, Philippa Sinclair, B.A. - - - - - 1956
Corney, Eric Ronald, M.A. (B.A., 1936) - - 1937
Cornish, Alan Alfred Ernest, B.E. - - - - 1939
Cornish, Anne Claire, B.A. - - - - - - - 1949
Cornish, Brian Edmund, B.Sc. - - - - - - 1961
Cornish, Brian Leslie, M.B., B.S. - - - - 1947
Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940) 1951
Cornish, Jack Rodolph, LL.B. - - - - - - 1928
Cornish, John Edwin, B.Sc. - - - - - - - 1943
Cornish, William Rodolph, LL.B. - - - - - 1960
Corpe, John Wood, B.E. - - - - - - - - 1935
Correll, 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, Alan Tilney, M.B., B.S. - - - - - 1964
Cotton, James Murray, M.B., B.S. - - - - 1926
Cotton, James Sutherland, B.Sc. - - - - - 1959
Cotton, John Carrington, B.Sc. - - - - - 1951

° Deceased.

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
Covernton, John Selby, M.D. (M.B., B.S., 1931) - - - - - - - - - - - - 1947
°Cowan, George Dalrymple, LL.B. - - - 1911
Cowan, Leslie Thompson, B.Sc. - - - - 1907
Cowan, Robert Francis, B.A. - - - - - - 1912
Cowan, Robert Mowlem, B.Sc. - - - - - 1960
°Cowan, Ronald William Trafford, B.A. - - 1936
Cowan, William Albert, M.A. (N.Z., 1930) 1934
Coward, Ivan Fernley, B.Ec. - - - - - - 1940
B.A. - - - - - - - - - - - - - - - 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, Janice Elizabeth, B.A. - - - - 1964
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.S. (M.B., B.S., 1955) - - - - - - - - - - - 1964
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
Coxon, Christopher Gavin Murray, B.E. - 1964
Coxon, Patricia Magdalen, B.A. - - - - 1964
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, Jennifer Stewart, B.A. - - - - - 1964
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
B.E. - - - - - - - - - - - - - - 1956
Crammond, Peter Clifford, B.E. - - - - 1961
Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - 1945
Cramond, Margaret Mary Alyn, B.A. - - 1952
Cramond, William Alexander, M.D. (Aberdeen, 1954) - - - - - - - - - - 1964
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923 - - - - - - - - - - - - - 1926
Cran, James Alexander, B.D.S., (B.D.Sc. (Q'sl'd.), 1936) - - - - - - - - - 1949
D.D.Sc. (M.D.S., 1952) - - - - - - - 1961
Cranage, David Ross, B.E. - - - - - - 1964
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
Crawfurd, Lionel Payne, M.A. (Oxford, 1890) 1897
Crawley, David Beavington, B.E. (M.A., Cambridge, 1954) - - - - - - - - - 1964
Creaser, Roger Philip, B.Sc. - - - - - - 1964
Creasy, Peter Ninnes, B.Sc. - - - - - - 1964
Creed, Philip John, M.B., B.S - - - - - 1950
Creeth, James Michael, Ph.D. (London, 1948) 1955
Cresswell, Edwin Fletcher, B.E. - - - - 1927
Cresswell, George Edwin, LL.B. - - - - 1939
Cresswell, Harry Richard, B.Ec. - - - - 1956
Cresswell, Reginald Gilbert Dorrien, LL.B. 1937
Crews, Brian Dudley, B.E. - - - - - - - 1964
Crisp, Brian Correll, M.D.S. (B.D.S., 1945) 1952
Crisp, Charles Stephens, B.Sc. - - - - - 1948
Crisp, Colin Francis Correll, B.E. - - - - 1954
Crisp, John Douglas Correll, M.E. (B.E., 1950) - - - - - - - - - - - - - 1956
Crisp, Leslie Finlay, M.A. (B.A., 1938) - 1948
Crisp, Margaret Emily, M.Sc. (B.Sc., 1945) 1950
Crocker, Dudley Furneaux, B.E. - - - - 1939
•Crocker, Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940) - - - - - - - - - - 1948
Crocker, Walter Russell, B.A. - - - - - 1925
Croft, Edwin George, LL.B. - - - - - - 1952
Croft, James Richard, LL.B. - - - - - - 1964
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. - - - - 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. - - - - - - 1950
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) - - - - - - - - - - - - - 1960
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, Eveleen 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
Curnow (nee Gilham), Doreen, B.A. - - - 1950
LL.B. - - - - - - - - - - - - - - 1958
Curnow, Ellen Isabel, B.A. - - - - - - - 1959
Curnow, Richard Stewart, M.B., B.S. - - - 1962

° Deceased.

Currie, Gerald Nicholas, B.Tech. - - - - 1964
Curry, Allan Ralph, B.E. - - - - - - 1949
Curry, Keith Edwin, B.A. - - - - - - 1964
Curtin, John Francis, B.Tech. - - - - - 1960
Curtis, Lawrance Gordon, B.Ec. - - - - 1959
Cusack, John Charles, B.Sc. - - - - - 1954
Cussen, Nan Woodforde, B.A. - - - - 1935
Custance, Harold Maxwell, B.Sc. - - - - 1941
Custance, John Kentish, B.E. - - - - - 1947
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc. - - - - - - - - - - 1953
Cutten, Dean Robert, B.Sc. - - - - - - 1963
Cutten, Judith Ann, B.A. - - - - - - 1959
Czigler, Ernest Ivan, B.Tech. - - - - - 1963

D

Dack, Thomas, B.A. - - - - - - - - 1936
Daddow, Henry Howard, B.A. - - - - - 1940
Daenke, Lachlan Lewis, B.D.S. - - - - 1950
Dahlberg, Dane Louis, B.Ec. - - - - - 1964
Daily, Brian, Ph.D (B.Sc., 1952) - - - 1957
Dainis, Andrew, B.Sc - - - - - - - - 1962
Dainis, Ivars, B.Sc. - - - - - - - - 1963
Dainius, Vytautas Peter, M.B., B.S. - - 1959
Dalby, Donald Richard, B.Tech. - - - - 1964
Dalby, Robert, B.Arch. - - - - - - - - 1961
Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959) - - - - - - - - - - - - 1962
Dallwitz, Walter Berthold, B.A. - - - 1940
M.Sc. - - - - - - - - - - - - - 1943
Dally, Frederick George, M.B., B.S. - - 1956
Dally, John Alton, B.A. - - - - - - - 1956
Daltry, Kate, M.A. (B.A., 1922) - - - - 1924
Daly, David James, M.B., B.S. - - - - 1952
Daly, James Dennis, B.Tech. - - - - - 1961
Daly, Lawrence John, B.E. - - - - - - 1951
Daly, Lewis John, B.A. - - - - - - - 1953
Daly, Lyndsay James, M.B., B.S. - - - - 1954
Dalziel, Francis Robert, Ph.D. (Aberdeen, 1960) - - - - - - - - - - - 1963
Dalziel, Lawrence Henry, B.A. - - - - 1949
Daniell, Aileen Edna, B.A. - - - - - 1950
Daniels, Brian William, M.B., B.S. - - - 1957
Daniels, Verna Kay, B.A. - - - - - - 1963
Danielsen, Fredrick Graham, B.Sc. - - - 1963
Danvers, Ronald Anthony, B.Arch. - - - 1962
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945) 1949
Darling, Marlene Elsie, B.A. - - - - - 1963
Darr, David James, B.Sc. - - - - - - 1955
Darragh, Peter John, B.Sc. - - - - - - 1950
Darskus, Rolf Ludwig, Ph.D. (B.Sc., 1958) 1964
°Dart, Ralph John, B.E. - - - - - - - 1915
Darwin, Errol Raffael Henry, B.Sc. - - - 1907
Darwin, Lisle Julius, M.A. (B.A., 1905) - 1910
Darzins, Andris Peteris, M.B., B.S. - - - 1961
Davenport, John, M.B., B.S. - - - - - 1952
°Davey, Constance Muriel, M.A. - - - - 1918
Davey, Esther Marion, B.Sc. - - - - - 1915
Davey, Graham John, B.E. - - - - - - 1961
Davey, Laurence Llewellin, M.B., B.S. - 1913
Davey, Lloyd Ernest, B.E. - - - - - - 1960
Davey, Martin Geoffrey, M.B., B.S. (Sydney, 1960) - - - - - - - - - - - 1963
Davey, Nell Barbara, B.Sc. - - - - - - 1963
Davey, Roy Herbert, B.Sc. - - - - - - 1920
Davey, Victor Stanley, B.E. - - - - - 1955
David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures, 1955) - - - - 1962
David, Daniel Arthur, M.A. - - - - - - 1930
David, John Fairhall, B.A. - - - - - - 1952
B.Ec. - - - - - - - - - - - - - 1955
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953) - - - - - - - - - - - - 1956
Davidson, Jennifer Dulcie, B.A. - - - - 1962
Davidson, Robert Thomas, M.B., B.S. - - 1951
Davidson, Roy Laidlaw, B.A. - - - - - 1907
Davie, Robert Samuel, B.E. - - - - - - 1955
Davies, David Llywelyn, M.B., B.S. - - - 1943
Davies, Donald John, B.E. - - - - - - 1955
Davies, Donald Laurence, B.E. - - - - - 1951
Davies, Ernest Salter, M.A. (Oxford) - - 1937
Davies, Glyn Anthony, M.B., B.S. - - - 1963
Davies, Ian Malcolm, B.Sc. - - - - - - 1964
Davies, Jonathon, A.U.A. (Pharmacy), M.B., B.S. - - - - - - - - - - - 1963
Davies, Myfyr Bryn, M.A. (Oxford, 1941) - 1953
Davies, Norma Esther, M.B., B.S. - - - 1958
Davies, Peter, B.Tech. - - - - - - - - 1964
Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947) - - - - - - - - - 1951
Davies, Rodney Deane, M.Sc. (B.Sc., 1950) 1953
Davies, Sheila Caroline, B.A. - - - - - 1948
°Davies, William Laurence, B.A. - - - - - 1914
Davis, Brian, B.Ec. - - - - - - - - - 1955
Davis, Bruce Raymond, B.E. - - - - - - 1960
B.Sc. - - - - - - - - - - - - - 1963
Davis, Christine Joyce, B.A. - - - - - - 1937
Davis, Clive, B.Sc. - - - - - - - - - - 1951
Davis, David, B.A. - - - - - - - - - - 1906
Davis, Douglas Marshall, B.A. - - - - - 1962
Davis, Edward Bruce, B.Sc. - - - - - - 1949
Davis, Frederick Harry, B.A. - - - - - 1955
Davis, Harold Julian, M.B., B.S. - - - - 1927
Davis, Harry Michael, B.A. - - - - - - 1964
Davis, Henry Hargan, B.E. (Sydney, 1943) 1947
Davis, Hubert Garth, M.B., B.S. - - - - - 1937
Davis, Jennifer Elizabeth, B.Sc. - - - - 1964
Davis, John Alexander, B.E. - - - - - - 1929
Davis, Kingsley, B.E. - - - - - - - - 1950
Davis, Legh Hewitson, B.Ec. - - - - - - 1962
Davis, Margaret Lily, B.A. - - - - - - 1955
Davis, Ray, B.Sc. - - - - - - - - - - 1915
Davis, Robert Bruce, B.A. - - - - - - 1948
Davis, Robert George, B.Sc. - - - - - - 1951
Davis, Robert Keith, B.Ec. - - - - - - 1960
Davis, Robert William, B.Ec. - - - - - - 1963
Davis, Ronald Lindsay, B.Sc. - - - - - - 1963
Davivongs, Virapunt, M.Sc. - - - - - - 1963
Davoren, John Joseph, LL.B. - - - - - 1922
Davy, Arthur Francis, B.D.S. - - - - - 1951
Daw, Arthur Baden Secombe, B.Ec. - - - 1957
Daw, Francis Alan, B.Sc. - - - - - - - 1945
Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928) - - - - - - - - 1959
Dawes, Walter Ernest, B.A. - - - - - - 1954
Dawkins, Albert Norman, B.E. - - - - - 1922
Dawkins, Alec Letts, M.B., B.S. - - - - 1927
Dawkins, Alfred Ernest, B.Sc. - - - - - 1912
Dawkins, Donald Campbell, M.B., B.S. - - 1939
Dawkins, Margaret Ina, B.A. - - - - - - 1938
°Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899) - - - - - - - - - - 1920
Dawson, Alfred Lisle, B.Sc. - - - - - - 1926
Dawson, Anthony James, M.E. (B.E., 1959) 1962
Dawson, David Lancelot, B.A. - - - - - 1934
Dawson, Geoffrey Dean, B.E. - - - - - 1937
Dawson, Joseph Bernard, M.D. (London, 1911) - - - - - - - - - - - - 1920
Dawson, Michael Dean, M.B., B.S. - - - - 1942
Dawson, William Inglis, M.B., B.S. - - - 1957
Day, Alison Chapman, B.Sc. - - - - - - 1947
Day, Allan John, M.Sc. (B.Sc., 1947) - - 1950
M.D. (M.B., B.S., 1954) - - - - - - 1957
Day, Basil Hedley Stanton, B.Tech. - - - 1961
Day, Christine Janet, B.A. - - - - - - 1964
Day, Graham John, B.D.S. - - - - - - 1951
Day, Jennifer Ann, B.A. - - - - - - - 1962
Day, John Bice, B.D.S. - - - - - - - 1944
Day, Kathleen Emily, B.Sc. - - - - - - 1931
Day, Laverne Frank, B.Ec. - - - - - - 1963
Day, Peter Julian, B.E. - - - - - - - 1959
Day, Robert Sydney, M.B., B.S. - - - - 1934
Deam, Robert Joseph, B.Sc. - - - - - - 1942
Deacon, Glen Berenger, Ph.D. (B.Sc., 1957) 1962
Dean, Harry Michael, B.Med. Sc. - - - 1960
M.B., B.S. - - - - - - - - - - - 1963
Dean, Margaret Emily, M.B., B.S. - - - 1962
Deans, Absalom, B.A. - - - - - - - - 1912
Dearlove, Carolyn Harriet, M.B., B.S. - - 1962
Dearlove, Thomas Pearce, M.B., B.S. - - 1942
Dearman, Cyril Henry, B.E. - - - - - - 1950
Debelle, Bruce Malcolm, LL.B. - - - - 1961
De Boehme, Cecil Brooks, LL.B. - - - 1931
De Cean, Neil, B.E. - - - - - - - - 1951
Deer, John Gregory, B.Sc. - - - - - - 1948
Deer, William Henry, B.E. - - - - - - 1950
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958) - - - - - - - - - - - 1959
Del Fabbro, Anthony John, B.Sc. - - - - 1961
Deland (nee Robjohns), Annie Joan, B.A. - 1923
Deland, Charles Mervyn, M.B., B.S. - - 1924
Deland, Curtis George, M.B., B.S. - - - 1955
Deland, Peter Leonard, B.Sc. - - - - - 1955
Deland, Raymond John, B.Sc. - - - - - 1947
Deller, Donald John, M.B., B.S. (Sydney, 1954) - - - - - - - - - - - 1962
M.D. - - - - - - - - - - - - - 1964

° Deceased.

Dellow, Peter Glynn, B.D.S. - - - - 1949
M.B., B.S. - - - - - - - - - - 1957
Delmont, William George, B.D.S. - - - 1932
Delprat, Lica, M.B., B.S. - - - - - 1910
Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - - - - - - - - 1909
Dempster, Beryl Joan, B.A. - - - - - 1963
Denby, Ernest Frank, B.Sc. - - - - - 1951
Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952) - - - 1960
Dening, Patricia Joan, B.A. - - - - - 1958
Denis, William Norman, B.Sc. - - - - 1951
Dennis, Alan Henry, B.A. - - - - - - 1936
Dennis, Barbara Joan, M.Sc. (B.Sc., 1955) 1961
Dennis, Edwin, B.Sc. - - - - - - - - 1950
Dennis, William John Allenby, B.Sc. - - 1956
Densley, Mary Muriel, B.A. - - - - - 1963
Dent, Marjorie, B.A. - - - - - - - - 1956
Dent, Nancy, B.A. - - - - - - - - - 1960
Denton, David Ross, B.A. - - - - - - 1960
Denton, James Graham, M.B., B.S. - - - 1954
Denton, Noel Fletcher, M.B., B.S. - - - 1945
Depasquale, Paul, B.A. - - - - - - - 1960
Dermott, Patricia Louise, M.B., B.S. - - - 1963
de Rohan, Maurice John, B.Tech. - - - 1960
Derrington, Arnold Ward, M.B., B.S. - - 1947
Detmold, Michael James, LL.B. - - - 1964
Deutscher, Maxwell John, B.A. - - - - 1959
Devaney, Helen, LL.B. - - - - - - - 1942
de Vedas, Jack, M.B., B.S. - - - - - 1938
de Vries, Gertrude Dorothy, B.A. - - - 1964
Devenport, John, B.Tech. - - - - - - 1961
Dew, Ian Albert, M.Sc. (B.Sc., 1953) - - 1962
Dewar, Colin Chudleigh, M.B., B.S. - - 1949
Dewar, Donald Gordon, B.E. - - - - - 1952
Dewar, John, B.Sc. (Eng.) - - - - - - 1945
Diamantis, Alexander Adamantiou, Ph.D. (London, 1958) - - - - - - - - - 1960
Diamond, Arthur Ian, B.A. - - - - - - 1952
Dibden, Frederick Andrew, M.B., B.S. - - 1941
Dibden, William Andrew, M.B., B.S. - - 1939
Dick, Gordon Stuart Blyth, B.Sc. - - - 1923
Dickinson, Peter, B.Tech. - - - - - - 1962
Dickson, Brian Henry, B.Tech. - - - - 1963
Dickson, Margaret Jill Barr, M.B., B.S. - 1960
Dickson, Ronald Stanley, Ph.D. (B.Sc., 1958) 1963
Dickson, Warren, B.A. - - - - - - - - 1949
Dietman, Clarence Charles, M.B., B.S. - 1954
Digance, James Roy, B.A. - - - - - - 1945
Diggle, John Nelson, M.B., B.S. - - - 1946
Dilena, Michael James, B.A. - - - - - 1959
Dillon, John Louis, Ph.D. (Iowa, 1959) - - 1961
Dillon, Naralie Anne, B.A. - - - - - - 1961
Dilworth, Nerida Margaret, M.B., B.S. - 1950
Dineen, Desmond Patrick, M.B., B.S. - - 1952
Dineen, John Kenneth, Ph.D. (B.Sc., 1951) 1957
Dingle, Ian Ridgway, B.D.S. - - - - - 1957
Dingle, Margaret Jennifer, B.A. - - - - 1958
Dingle, Roderick Edward, B.Sc. - - - - 1963
Dinham, Charles Anthony, B.E. - - - - 1952
Dinning, Alfred Ernest, B.A. - - - - - 1915
Dinning, Rodney Alfred Brady, B.A. - - 1950
Dinning, Trevor Alfred Ridley, M.B., B.S. 1942
°Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934) - - - - - - - - - 1954
Disney, Shaun Anthony Requa, B.A. - - 1964
Dix, Alfred James, B.E. - - - - - - - 1930
Dixon, Genevieve, B.Sc. - - - - - - - 1960
Dixon, John, B.Ec. - - - - - - - - - 1957
Dixon, Leslie Bruce, B.Tech. - - - - - 1962
Dixon, Lyall Douglas, M.A. (B.A., 1927) - 1931
Dixon, Peter, M.A. (London, 1956) - - 1958
Djajakusumah, Taty Rahmatiah, B.Ag.Sc. - 1960
Djaka, Soetratma, B.E. - - - - - - - 1960
Dobberstein, Fred Helmut, B.A. - - - - 1963
Doble, William Devon, B.E. (Sydney, 1943) 1957
Dobney, Philip Thomas, B.Sc. - - - - 1961
Dobson, Lesbia Constance Alma, B.A. - - 1947
Doceff, Robin Jeanine, B.A. - - - - - 1962
Dodd, Ian Hainsworth, B.E. - - - - - 1960
Dodd, Leslie, B.A. - - - - - - - - - 1947
Dodd, Lindsay Richard, B.Sc. - - - - - 1960
Dodd, Robert Hedley, B.A. - - - - - - 1931
Dodd, William Alfred, B.Sc. - - - - - 1962
Doddridge, Albert Keith, M.B., B.S. - - 1953
Dodman, Robert Louis, B.Ag.Sc. - - - - 1959
Dodsworth, Kimball Robert Innis, B.Ec. - 1962
Dodwell, David, B.A. - - - - - - - - 1955
°Dodwell, George Frederick, B.A. - - - - - 1905
Doel, Derek Alfred, B.Ec. - - - - - - 1960
Dohadwala, Kutbuddin s/o Fidahusen, B.Sc. 1960
Dohnt, Brian Ray, B.Sc. - - - - - - - 1945
Dolan, David Sutton, B.E. - - - - - - 1964
Doley, Malcolm John, B.Arch. - - - - - 1962
Doley, Maurice Edward, B.E. - - - - - 1939
Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951) - - - - - - - - - 1959
Dolling, Eleanor Ngaire, B.Sc. - - - - - 1950
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
Donald, Gordon Frederick, M.D. (M.B., B.S., Sydney, 1948) - - - - - - - - - 1963
Donaldson, Muriel Grace, B.A. - - - - - 1934
Donaldson, Pamela Margaret, B.A. - - - - 1959
Donnellan, Michael Ramsey, B.Tech. - - - 1961
Donnellan, Teresa Marie, B.A. - - - - - 1945
Donnelly, Jillian Kay, B.Sc. - - - - - - 1962
Donnelly, Thomas Hewson, M.B., B.S. - - 1937
Donnelly, Thomas Hugh, M.B., B.S. - - - 1911
Donovan, Francis Patrick, LL.B. (B.C.L., Oxford) - - - - - - - - - - - 1952
Donovan, Mortimer Edward, M.B., B.S. - - 1946
Doolan, Ernest Joseph, B.A. - - - - - - 1944
Doolette, John Barton, B.Ag.Sc. - - - - 1951
Dore, Frederick Arthur, B.Sc. - - - - - 1951
Dorman, Christopher Milton Leonard, B.E. 1964
Dorman, David Charles, B.Sc. - - - - - 1950
Dorman, Helen Ethel, B.A. - - - - - - 1964
Dorsch, Ernst Georg, B.A. - - - - - - 1915
Dorsch, Magdalene Hedwig, B.A. - - - - 1926
Dorsch, Theodor Siegfried, B.A. - - - - 1933
Dorsch, Wilhelm Bernhard, M.B., B.S. - - 1933
Doudy, Cecil Roy, LL.B. - - - - - - - 1906
Douglas, Donald Robin, B.Sc. - - - - - 1949
°Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897) - - - - - - 1898
Douglas, Frank Nugent, M.B., B.S. - - - 1956
Douglas, Hugh Matheson, M.B., B.S. - - - 1947
Douglas, Robert Langton, M.A. (Oxford, 1891) - - - - - - - - - - - - - 1900
Douglas, Robert Matheson, M.B., B.S. - - 1960
Douglas (nee Duguid), Rosemary Lillian, B.A. 1958
Douglas, Sholto John, M.B., B.S. - - - - 1930
Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950) 1959
Dow, Ian Baird, LL.B. - - - - - - - - 1953
Dow, Lorna Ruth, M.B., B.S. - - - - - - 1954
Dow, William Harold John, B.Sc. - - - - 1949
Dowbnia, Jaroslaw, B.E. - - - - - - - 1958
Dowding, Alan Lorimer, B.Sc. - - - - - 1950
Dowdy, Norman James, B.A. - - - - - - 1948
Dowie, David Lincoln, M.E. (B.E., 1933) - 1935
Dowie, Donald Alexander, M.B., B.S. - - 1954
Dowling, Dean Robert, B.Sc. - - - - - - 1962
Dowling, Donald Augustus, M.B., B.S. - - 1923
Downer, John William, B.E. - - - - - - 1959
Downey, Donnell Raymond, LL.B. - - - - 1930
Downey, Michael Seymour, M.B., B.S. - - 1960
Downing, Bruce Jacob, M.B., B.S. - - - - 1953
Downing, Jennifer Alandine, LL.B. - - - 1959
Downing, Robert Gregory, M.B., B.S. - - 1952
Downs, Benjamin, M.E. (Liverpool, 1947) - 1949
Downs, George William, B.A. - - - - - 1947
Downs, Howard Albert, B.A. - - - - - - 1949
Doyle, Elizabeth Margaret, B.Sc. - - - - 1963
Doyle, Leo James, LL.B. - - - - - - - 1931
Doyle, William Albert, B.A. - - - - - - 1963
Drabsch, Alfred Felix, B.A. - - - - - - 1941
Dragovich, Branko, B.Ec. - - - - - - - 1959
Dragovich, Deirdre Janette, B.A. - - - - 1961
Draper, Fred, B.Sc. - - - - - - - - - 1924
Draper, Morrell Henry, M.B., B.S. - - - 1944
Draper, Neil, B.E. - - - - - - - - - - 1953
Draper, Ronald Philip, Ph.D. (Nottingham, 1953) - - - - - - - - - - - - 1956
Drayton, Rodney Dean, B.Sc. - - - - - - 1962
Drever, Ian Campbell, M.B., B.S. - - - - 1951
Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - 1947
Drew, John Francis, B.Sc. - - - - - - - 1963
Drew, Michael John Roskilly, M.B., B.S. - 1951
Drew, Peter Robert, B.Ec. - - - - - - - 1964
Drew, Sally Elizabeth, M.B., B.S. - - - - 1961
Drewer, Peter Clifford, B.E. - - - - - - 1964
Drewer, Robert James, B.Sc. - - - - - - 1961

° Deceased.

Dridan, Julian Randal, B.E. - - - - - 1922
Driscoll, Hilda Marion, B.A. - - - - - 1908
Drummond, Euphemia Gibb, B.A. - - - 1923
Drury, James Edward Owden, B.Ec. - - - 1959
Duance, Ronald Leith, B.Tech. - - - - 1964
Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - 1947
Ducray, Suzette Eleanor, M.B., B.S. - - 1949
Dudley, Keith, B.E. - - - - - - - - 1953
Dudman, Roy Howard, B.Ec. - - - - - 1958
Dudzinski, Miroslaw Leonard, B.Ec. - - 1955
Duffield, Kenneth Churchill, LL.B. - - - 1925
Duffield, Robert Winston, B.Ec. - - - - 1961
Duffy, Bronte Godfrey, B.Tech. - - - - 1960
Duffy, Ross Martin, LL.B. - - - - - 1951
Duggan, Kevin Patrick Michael, LL.B. - - 1964
Duguid, Andrew Melville, B.Sc. - - - - 1954
Duguid, Charles, M.B., B.S. (Glasgow, 1909) 1920
Duguid (nee Lade), Phyllis Evelyn, B.A. - 1925
Duguid, Rosemary Lillian, B.A. - - - - 1958
Duguid, William George, M.B., B.S. - - - 1948
Duke, Peter Francis, B.Tech. - - - - 1964
Duldig, Max, B.Ec. - - - - - - - - - 1962
Dulmanis, Ausman Biruta, B.Sc. - - - - 1958
Dumas, Sir Russell John, M.E. (B.Sc., 1909, surrendered for B.E., 1913) - - - - 1931
Duncan, Andrew Kenneth, B.Sc. - - - 1957
Duncan, Craig Thomas, B.E. - - - - - 1964
Duncan, James Playford, M.E. (B.E., 1941) 1954
Duncan, Keith Sinclair, B.E. - - - - - 1922
Duncan, Robert Allan, B.Sc. - - - - - 1951
Duncan, Robert Lawrence, B.E. - - - 1951
Duncan, Ross, M.A. (B.A., 1949) - - - 1952
Duncan, Walter George Keith, Ph.D. (London, 1930) - - - - - - - - - 1951
°Duncan-Hughes, John Grant, M.A. (Cambridge, 1910) - - - - - - - - - 1910
Dunda, Donatas Jurgis, B.Tech. - - - - 1964
Dungey, Kevin Leonard, B.A. - - - - - 1943
Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906) - - - - - - - - - - - 1935
Dunkerley, John Spencer, M.A. (Cambridge, 1945) - - - - - - - - - - - 1961
Dunlevie, Ellen Emily, B.A. - - - - -- 1927
Dunlop, Colin Wesley, M.Sc. (B.Sc., 1952) 1955
Dunlop, Peter John, Ph.D. (Wisconsin, 1955) 1959
Dunlop, Walter James, B.A. - - - - - 1952
Dunn, David Everson, M.B., B.S. - - - 1951
Dunn, Edith Marie, B.A. - - - - - - 1940
Dunn, John Edgar, M.B., B.S. - - - - 1952
Dunn, John Gilding, B.A. - - - - - 1960
Dunn, Melville Desmond, B.E. - - - - 1960
Dunn Peter Charles, B.E. - - - - - 1954
Dunn, Sydney Stephen, B.A. - - - - 1947
Dunn, Talbot Lewis, M.B., B.S. - - - 1927
Dunne, Michael Clarence, B.Sc. - - - - 1962
Dunne, Lawrence John, B.Sc. - - - - 1947
Dunning, John Angus, M.A. (Oxford, 1937) 1950
Dunning, Robert Grant, B.A. - - - - 1957
Dunstan, Bruce Henderson, B.D.S. - - - 1951
Dunstan, Donald Allan, LL.B. - - - - 1949
Dunstan, Gretel, B.A. - - - - - - - - 1962
Dunstan, Ian Henderson, B.D.S. - - - - 1950
Dunstan, Richard English, M.B., B.S. - - 1951
Dunstone, David Darroch, M.B., B.S. - - 1954
Dunstone, Glen Donald, B.D.S. - - - - 1946
Dunstone, John Leonard, M.B., B.S. - - - 1939
Dunstone, Max Warwick, M.B., B.S. - - 1948
Dunstone, Sydney Morgan Lewis, M.B., B.S. 1939
Durance, Geoffrey, B.Sc. - - - - - - - 1964
Durand, Edmond Louis Ode, B.Tech - - 1963
Durdin, Ronald Walter, B.E. - - - - - 1951
Durham, James Graham, M.B., B.S. - - - 1951
Durie, Robert Alan, B.A. - - - - - - - 1955
DuRieu, Beverley Robertson, B.Sc. - - - 1949
Durkin, John Thomas, M.B., B.S. - - - 1962
Dutton, Alan Hewitt, B.E. - - - - - - 1938
Dutton, Alice Irene, M.B., B.S. - - - - 1940
°Dutton, Gilbert Henry, B.Sc. (Wales, 1902) 1921
Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949) - - - - - - - - - - - 1953
Dwyer, Ann Maud, B.A. - - - - - - - 1962
Dwyer, John Matthew, M.B., B.S. - - - 1928
Dyer, Allan Ronald, B.Tech. - - - - - 1958
Dyer, Bruce Herbert, B.E. - - - - - - 1951
Dyer, James Ross, B.E. - - - - - - - - 1951
B.Ec. - - - - - - - - - - - -- - 1961
Dyson, Anthony Edward Stafford, B.E. - - 1964
Dyster, Colin, B.A. - - - - - - - - - 1964
Dyster, Thomas, B.A. - - - - - - - - 1953

E

Eardley, Constance Margaret, M.Sc. (B.Sc., 1931) - - - - - - - - - - - - 1949
Earl, Dorothy Elizabeth, B.A. (London, 1915) 1917
Earl, John Alfred, M.B., B.S. - - - - 1949
Earl, John Campbell, D.Sc. (B.Sc., 1921) - 1926
Earle, Ronald Frank, B.E. - - - - - 1952
East, Vernon Roy, B.A. - - - - - - - 1943
Eastham, John, B.Tech. - - - - - - - 1964
Easton, Alan Keith, B.Sc. - - - - - - 1963
Easton, Frederick William Spencer, M.B., B.S. - - - - - - - - - - - - 1956
Eaton, Heather Campbell, B.A. - - - - 1957
Eaton, Raymond George, B.Ec. - - - - 1956
Eberhard, Margaret Anne, B.Sc. - - - - 1962
Eberhard, Sydney Thomas, B.Sc. - - - 1944
Eblen, Colin Dominic, B.D.S. - - - - 1951
Eckermann, Frances Marie, B.A. - - - - 1958
Eckermann, Gail Robyn, B.Sc. - - - - - 1964
Eckersley, Arnold Broughton, B.D.S. - - 1938
Eckersley, Percy Cyril Wheaton, B.A. - 1921
Eckersley, Peter Douglas, B.A. - - - - 1964
Eddy, David Rendall, B.Sc. - - - - - 1949
Eddy, Denis Ian, B.Ag.Sc. - - - - - - 1961
Eddy, James Robert, B.Sc. (Eng.) - - - - 1942
Edelman, Howard John, M.B., B.S. - - 1939
Eden, Owen Frederick, B.Sc. - - - - 1947
B.A. - - - - - - - - - - - - - - 1954
Edeson, Emily Geraldine, M.A. (Melbourne, 1899) - - - - - - - - - - - - 1902
Edgar, Heather Mary, B.A. - - - - - - 1957
Edgar, John Alexander, B.Sc. - - - - - 1961
Edgar, Melvin Lawson, M.B., B.S. - - - 1961
Edgar, Oscar Patrick, M.B., B.S. - - - 1955
Edgar, Peter Lindsay, B.A. - - - - - - 1962
Edgar, Robert Steel, M.Sc. (B.Sc., 1942) - 1945
Edge, Robert Harold, B.Sc. - - - - - - 1952
Edge, Thomas George, B.A. - - - - - - 1963
Edgeloe, Michael John, B.Sc. - - - - - 1961
Edgeloe, Victor Allen (Clerk of the Senate), B.A. - - - - - - - - - - - - 1932
Edgerley, Margaret Janetta, B.A. - - - 1927
Edgerley, Mark William, B.Sc. - - - - 1950
Edmonds, Richard Lewis, B.A. - - - - - 1964
Edmonds (nee Humphrey), Ruth Iris Marie, B.Sc. - - - - - - - - - - - - 1955
Edmonds, Stanley Joe, Ph.D. (B.Sc., 1929; M.Sc., 1947) - - - - - - - - - - 1958
B.A. - - - - - - - - - - - - - - 1935
Edmonds, Thomas James, B.A. - - - - - 1963
Edwards, Carolyn Edith, B.Sc. - - - - 1964
Edwards, David Charles, LL.B. - - - - 1962
Edwards, David George, B.Ag.Sc. - - - - 1960
Edwards, Gordon Robert, B.Ag.Sc. - - - 1949
Edwards, Graham William, B.A. - - - - 1957
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921) - - - - - - - - - 1923
Edwards, Jennifer Mary, M.B., B.S. - - - 1961
Edwards, Jennifer Marjorie, B.A. - - - - 1963
Edwards, John Brian, B.Sc. - - - - - - 1963
Edwards, Karl Francis, M.B., B.S. - - - 1932
Edwards, Naomi June, B.D.S. - - - - - 1944
Edwards, Pamela Julie, M.B., B.S. - - - 1951
Edwards, Philip Glen, B.Sc. - - - - - - 1959
Edwards, Robert George, M.B., B.S. - - 1960
Edwards, Robert Murray, M.B., B.S. - - - 1963
Edwards, Shirley Blanche, B.Sc. - - - - 1944
Edwards, Victor Wilfred Alcorn, B.A. - 1948
Eggleton, David Grosvenor, M.Sc. (B.Sc., 1952) - - - - - - - - - - - - 1956
Eggleton, Felicity Janet, B.A. - - - - - 1955
Eggleton, Richard Anthony, B.Sc. - - - - 1959
Eglinton, Margi Stewart, B.Sc. - - - - - 1945
Eglinton, Raelene Dawn, B.A. - - - - - 1964
Ehmcke, Freda Evelyn, M.B., B.S. - - - 1931
Eichler, Hansjoerg, Ph.D. (Dr.rer.nat. (Halle-Wittenberg), 1950) - - - - - - - - 1959
Eimer, George Herman, B.E. - - - - - - 1937
Elder, Audrey Olive, B.A. - - - - - - - 1945
Eisele, Frank James, B.A. - - - - - - - 1961
Ekers, Ronald David, B.Sc. - - - - - - 1962
Eldridge, David Melbourne, M.B., B.S. - - 1948
Eley, Agnes May, B.A. - - - - - - - - 1944
Eley, John Robert, B.Sc. - - - - - - - 1947
Elford, Harold Stewart, B.E. - - - - - 1925
Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953) 1958
Elford, Raymond Frank, B.Tech. - - - - - 1961

° Deceased.

Elford, William Graham, Ph.D. (B.Sc., 1947) 1955
Elhay, Isaac Jacques, B.A. 1956
Elix, David Llewellyn, B.E. 1939
Elix, John Alan, B.Sc. 1962
Elix, Ralph Louis, M.B., B.S. 1954
Elix, Robert Hugo, M.B., B.S. 1938
Elix, Robin Guion, B.E. 1957
Ellerton, Hugh David, B.Sc. 1961
Elliott, Brian Robinson, D.Litt. (B.A., 1931) 1955
Elliott, David, Ph.D. 1961
Elliott, Denis Edward, B.Ag.Sc. 1960
Elliott, Jennifer Anne, B.A. 1959
Elliott, Kenneth Alexander, B.Ag.Sc. 1932
Elliott, Lionel John, LL.B. 1936
Elliott, Malcolm Stacy, B.Ec. 1963
Elliott, Murray William, M.B., B.S. 1943
Elliott, Ralph Warren Victor, M.A. (St. Andrews, 1949) 1960
Elliott, Robert Bartlett, M.B., B.S. 1956
Elliott, Ronald Donovan, LL.B. 1931
Ellis, Annie Rita, B.Sc. 1905
Ellis, Arthur Benjamin, B.A. 1911
Ellis, Brian David, B.Sc. 1950
B.A. 1953
Ellis, Bruce Walter, B.A. 1949
Ellis, Charlotte, B.A. 1950
Ellis, Frank, B.E. (B.Sc., 1907, surrendered) 1913
M.A. (B.A., 1911) 1913
Ellis, Howard John, M.B., B.S. 1946
Ellis, John Vickery, B.Ag.Sc. 1957
Ellis, Keith James, B.Sc. 1964
Ellis, Roger Melville, B.A. 1964
Ellis, Ronald Dudley, B.E. 1947
Ellis, Roy Gilmore, B.D.S. 1926
Ellison, Lawrence Roy, B.E. 1955
Elms, Valerie Lois, M.B., B.S. 1952
Ely, Merle Dawn, B.A. 1958
Emery, James Kenneth, B.E. 1961
Emery, Warren Frederick, M.B., B.S. 1946
Emmett, Leigh Jackson, B.E. 1961
Endersbee, Rosslyn Joan, B.A. 1963
England, Barbara Winsome, B.A. 1964
England, Clarence William, M.B., B.S. 1925
England, Ernest Bert, M.B., B.S. 1952
England, Ernest James, M.B., B.S. 1951
England, Gerald Clifford, B.A. 1960
England, Harold Norman, B.Sc 1925
England, Harry Clement, B.E 1930
England, Robert Keith, B.Sc. 1963
°Erichsen, Matthias, M.B., B.S. 1903
Ericson, Leon Gordon, Ph.D. (B.Sc., 1955) 1959
Erikson, Erik Theodore, M.B., B.S. 1964
Esdaile, James Durie, B.E. 1955
Espie, Frank Fancett, B.E. 1913
Espie, Frank Fletcher, B.E 1947
Esselbach, Brian Humphrey, B.E. 1963
Esselbach, Rodney, B.A. 1956
Eu, Swee Lian, Bernice, M.B., B.S. 1962
Eustace, John Leonard, B.D.S. 1921
Evans, David Denton Edwards, M.B., B.S. 1960
Evans, David Garth, B.Tech. 1962
Evans, David Wyke, B.Ec. 1957
Evans, Dene, B.E. 1951
Evans, Elizabeth Ann, B.Sc 1960
Evans, Eric Laurence, B.A 1930
Evans, Geoffrey Gordon Llewellyn, B.D.S. 1951
Evans, Geoffrey William, B.Sc. 1959
Evans, George Richard, B.E. 1937
Evans, Horace Clement, B.Ec. 1956
Evans, John William, M.A (Cambridge, 1931) 1932
Evans, Kenneth Alan Greig, M.B., B.S. 1953
Evans, Lloyd Lindsay Carey, M.B., B.S. 1957
Evans, Marilyn Joan, B.A. 1957
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929) 1943
Evans, Owen Ross, B.E. 1950
Evans, Richard Wyke, LL.B. 1963
Evans, Robert George, M.B., B.S. 1954
Evans, Robert William, B.Tech. 1964
Evans, Samuel Islwyn, Ph.D. (Sheffield, 1950) 1961
Evans, Walter Alfred Wyke, B.D.S. 1928
Evans, Wilfred Robert, B.E. 1924
Everard, Betty Ann, B.Sc. 1945
Everitt, Graham Charles, M.Sc (Wales, 1958) 1962
Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951) 1951
Everton, Rosalind Anne, B.Sc. 1962
Ewens, John Qualtrough, LL.B. 1929
°Ewers, William David, B.A. 1934
Ewers, William Hector, B.Sc. 1957
Excell, John Eliot, B.E. 1940
Ey, Geoffrey Thomas, M.B., B.S. 1947
Eyers, Vivian George, B.Sc. 1955
Eyles, Helen Mary, B.Sc. 1943
Eyles, Philip Sydney, M.B., B.S 1942
B.A. 1949
Eylward, Richard John, B.Sc. 1954
Ezekiel, Eric, M.B., B.S. 1958

F

Faber, Bartholomeus, B.Tech. 1959
Fahey, John Kevin, B.E. 1950
Fahlbusch, Jillian Dawn, B.A. 1964
Fahy, Carlien Lorraine, M.B., B.S. 1960
Fahy, Frederick Edward, B.E. 1953
Fails, Mervyn James, M.B., B.S. 1958
Fairley, James, M.B., B.S. 1941
Fairley, Neil Hamilton, M.D. (Melbourne, 1917) 1949
°Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered) 1913
Fairweather, Edna May, B.A. 1932
Fairweather, Ethel Firl, B.D.S. 1955
Fairweather, John Henry, B.E. 1954
Falconer, Ian Robert, Ph.D. (Aberdeen, 1960) 1961
Falkenberg, Walter Edwin, B.A 1940
Fallows, Donald Walter, B.Tech 1963
Fan, Shao Wen, M.B., B.S. 1964
Fander, Hans Walter, M.Sc. 1961
Fanning, Elizabeth Ann, D.D.S. (New Zealand, 1960) 1964
Fanning, John Willson, B.Tech. 1963
Fanning, Joseph Charles, M.B., B.S. 1963
Fargher, Philip John, B.E. 1956
Farmer, Helen Robinson, B.A 1945
Farmers, Annette Mary, B.Sc. 1962
Farndell, Leila Mavis, B.A. 1933
Farr, Alan Pembroke, B.A. 1950
Farrant, Ian Raddon, B.Sc. 1964
Farrant, Michael John, B.E. 1958
Farrell, Edward Francis, B.A. 1940
Farrelly, Jillian Mary, B.A. 1964
Farrent, Thomas Albert, B.Sc. 1923
B.E. 1924
Farrer, Kenneth Joseph, B.A. (B.A. (Econ), Manchester, 1949) 1954
Farrow, Murray Aubrey, B.A. 1945
Farrow, Robert Murray, B.A. 1956
Farsch, Rehle Katherine, B.A. 1955
Faulkner, Denys Barrie, B.A. 1959
Faulkner, Douglas William, B.Sc. 1961
Faunce, Marcus De Laune, M.B., B.S. 1946
Favilla, Domenico Raffaelo, B.Ec. 1954
Favilla, Ian, B.Med.Sc. 1962
Fawcett, Robert Graham, B.Ag.Sc. 1959
Featherstone, Dora Bewlay, M.A. (B.A., 1918) 1932
Fechner, Martin Johann Traugott, B.A. 1937
Fee, Warren William, Ph.D. (B.Sc., 1956) 1962
Fehlberg, Tasman Julius August, B.A. 1932
Feineler, Josephine Mary, B.A. 1962
Felgate, David Gordon, B.Sc. 1964
Felgenhaur, Robert Frederick, B.A. 1949
Fennell, David John, B.Sc. 1964
Fennell, Trevor Garth, B.A. 1962
Fenner, Frank John, M.D. (M.B., B.S., 1938) 1942
Fenner, Theodore Lyell, B.Ag.Sc. 1961
Fenner, William Greenock, B.E. 1945
Fenwick, Aline Mary, LL.B. 1944
Feodoroff, Nicholas, B.E. 1962
Ferguson, Andrew, B.Sc. 1904
Ferguson, James, B.Sc. 1960
Ferguson, James Andrew, B.Ag.Sc. 1959
Ferguson, John Cameron, LL.B. 1964
Ferguson, Malcolm Linley, B.Sc. 1964
Ferguson, Wilfred John, B.A. 1930
Ferguson, William Rex, B.E. 1931
Fergusson, George Robert, B.A. 1953
Ferres, Helen Millicent, M.Sc. (B.Sc., 1941) 1949
Ferrett, Robert George, LL.B. 1952
Ferrie, David Noel, B.Sc. 1960

° Deceased.

Ferry, Andrew Sage, B.Ec. - - - - - 1958
Fewings, John David, M.B., B.S. - - - - 1961
Fiala, Jiri, LL.B. - - - - - - - - 1959
Fidge, Noel Hadden, B.Sc. - - - - - 1960
Fidock, Dean Henwood, B.E. - - - - 1952
Fiebig, Eric Ronald, B.Tech. - - - - - 1959
Field, Alan Kimber, B.A. - - - - 1956
Field, Frederick Laurence, LL.B. - - - 1936
Field, Graham John, Ph.D. (B.E., 1958) - 1964
Field, Peter Stewart, B.Ec. - - - - - 1964
Fielder, Donald Raymond, Ph.D. (B.Sc., 1958) - - - - - - - - - - - 1964
Fielding, John Mathew, M.B., B.S. - - - 1963
Fielding, Leonard Edmund, B.E. - - - 1937
Filipic, Marijan, M.B., B.S. - - - - - 1960
Filmer, Kenneth Frederick, B.D.S. - - - 1946
Filsell, Owen Holbrook, B.Sc. - - - - - 1954
Finch, Emily Olive B.A - - - - - - - 1913
Finch, Janette Helen, B.A. - - - - - - 1963
Finch, Peter Stewart, M.B., B.S. - - - 1952
Findlay, Marjorie Clifford, B.A. - - - - 1963
Finger, Martyn Rudolph, B.E. - - - - 1951
Finlay, Ada Jeanne, B.A. - - - - - - 1951
Finlay, Frederic Albert Montague, Mus.Bac. 1940
Finlay, Keith Warren, Ph.D. (W.A., 1953) 1961
Finlay, Richard John Malcolm, B.A. - - - 1963
Finlayson, Allan Harvey, B.E. - - - - - 1932
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922) - - - - - - - - - 1936
Finlayson, Frank Harvey, B.E. - - - - 1930
Finlayson, James Francis, B.Sc. - - - - 1940
Finn, Beatrice Mary, B.A. - - - - - - 1938
Finnis, John Mitchell, LL.B. - - - - - 1962
Finnis, Maurice Meredith Steriker, B.A. - 1937
Finucane, Kevin Eugene, M.B., B.S. - - - 1957
Fischer, Alastair James, B.Sc. - - - - 1964
Fischer, Arthur Frederick, LL.B. - - - - 1925
Fischer, Gerald Lyn, B.A. - - - - - - 1954
Fishburn, Thomas Harold, B.A. - - - - 1932
Fisher, Anthony Graham, M.B., B.S. - - - 1946
Fisher, Brian George, B.E. - - - - - - 1960
Fisher, Charles Douglas, M.A. (Oxford, 1953) 1963
Fisher, David John, B.E. - - - - - - - 1960
Fisher, Dean Francis, B.Tech. - - - - - 1960
Fisher, Francis Robert, LL.B. - - - - - 1950
Fisher, George Read, B.E. - - - - - - 1925
Fisher, Harry Medcalf, M.B., B.S. - - - 1922
Fisher, Helen Joan, B.Sc. - - - - - - 1955
Fisher, James Hubert Thomas, M.E. (B.E., 1934) - - - - - - - - - - - - 1950
Fisher, John Malcolm, B.Ag.Sc. (B.Sc.Agr., Sydney, 1953) - - - - - - - - - 1959
°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
Fitzsimons, Robert Owen, B.A. - - - - 1964
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
Flentje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne) - - - - - - - - - 1947
Fletcher, Ann Willoughby, B.A. - - - 1953
Fletcher, Enid Lilian, 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
Flew, Robert John, B.Ec. - - - - - - - 1964
Flierl, Hans Eric, B.E. - - - - - - - - 1957
Flint, Harold Elsden, M.A. (B.A., 1919) - 1927
Flint, Peter Leighton, LL.B. - - - - - - 1963
Flint, Richard Russell, B.E. - - - - - - 1942
Flock, Ernest Leslie, M.B., B.S. - - - - 1964
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
D.Sc. (Sheffield and Birmingham) - - 1963
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 Hern, B.Sc. - - - - - - - - 1961
Fong, Thin Yiew, B.E. - - - - - - - - 1958
Fong, Yeng Soh, B.E. - - - - - - - - - 1959
Foo, Chee Eng, B.E. - - - - - - - - - 1960
Foo, Chee Kok, B.Sc. - - - - - - - - - 1964
Foo, Seow Weng, B.Sc. - - - - - - - - - 1963
Foo, Thian Wooi, Anthony, B.E. - - - - 1964
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
Foote, George Buchanan, B.Sc. - - - - - 1934
Footner, Bruce Albert, B.Tech. - - - - - 1958
Forbes, Alexander James deBurgh, 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.D. (M.B., B.S., 1956) 1964
Forbes, William, B.A. - - - - - - - - 1936
Forbes, William McDougall B.Sc. - - - - 1961
Ford, Graeme West, B.Ag.Sc. - - - - - - 1964
Ford, James Albert, B.A. - - - - - - - 1919
Ford, John Mackay, B.Sc. - - - - - - - 1964
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, Waldie 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 Jacomb, B.E. - - - - - - 1955
Fotheringham, Brian James, B.Med.Sc. - - 1963
Fotheringham, James David, M.B., B.S. - 1937
Fotheringham, Walter Douglas, B.E. - - 1956
Foulis, John Bruce, B.Tech. - - - - - - 1964
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, Thomas Peter, B.Ec. - - - - - - 1964
Fowler, Trevor John, B. Ec. - - - - - - 1962
Fox, Bruce Spafford Owen, M.B., B.S. - - 1958

° Deceased.

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, Lenore Kay, B.Sc. - - - - - 1964
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
Freney, Martin Raphael, B.Sc. - - - - 1930
Freytag, Ian Bernard, B.Sc. - - - - - 1955
Frick, Anthony James, B.E. - - - - - 1962
Frick, Majorie May, LL.B. - - - - - 1934
Frick, Patricia Marian, LL.B. - - - - 1938
Frick, Ross Allen, B.Sc. - - - - - - 1958
Frickauss, Valdons Elmars, B.A. - - - - 1963
Fricker, Graham Andrew, B.E. - - - - 1955
Fricker, Lyall Peterie, B.Sc. - - - - - 1949
B.A. - - - - - - - - - - - - - 1951
Fricker, Norman Meshach, B.E. - - - - 1933
Fricker, Richard John, B.Sc. - - - - - 1955
Fricker, 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
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, Khyam Shen, B.E. - - - - - - - 1957
Furler, Graeme Walter, B.Sc. - - - - - 1963
Furler, Ian King, M.B., B.S. - - - - - 1948
Furness, Eric Taylor, B.Sc. - - - - - 1955
M.B., B.S. - - - - - - - - - - 1964
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
Gaffney, Robert John, B.Sc. - - - - - - 1964
Gagolski, Julian, Ph.D. - - - - - - - 1955
Galatiltis, 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
Gallus, 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
Gambling, David John, B.Sc. - - - - - - 1963
Gambling, 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
Garbaliauskas, 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, Phillippa 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, Anthony Norman, B.Ec. - - - - - 1964
Garton, Mary May, B.A. - - - - - - - - 1923
Gartrell, Eric Frank, M.B., B.S. - - - - 1921
Gartrell, Grant, B.Sc. - - - - - - - - 1964
Gartrell, Peter, M.B., B.S. - - - - - - 1963
Gaskell, Joan Mary, B.A. - - - - - - - 1945
Gaston, 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
Gayler, Kenwyn Ronald, B.Ag.Sc. - - - - 1962
Gayler, John Andrew, B.Sc. - - - - - - 1962
Gayler, Pamela Anne, B.A. - - - - - - - 1961
Gazard, Geoffrey Albion, B.A. - - - - - 1949
Gazard, John Anthony, B.E. - - - - - - 1935
Gaze, Belinda Jane, B.A. - - - - - - - 1964
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, M.A. (B.A., 1958) - - - 1964
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, Brian Ambrose, B.Ec. - - - - 1964
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, Nerida Fay, B.Sc. - - - - - - 1963
Gersteling, Harry, B.Sc. - - - - - - - 1961
Gervasi, Agostina Fausta, B.A. - - - - - 1963
Gervasi, Illa Lydia, LL.B. - - - - - 1961
Geytenbeek, David Robert, B.Sc. - - - 1952
Geytenbeek, Peter Everard, B.Ag.Sc. - - 1950
Giam, Choo Huat, B.E. - - - - - - - 1960
Gianakos, Eric Peter, B.Tech. - - - - - 1963
Gibb, Kenneth Murray, B.E. - - - - - 1942
Gibberd, Robert William, B.Sc. - - - - 1964
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. - - - - 1958
Gibbs, Margaret Isabel, B.Sc. - - - - 1962
Gibbs, Ronald Malcolm, B.A. - - - - 1960
Gibson, Bramwell St. Clair, B.Tech. - - 1958
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
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., 1938) - - - - - - - - - - - - 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
Gillion, Kenneth Lowell Oliver, Ph.D. (Australian National University, 1959) - - - 1963
Gillissen, Albert Johan, B.Arch. (New Zealand, 1958) - - - - - - - - - 1964
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
Gladigau, Rita Doreen, B.Ec. - - - - 1948
Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948) - - - - - - - - - - - - 1951
Glasson, Alan Raymond, B.Sc. - - - - 1964
Glasson, Leonard William Addison, M.E. (B.E., 1955) - - - - - - - - - 1958
Glastonbury, Dudley Ivan, B.Sc. - - - 1930
B.A. - - - - - - - - - - - - - - 1933
Glastonbury, James Oliver Garnet, B.A. - 1932
M.Sc. (B.Sc., 1928) - - - - - - - - 1935
Glastonbury, Keven, M.B., B.S. - - - - 1926
Glastonbury, Kevin Brian, M.B., B.S. - - - 1963
Glastonbury, William Francis, M.B., B.S. - 1964
Glayde, Ernest James, B.E. - - - - - 1927
Gledhill, John Douglass, B.E. - - - - 1952
Glenn, Graham Gordon, B.A. - - - - - 1958
Glenn, Margaret Joy, B.A. - - - - - - 1958
Glesinger, Marianne Antonie, M.B., B.S. - 1953
Gliddon, Alfred Bertram Keith, M.B., B.S. - 1948
Gliddon, 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, Lotte, Ph.D. - - - - - - - - - 1964
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
Gnanasanmugan, 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
Goh, Kim Kee, Ivy, B.Sc. - - - - - - 1964
Goh, Tong Hong, B.Sc. - - - - - - - 1964
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

° Deceased.

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, Trevor John, B.Sc. - - - - 1964
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, Roy Stanley, B.Sc. - - - - 1953
Goodridge, Malcolm John, B.Tech. - - - 1963
Goodwin, Geoffrey Leonard, B.A. - - - 1955
M.Sc. (B.Sc., 1951) - - - - - - 1959
Gordon, Bruce Rutherford, B.A. - - - - 1964
Gordon, Elizabeth Mary, B.Sc. - - - - 1964
Gordon, Ian Donald, B.E. - - - - - - 1959
Gordon, John Murray, Mus.Bac. - - - - 1953
B.A. - - - - - - - - - - - - - 1956
Gordon, John Vivian, M.D. (M.B., B.S., 1942) 1949
Gordon, Leslie Kenneth, LL.B. - - - - 1953
Gordon, Robin Bruce, B.E. - - - - - 1964
Goscombe, Peter Watson, B.Sc. - - - - 1959
Goss, Mary Blanche, B.A. - - - - - - 1936
Goss, Noel Frederick, B.A. - - - - - 1934
Gotjamanos, John, LL.B. - - - - - - 1962
Gotjamanos, Theo, B.D.S. - - - - - - 1964
Gottschall, Martin, B.E. - - - - - - 1960
Gough, John Lewis, B.A. - - - - - - 1945
Gough, Paul Lancelot, B.Sc. - - - - - 1964
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, Jeffrey Stephen, M.B., B.S. - - - 1964
Gower, Robert Pierce, M.B., B.S. - - - - 1961
Gower, Stephen Newman, B.E. - - - - 1964
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
Graham, Rosemary Lorna, B.A. - - - - 1964
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
Grant, Marjorie Ruth, B.A. - - - - - - 1930
Grant, Mary Raymond, M.Sc. (B.Sc., 1945) 1950
Grant, Richard Longford Thorold, M.B., B.S. 1918
Grasso, Rosario, M.Sc. (B.Sc., 1954) - - - 1961
Grastins, Dagnija, B.A. - - - - - - - 1960
Gratton, Gordon Sydney, LL.B. - - - - 1950
Gratton Marshall Gladstone, M.B., B.S. - 1941
Gratton, Mephan John, B.E. - - - - - 1934
°Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - - - - - - 1920
Grava, Andrejs, B.D.S. - - - - - - 1956
Grave, Keith Cyril, B.D.S. - - - - - 1956
Gray, Alexander Frederick, B.Sc. (Eng.) - - 1942
Gray, Allen Bruce, B.Sc. - - - - - - 1961
Gray, Diana Joan, B.A. - - - - - - 1963
Gray, Donald Mervyn, B.Ec. - - - - - 1958
Gray, Eric William, B.A. - - - - - - 1931
Gray, Frederic Victor, M.Sc. (B.Sc., 1935) - 1948
Gray, Harvey Hamilton, B.Ec. - - - - 1949
B.A. - - - - - - - - - - - - - 1952
Gray, Keith Douglas, M.B., B.S. - - - - 1926
Gray, Malcolm Forgan, LL.B. - - - - 1963
Gray, Maurice Chadwick, B.Sc. - - - - 1933
Gray, Neil Boon, Ph.D. (B.E., 1958) - - 1963
Gray, Rodney Leonard, B.E. - - - - - 1962
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered) - - - - - - - 1913
Cream, George Edward, Ph.D. (Cambridge, 1961) - - - - - - - - - - - 1962
Green, Alan Elston, B.Sc. - - - - - 1949
Green, Cynthia Joan, B.A. - - - - - 1945
Green, Donald Clare, B.Sc. - - - - - 1942
Green, Harry Edward, M.E. (B.E., 1957) - 1964
Green, Herbert Sydney, D.Sc. (Edinburgh) 1952
Green, Ian Edward Charles, B.A. - - - 1963
Green, Jennifer Lois, B.A. - - - - - - 1962
Green, John William, B.Sc. - - - - - 1953
Green, Lawrence Goodwin, B.Ec. - - - - 1951
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958) - - - - - - - 1960
B.A. - - - - - - - - - - - - - 1929
Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951)) - - - - - - 1961
Green, Mary Patricia, B.Sc. - - - - - 1954
Green, Patricia Marie, B.A. - - - - - 1959
Green, Peter Henry Jerome, LL.B. - - - 1963
Green, Ralph Noel, B.A. - - - - - - 1954
Green, Richard Maslen, B.A. - - - - - 1937
Green, Ronald Gordon, B.Sc. - - - - - 1949
Green, William Allan McInnes, B.E. - - - 1928
Greeneklee, Charles Sydney, B.Sc. - - - 1964
Greenfield, Vivian Hutchison, B.Sc. - - 1951
Greenhough, Arthur David, B.E. - - - 1942
Greenland, Dennis James, Ph.D. (Oxford, 1955) - - - - - - - - - - - 1960
Greenland, Patrick Cecil, M.A. (B.A., 1931) 1933
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered) - - - - - - - - - 1913
Greenlees, Alan William, B.Sc. - - - - 1964
Greenlees, Rollo, M.B., B.S. - - - - - 1937
Greenslade, Noel Walter, B.Sc. - - - - 1960
Greenway, Harold, B.E. (B.Sc., 1906, surrendered) - - - - - - - - - - - 1913
Greenway, Thomas Charles, B.Sc. - - - 1900
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - - - - - - - 1907
Greer, Henry Steven, M.B., B.S. - - - - 1952
Greet, Elizabeth Bronwen, B.A. - - - - 1958
Greet, Frank Hamilton, B.A. - - - - - 1953
Greet, Norman George Frank, M.A. - - - 1928
Greet, Raymond James, B.A. - - - - - 1957
Gregory, Cedric Errol, B.E. - - - - - 1931
B.A. - - - - - - - - - - - - - 1944
Gregory, Janet Phillis, B.A. - - - - - 1954
Grenfell, Ian Henry, B.A. - - - - - - 1957
Grewar, Lais Valerie, M.B., B.S. - - - 1952
Gribble, Albert Elijah, M.B., B.S. - - - 1929
Gribble, Cynthia May, B.A. - - - - - 1962
Grierson, John James, B.E. - - - - - 1937
Grieve, Ian Charles, LL.B. - - - - - - 1953
°Griff, Bernard, LL.B. - - - - - - - 1925
Griffin, Brian Richard, B.Ec. - - - - - 1961
Griffin, Danielle, B.A. - - - - - - 1949
Griffin, Donald Ward, B.E. - - - - - 1951
Griffin, Gerald John, B.A. - - - - - - 1957

° Deceased.

Griffin, Kenneth Trevor, LL.B. - - - - 1962
Griffin, Peter Thomas, B.Sc. - - - - - 1962
Griffiths, Anthony Royston Grant, B.A. - - 1964
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - 1947
Griffiths, George Townsend, Mus.Bac. - - 1915
Griffiths, Peter Royston, B.Ec. - - - - - 1962
Griffiths, Thomas Lester, LL.B. - - - - 1913
Grigg, David Lindsay, B.Arch. - - - - 1964
Griggs, Arden Michael, B.Arch. - - - - 1961
Griggs, Clarence Middleton, B.Sc. - - - 1924
Griggs, James Middleton, B.E. - - - - 1949
Grimes, Louisa Catherine, Mus.Bac. - - 1937
Grimwade, Arnold Elliott, B.Sc. - - - 1955
Grivell, Baden John, B.E. - - - - 1958
Grivell, Peter Desmond, M.B., B.S. - - - 1956
Gross, Gordon Flinders, M.Sc. (B.Sc., 1950) 1956
Gross, Klem Bassett, B.E. - - - - - 1924
Gross, Patricia Mary, B.A. - - - - - 1950
Grosse, John Allan, B.A. - - - - - - 1958
Grosser, Agnes Juliana Hulda, B.A. - - - 1910
Grosvenor, Cyril, B.D.S. - - - - - - 1925
Grosvenor, Edna Mary, M.A. (B.A., 1921) 1926
Grote, Albert Walter, M.B., B.S. - - - 1926
Grote, Fay, M.B., B.S. - - - - - - 1956
Grote, Keith Walter, B.D.S. - - - - - 1956
Grove, Richard Jeffrey, B.Arch. - - - - 1964
Groves, Murielle Annis Clemland, B.A. - -1937
Grubb, Yvonne, B.A. - - - - - - - - 1951
Grygorcewicz, Czeslaw, B.Sc. - - - - - 1964
Gubbay, Sasson Stephen, M.B., B.S. - - - 1957
Gubbins, Heather Welch, B.A. - - - - 1950
Gudkovs, Ariss, M.B., B.S. - - - - - 1955
Guerin, Bruce, B.A. - - - - - - - - 1964
Guerin, Michael, M.B., B.S. - - - - - 1964
Guerin, Robert Langley, M.B., B.S. - - - 1957
Guerin, Ronald St. Clair, B.E. - - - - 1953
Guinand, Andrew Paul, B.Sc. - - - - - 1932
Guinand, Mimi Helen, B.A. - - - - - - 1938
Gulland, David Lumgair, M.B., B.S. - - 1955
Gulland, Ian Ferris, M.B., B.S. - - - - 1956
Gulliver, Charles William, B.E. - - - - 1963
Gun, Richard Townsend, M.B., B.S. - - 1960
Gunaratnam, Daniel, B.E. - - - - - - 1962
Gunn, Archibald Keith, B.E. - - - - 1956
Gunn, James Allan Baikie, B.A. - - - 1959
Gunn, John Alexander, M.A. (Liverpool, 1919) - - - - - - - - - - - 1926
Gunning, Julienne Elizabeth Stannus, M.B., B.S. - - - - - - - - - - 1958
*Gunning, Norman Stannus, M.B., B.S. - - 1926
Gunson, John Grattan, M.B., B.S. - - - 1952
Gunson, John Michael Morphett, M.B., B.S. 1933
Gunton, James Donald, B.A. - - - - - 1938
Guppy, Douglas James, B.Sc. - - - - - 1944
Guppy (nee Knox), Joan Claudia, B.Sc. - - 1943
Gurner, Colin, M.B., B.S. - - - - - 1918
Gurner, Colin Marshall, M.B., B.S. - - 1942
Gurner, Ralph William, B.Tech. - - - 1963
Gurney, Harold Cyril, M.Sc. (B.Sc., 1930) - 1932
Gurr, Clifford George, B.Sc. - - - - 1947
Gurr, Graham Edward, Ph.D. (B.Sc., 1956) 1962
Gurry, David Cyril, B.A. - - - - - - 1964
Guster, Allan Frederick, B.E. - - - - 1951
Guthaner, Ernst M.B., B.S. - - - - - 1942
Guy, Robert William, B.Sc. - - - - - 1962
Guymer, Arthur Howes, M.B., B.S. - - - 1915
Guymer, Ernest Albert, M.B., B.S. - - - 1914
Guymer, Max William, M.B., B.S. - - - 1947
Gynther, Reginald Sydney, M.Ec. - - - 1964

H

Habib, Bernadette Dolores, M.B., B.S. - - 1954
Habich, Carl Gerhard, B.A. - - - - - 1932
Habich, Carl Julius, B.E. - - - - - - 1930
Hack, Gulielma, B.Sc. - - - - - - - - 1961
Hackett, Cecil John, M.D. (M.B., B.S., 1927) 1935
Hackworthy, Harold Stewart, B.Sc. - - - 1945
Haddad, Gerald Neil, B.Sc. - - - - - 1962
Haddow, Dennis James, B.Sc. - - - - - 1963
Haddow, Graham James, B.Tech. - - - - 1961
Haddow, Ian Hamilton, B.E. - - - - - 1963
Haddrick, Eric Murray, LL.B. - - - - - 1954
Haddrick, Peter Donald, B.E. - - - - 1953
Haden, John Forbes, B.A. - - - - - - 1953
Hadjandonis, George, B.Tech. - - - - - 1964
Haeffner, Paul Clifford, Ph.D. (Leeds, 1957) 1959
Haese, Beth Theodora, B.A. - - - - - - 1947
Haese, David Kinnear, LL.B. - - - - - 1957
*Haese, Ernst Alfred Wilhelm, B.A. - - 1943
Haese, Frederick Ernest Douglas, B.A. - 1950
Hagmeister, Karin Erika, B.A. - - - - 1964
Hague, John Stanley, B.A. - - - - - - 1956
Hague, Ralph Meyrick, LL.B. - - - - - 1932
Hahn, Hurtle William, B.A. - - - - - 1933
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 Coronel, M.B., B.S. - - - - 1911
Hains, Robert Myer, M.B., B.S. - - - - 1940
Hakendorf, Andrew John, M.B., B.S. - - - 1929
Haldane, Alexander David, B.Sc. - - - 1949
Hale, Malcolm Robert, B.E. - - - - - - 1962
Hale, Robert Palmer, B.Sc. - - - - - - 1954
Hall, Alfred Daniel, M.A. (Oxford) - - - - 1914
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951) - - - - - - - - - - - - 1956
Hall, Charles Fishbourne, M.A. (B.A., 1905) 1922
Hall, Christopher John, M.B., B.S. - - - 1963
Hall, Donald Richard, M.B., B.S. - - - - 1959
Hall, Elizabeth Adelaide Anne, B.Sc. - - 1959
Hall, Frederick Leonard, B.Ec. - - - - 1955
Hall, Geoffrey Charles, B.D.S. - - - - - 1958
Hall, Jocelyn Rosemary, B.A. - - - - - 1948
Hall, John McGregor, B.Sc. - - - - - - 1963
Hall, Marjorie Gertrude, Mus.Bac. - - - 1931
Hall, Norman Bruce, M.B., B.S. - - - - 1917
Hall, Robert Darwin, B.E. - - - - - - 1956
Hall, Valerie Lois, B.Sc. - - - - - - - 1962
Hall, William Oswald James, B.Sc. - - - 1950
Hallett, Evan Charles, M.B., B.S. - - - 1947
Hallett, Harold Sinclair, B.E. - - - - - 1932
Hallett, Joan, B.Sc. - - - - - - - - - 1960
Hallett, Reginald Thomas, B.E. - - - - - 1938
Halley, Winifred, M.B., B.S. - - - - - 1960
Halloran, Noel, M.B., B.S. - - - - - - 1953
Halse, Robert William, B.Tech. - - - - - 1964
Halwax, Karoly, M.B., B.S. - - - - - - 1959
Hamann, Keith Maurice, B.Sc. - - - - - 1953
Hambidge, Margaret Cecile, B.A. - - - - 1935
Hambly, Francis Sutherland, B.Ec. - - - 1957
Hambly, Peter Sutherland, B.A. - - - - - 1957
Hambly, William Frank, M.A. (Melbourne) 1952
Hamden, William Callil, M.B., B.S. - - - 1953
Hamdorf, Clifton John, Ph.D. (B.E., 1953) 1957
Hames, Muriel Jean, B.A. - - - - - - - 1941
Hamilton, David Wyndham, M.B., B.S. - - - 1959
Hamilton, Frank Alexander, B.E. - - - - 1941
Hamilton, Ian Ayliffe, M.B., B.S. - - - - 1924
Hamilton, Ian Michael, M.B., B.S. - - - - 1956
Hamilton, Ian Scott, LL.B. - - - - - - 1951
Hamilton, Jean Anne, B.Sc. - - - - - - 1947
Hamilton, Margaret Berner, B.Sc. - - - - 1952
Hamilton, Reginald Hewgill, M.B., B.S. - - 1925
Hamilton, Susan Kinley, B.A. - - - - - 1962
Hamilton, William Murray, M.B., B.S. - - 1944
Hammill, Robert Duncan, M.B., B.S. - - - 1942
Hammond, Brian George, B.Sc. - - - - - 1957
Hammond, Henry Grant, M.B., B.S. - - - - 1944
Hammond, John Michael, M.Sc. - - - - 1958
Hamp, Frances Marian, M.B., B.S. - - - - 1925
Hamra, Kameel Lawrence, M.B., B.S. - - - 1958
Hanckel, John Erhard, B.E. - - - - - - 1964
Hancock, Deane Glenn, B.Sc. - - - - - - 1964
Hancock, George Alfred, M.A. (B.A., 1901) 1909
Hancock, James Russell, B.Sc. - - - - - 1941
Hancock, John Owen, M.B., B.S. - - - - 1952
Hancock, Jonathan Yeatman, M.B., B.S. - - 1959
Hancock, Keith Jackson, Ph.D. (London, 1959) - - - - - - - - - - - - 1960
Hancock, Richard Russell, B.E. - - - - - 1958
Hancock, William Andrew, B.Sc. - - - - 1924
Hancock, Sir William Keith, M.A. (Oxford, 1930) - - - - - - - - - - - - 1931
Handley, Donald Alfred, M.B., B.S. - - - 1953
Handley, Harold Arthur, M.B., B.S. - - - 1951
Handley, Joan Marie, M.B., B.S. - - - - 1955
Handy, Helen Ellice, M.B., B.S. - - - - 1964
Hankel, Barbara Joan, B.A. - - - - - - 1954
Hann, Christopher Sinclair, B.Sc. - - - - 1962
Hanna, Marshall John Dawson, M.B., B.S. - 1962
Hanna, Robert Graham, B.Tech. - - - - 1960
Hannaford, Brian Douglas, B.Sc. - - - - 1945

* Deceased.

Hannaford, Ian Geoffrey, B.Arch. - - - - 1963
Hannam, Alan Gordon, B.D.S. - - - - - 1962
°Hannan, Albert James, M.A. (B.A., 1909) LL.B. - - - - - - - - - - 1914 1912
Hannan, Clare Reginald, LL.B. - - - - 1922
Hannan, Ian Ignatius, B.E. - - - - - - LL.B. - - - - - - - - - - - - 1949 1958
Hannan, John Spencer, LL.B. - - - - - 1958
Hannan, Mignonne Elizabeth, LL.B. - - 1955
Hannon, Dennis Francis, M.B., B.S. - - 1942
Hannon (née Lewis), Gweneth Elizabeth, B.D.S. - - - - - - - - - - - - 1932
Hannon, Pauline Mary, B.D.S. - - - - - 1963
Hansberry, Gerald Maxwell, M.B., B.S. - 1953
Hansberry, John Pierce, B.A. - - - - - 1945
Hansberry, Mary Estelle, B.Sc. - - - - 1951
B.A. - - - - - - - - - - - - - - 1954
Hansberry, Sara, B.A. - - - - - - - - 1962
Hansen, Ian Alfred, Ph.D. (B.Sc., 1948) - 1956
Hansen, Ian Victor, B.A. - - - - - - - 1950
Hansen, Ruth, B.Sc. - - - - - - - - - - 1956
Hansford, Clifford Gerald, D.Sc. (Cambridge) 1952
Hanson, Bertram Speakman, M.B., B.S. - 1928
Hanson, Thomas Anthony Speakman, M.B., B.S. - - - - - - - - - - - - - 1959
Hansson, Helgi, M.B., B.S. - - - - - - 1964
°Harbison, Alan Thomas, M.B., B.S. - - - 1927
Harbison, John Henry, M.B., B.S. - - - 1949
Harbison, Peter Alan, M.B., B.S. - - - 1953
Harbison, William Arthur, B.E. - - - 1938
Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956) - - - - - - - - - 1959
Harders, Clarence Waldemar, LL.B. - - 1944
Harding, Florence Mary, M.A. (N.Z., 1932) 1949
Harding, Philip Ernest, B.Med.Sc. - - - 1962
Hardy, Alfred Burton, LL.B. - - - - - 1898
Hardy (nee Beckwith), Anne Caroline, M.Sc., (B.Sc., 1944) - - - - - - - - - 1947
Hardy, Evan Lovell, B.E. - - - - - - 1935
Hardy, John Evans Simpson, M.B., B.S. - -1945
Hardy, John Howard, B.A. - - - - - - 1955
Hardy, John Scott, LL.B. - - - - - - 1926
Hardy, Mabel Phyllis, B.A. - - - - - - 1914
Hardy, Thomas Walter, B.Sc. (Eng.) - - 1947
Hare, Robert McKay, M.B., B.S. - - - - 1962
Hargrave, John Charles, M.B., B.S. - - - 1954
Hargrave, Nathaniel Charles, LL.B. - - 1938
B.A. - - - - - - - - - - - - - - 1939
Harkness, Robert, B.A. - - - - - - - 1907
Harley, David George, B.E. - - - - - 1953
Harley, James Froomes, M.B., B.S. - - - 1951
Harley, Marjory, B.A. - - - - - - - - 1925
Harley, Peter Ash, B.E. - - - - - - - 1956
Harman, Lewis Clive, B.D.S. - - - - - 1953
Harman, Ray, B.Ec. - - - - - - - - - - 1959
Harms, John Eric, M.Sc. (B.Sc., 1951) - 1960
Harms, Lois Philippa, M.B., B.S. - - - 1948
Harmstorf, Ian Arnold, B.A. - - - - - - 1961
Harniman, William Ronald, LL.B. - - - 1936
°Harper, Anthony, LL.B. - - - - - - - - 1926
Harper, Brian John, B.Tech. - - - - - 1961
Harper, Judith Mary, M.B., B.S. - - - 1957
Harper, Roger Michael, B.Sc. - - - - - 1963
Harper, Ronald George, B.A. - - - - - 1938
B.Ec. - - - - - - - - - - - - - 1947
Harries, John Robathan, B.Sc. - - - - 1963
Harries, Robert Ian, B.Ec. - - - - - - 1964
Harrington, Colin, B.A. - - - - - - - 1947
Harrington, Enid Gretta, B.A. - - - - 1950
Harrington, Joan Margaret, B.Sc. - - - 1945
Harrington, Reginald Frank, B.D.S. - - 1943
Harrip, Brian John, B.A. - - - - - - - 1950
Harris, Allan Cuthbert, B.Sc. - - - - - 1923
Harris, Beryl Ruth, B.A. - - - - - - - 1935
Harris, Cecil George, B.A. - - - - - - 1951
Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924) - - - - - - 1959
Harris, Clare Sparkes, LL.B. - - - - - 1925
Harris, David Hall, M.B., B.S. - - - - 1942
Harris, David John, M.B., B.S. - - - - 1952
Harris, David William, B.A. - - - - - - 1963
Harris, Digby Ian, M.B., B.S. - - - - - 1953
Harris, Dominic Richard, B.Tech. - - - - 1959
Harris, Donald Dunstan, M.A. (B.A., 1928) 1929
Harris, Donald Ernest, B.Tech. - - - - - 1960
Harris, Dorothy Mary, B.A. - - - - - - 1919
Harris, Dudley Andrew, B.A. - - - - - - 1938
Harris, Elizabeth Ann, B.A. - - - - - - 1964

Harris, Frank Randall, B.Ec. - - - - - - 1955
Harris, Ian Antrobus, M.B., B.S. - - - - 1949
Harris, James Dunbar, M.B., B.S. - - - - 1953
Harris, Jack Ronald, M.Sc. (B.Sc., 1943) - 1951
Harris, John, M.B., B.S. - - - - - - - 1924
Harris, John Alfred, B.Sc. - - - - - - - 1962
Harris, John Ernest, B.E. - - - - - - - 1949
Harris, Lorna Muriel, B.A. - - - - - - - 1934
Harris, Michael Charles, LL.B. - - - - - 1963
Harris, Peter Gordon, B.Ec. - - - - - - 1964
Harris, Robert Oxenberry, B.Ec. - - - - - 1958
Harris, Roger Lawrence Newton, Ph.D. (B.Sc., 1960) - - - - - - - - - - - 1964
Harris, Shirley Joyce, B.A. - - - - - - 1938
Harris, Sophie Dora, B.A. - - - - - - - 1928
Harris, Wayne Kingsley, B.Sc. - - - - - 1963
Harris, William Brocas, B.Ag.Sc. - - - - 1947
Harris, William Patrick, M.B., B.S. - - - 1933
Harrison, Denis Maxwell, LL.B. - - - - - 1964
Harrison, Geoffrey John, B.Arch. (Sydney, 1951) - - - - - - - - - - - - 1959
Harrison, Howard Raymond, B.Sc. - - - 1948
B.A. - - - - - - - - - - - - - 1955
Harrison, Jack, B.Ec. - - - - - - - - 1959
Harrison, Peter Linden, B.E. - - - - - - 1959
Harrison, Tom Scott, B.Tech. - - - - - - 1964
Harrison, Walter, B.A. - - - - - - - - 1929
Harrold, Colin Morse, M.B., B.S. - - - - 1953
Harry, Antony Romilly, LL.B. - - - - - 1961
Harry, Arthur Hartley, B.A. - - - - - - 1901
Harry, Geoffrey Courtenay, LL.B. - - - - 1925
Harry, Grant Varley, B.E. - - - - - - - 1953
Harry, Irene Pearl, B.A. - - - - - - - - 1915
Harry, Romilly Carveth, LL.B. - - - - - 1929
Hart, Arthur Maxwell, B.A. - - - - - - - 1950
Hart, David Henderson, B.Sc. - - - - - - 1942
Hart, Gavin, B.Sc. - - - - - - - - - - 1960
Hart, John Austin, B.E. - - - - - - - - 1961
Hart, Mary Margaret, B.A. - - - - - - - 1950
Hartill, Graeme Donald, M.B., B.S. - - - 1955
Hartley, Douglas Glen, B.Tech. - - - - - 1961
Hartmann, Galia Lynnette, B.A. - - - - - 1964
Hartshorne, Brian Herbert, M.B., B.S. - - 1952
Hartshorne, James Bruce, B.Sc. - - - - - 1963
Hartwig, Ivan David, B.Tech. - - - - - - 1959
Hartwig, Mervyn Carl, B.A. - - - - - - - 1961
Hartwig, Robert Eduard, B.Sc. - - - - - 1962
Harvey, Alison, B.A. - - - - - - - - - 1938
Harvey, Bernice Enid, Mus.Bac. - - - - - 1928
Harvey, Christine Alice, B.A. - - - - - - 1955
Harvey, Dean Lawrence, B.Sc. - - - - - - 1947
Harvey, Faith Fairbank, Mus.Bac. - - - - 1925
B.A. - - - - - - - - - - - - - - 1936
Harvey, Frederick George, M.A. (Yale, 1934) 1934
Harvey, John Whittle, B.Ec. - - - - - - - 1963
Harvey, Joseph Leonard, B.Tech. - - - - - 1960
Harvey, Raymond Hynson, B.E. - - - - - - 1936
Harvey, Richard Gilbert Mungo, B.Ag.Sc. - - 1948
Harvey, Wilbur Henry, B.E. - - - - - - - 1955
Harvie, Sydney Haral, B.Sc. - - - - - - 1927
Harwood, Denis Arthur, B.Sc. - - - - - - 1960
Harwood, John William, M.B., B.S. - - - - 1953
Haselgrove, Harold Frederick, M.B., B.S. - - 1946
Haselgrove, Helene Martha, B.A. - - - - - 1923
Haselgrove, Janet Storrie, B.Sc. - - - - 1950
Haselgrove, Richard Frederick, B.Ag.Sc. - - 1959
Haselgrove, Wilfred Eric, B.E. - - - - - - 1937
Haseloff, Milton Conrad, B.A. - - - - - - 1956
Hasenohr, David, B.Sc. - - - - - - - - 1951
Hasenohr, Edward, B.A. - - - - - - - - 1938
Hasenohr, Geoffrey, M.B., B.S. - - - - - 1948
Haskard, Donald Leith, B.E. - - - - - - 1962
Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925) - - - - - - - - - - 1936
Haskard, John Rex, B.Sc. - - - - - - - 1950
Haskard, Malcolm Rosswyn, M.E. (B.E., 1959) - - - - - - - - - - - - - 1964
Haslam, Christopher Osborne, B.Sc. - - - 1958
Haslam, Denise Allison, B.Sc. - - - - - 1953
Haslam, Jonathon Alaneil, B.A. - - - - - 1964
Haslam, Margaret Martha, M.B., B.S. - - 1935
Haslow, Peter Patrick, M.B., B.S. - - - 1964
Hassell, Frank Colin, B.E. - - - - - - - 1933
Hassell, Kathleen Lilian, M.A. (B.A., 1923) 1927
Haste, Mary Joan, B.A. - - - - - - - - 1941
Haste, Reginald Arthur, B.Sc. - - - - - 1911
M.B., B.S. - - - - - - - - - - - 1914
Hastings, Margaret Claire, M.B., B.S. - - 1958
Hastwell, Colin Brooke, B.E. - - - - - - 1963

° Deceased.

Hauser, Michael, B.A. - - - - - - - - 1964
Hauser, Robin, B.Arch. - - - - - - - 1963
Hawes, Brian Richard Albert, B.E. - - - 1953
Hawke, Cynthia Joy, B.A. - - - - - - 1957
Hawke, John Burton, M.B., B.S. - - - - 1954
Hawke, John Gardner, B.Sc. - - - - - 1954
Hawke, Vivian Lee, M.B., B.S. - - - - 1946
Hawken, Doris Marguerite, B.A. - - - - 1917
Hawker, Elizabeth Julie Seymour, B.A. - 1942
Hawker, Geoffrey Nelson, B.A. - - - - - 1964
Hawker, John Seth, Ph.D. (B.Sc., 1956) - 1962
Hawkes, Joan Muriel, B.A. - - - - - - 1955
Hawkes, Rose Adeline, B.A. - - - - - 1928
Hawkins, Frederick James, LL.B., B.A. - 1942
Hawkins, Henry Stuart, B.Ag.Sc. - - - - 1956
Hawryszkiewyez, Igor Titus, B.E. - - - 1961
Hay, Gordon Stuart Baron, M.B., B.S. - - 1958
Hay, Judith Alison Ruth, M.B., B.S. (Sydney, 1950) - - - - - - - - - - - - 1962
Hayball, John Frederick, B.Sc. - - - - 1958
Haydon, Anthony Peter, B.A. - - - - - 1961
Haydon, Donald George, B.A. - - - - - 1961
Haydon, Robert James, B.Tech. - - - - 1961
Hayes, Helen Margaret, B.A. - - - - - 1963
Hayes, Horace Townsend, M.B., B.S. - - 1936
Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953) - - - - - - - - - - - - 1958
Haynes, James Dalrymple, B.A. - - - - - 1950
Hayter, Robert John, B.Sc. - - - - - - 1963
Hayward, Edward Leo, LL.B. - - - - - 1925
Hayward, John, B.E. - - - - - - - - - 1953
Hayward, John Lionel, M.D. (M.B., B.S., 1932) - - - - - - - - - - - - - - 1936
Hayward, Judith Marie, B.Sc. - - - - - 1959
Hayward, Lancelot Alfred, M.B., B.S. - - 1914
Hayward, Norman William, B.A. - - - - - 1960
Hayward, Thomas Ronald, B.Ec. - - - - 1949
B.A. - - - - - - - - - - - - - - - 1953
Hayward, Walter Richard, B.A. - - - - 1934
Haywood, Edward Francis, M.B., B.S. - 1952
Head, John Graeme, B.Ec. - - - - - - 1954
Head, Malcolm Gordon, B.Tech. - - - - 1958
Heading, Christopher, M.B., B.S. - - - - 1964
Heading, Keith Edward George, B.Sc. - 1930
B.A. - - - - - - - - - - - - - - 1938
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893) - - - - - - - - - 1900
Heairfield, Ian Venters, B.Sc. - - - - - 1960
Healy, Anthony Hodgens, B.D.S. - - - - 1952
Healy, Peter, B.Sc. - - - - - - - - - 1948
Healy, Vincent Michael, B.Sc. - - - - - 1939
Heard, Kenneth Harold, M.B., B.S. - - - 1936
Heard, Lyall Scott, B.Sc. (Eng.) - - - - 1944
Heard, Malcolm Keith, B.Tech. - - - - - 1960
Heard, Terrence George, B.Ag.Sc. - - - - 1959
Hearn, Anthony Clem, B.Sc. - - - - - - 1958
Heaslip (nee Shorney), Barbara Kate, B.A. 1928
°Heaslip, William Gordon, M.B., B.S. - - - 1929
Heath, Carol Ann, B.A. - - - - - - - - 1964
Heath, George Ross, B.Sc. - - - - - - - 1960
Heath, Neil Stewart, Ph.D. - - - - - - - 1955
Heath, Ronald Bertram, B.E. - - - - - - 1941
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928) - - - - - - - - - - 1928
LL.B. - - - - - - - - - - - - - - 1932
Heaton, Herbert, M.A. (Leeds, 1912) - - - 1918
Heaysman, Clive, M.B., B.S. - - - - - - 1958
Hebart, Armin William, B.Sc. - - - - - - 1944
Hebart, Hans Friedemann, B.A. - - - - - 1961
Hebart, Siegfried Paul, M.A. (B.A., 1930) 1932
Hebart, Werner Friedrich, B.A. - - - - - 1934
Hecker, Joyce, B.A. - - - - - - - - - 1955
Hecker, Olive May, B.A. - - - - - - - - 1954
Hecker, Robert, M.D. (M.B., B.S., 1947) - 1956
Heddle, Frederic French, M.B., B.S. - - - 1935
Heddle, Robert Charles, M.B., B.S. - - - 1942
Heddle, Shirley, B.A. - - - - - - - - - 1947
Hedger, Dorothy Mavis, B.A. - - - - - - 1936
Hedger, Joy West, B.Sc. - - - - - - - - 1959
Hefford, Ronald Keith, M.Ec. (B.Ec., 1956) 1962
Heidenrich, George Bernhard Franz, B.A. - 1944
°Heighway, Freida Ruth, M.D. (Sydney, 1939) 1949
Heinemann, Mary Josephine, B.A. - - - - 1948
Heinemann, Mervyn Lambert, B.A. - - - - 1940
Heinjus, David Frederick, B.Tech. - - - - 1960
Heinrich, Harold Gordon, B.Ec. - - - - 1956
Heinrich, Jeff Dean, B.Sc. - - - - - - - 1949
Heinrich, Kevin John, B.Sc. - - - - - - 1962
Heithersay, Geoffrey Sinclair, B.D.S. - - - 1956
Heitmann, Dorothea Smith, M.B., B.S. - - 1949
Heitmann, John Smith, M.B., B.S. - - - - 1951
Helme, Patricia Ann, B.Sc. - - - - - - - 1964
Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948) - - - - - - - - - - 1957
Hemingway, Peter Cunliffe, B.Sc. - - - - 1949
Henderson, Eric Malcolm, B.E. - - - - - 1932
Henderson, James Young, B.Ec. - - - - - 1961
Henderson, Leonard Ross, B.Ec. - - - - - 1949
Henderson, Margaret Evelyn, B.A. - - - - 1956
Henderson, Murray Scott, B.Ec. - - - - - 1962
Henderson, Roland, LL.B. - - - - - - - 1926
Henderson, Ronald George, M.E. (B.E., 1957) - - - - - - - - - - - - - - 1962
Hendrickson, Douglas Buxton, M.B., B.S. - 1941
Hennessy, Denis Xystus Roche, B.Sc. - - - 1964
Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952) - - - - - - - - - - - - - 1959
Henning, Graydon Read, B.Ec. - - - - - 1961
B.A. - - - - - - - - - - - - - - - 1964
Henningsen, Marcus, B.E. - - - - - - - - 1952
Henschke, Lawrence Ronald, B.E. - - - - 1951
Henschke, Norman Frederick, B.Sc. - - - 1952
Hensel, David John, B.E. - - - - - - - - 1962
Hensel, Gordon Maxwell, B.Sc. - - - - - 1951
Herath, Meewakkala Mudiyanselage Jinadasa Willehad, B.Sc. - - - - - - - - - 1955
Herbert, Eileen Audrey, B.A. - - - - - - 1964
Herbert, Gilbert, M.Arch. (Witwatersrand, 1956) - - - - - - - - - - - - - - 1962
Herbert, Septimus Giffen Mills, B.Sc. - - 1949
Herbst, Kazimierz, B.Tech. - - - - - - - 1962
Hercus, Robert William, B.E. - - - - - - 1959
Heritage, Enid Helena, B.A. - - - - - - 1961
Herman, Eugene, B.A. - - - - - - - - - 1960
Hermes, Clarence Lindsay, LL.B. - - - - 1951
Heron, Ian Craig, B.Sc. - - - - - - - - 1962
Herriot, Robert Irvine, B.Ag.Sc. - - - - - 1932
Herriot, Ronald Melbourne, B.E. - - - - - 1952
Hersel, August Wilhelm, B.A. - - - - - - 1935
Hervey, Gordon Wayne, B.Sc. - - - - - - 1961
Herzog, Paul, B.A. - - - - - - - - - - 1953
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered) - - - - - - - - 1913
Heseltine, Samuel Richard, LL.B. - - - - 1908
Hester, David Albert, B.A. (Cambridge, 1956) - - - - - - - - - - - - - - 1958
Hester, Gwynn Thomas John, B.A. - - - - 1950
Hetherington, Robert, B.A. - - - - - - - 1951
Hetzel, Basil Stuart, M.D. (M.B., B.S., 1944) 1949
Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - - - - - - - - - - - - - 1926
Hetzel, Peter Stuart, M.D. (M.B., B.S., 1948) 1952
Heuer, Powel Max, B.Sc. - - - - - - - - 1953
Heuzenroeder, John Mathwin, B.A. - - - - 1962
Heuzenroeder, Peter Mathwin, LL.B. - - - 1960
Heuzenroeder, Reginald Leo, LL.B. - - - 1923
Hew, Tong Moy, B.Sc. - - - - - - - - - 1964
Hewett, Esther Jean, B.A. - - - - - - - 1938
Hewett, Peter Neil, B.Sc. - - - - - - - 1956
Hewgill, Frank Richmond, Ph.D. - - - - - 1955
Hewitson, Douglas Keith, M.B., B.S. - - - 1962
Hewitson, Gordon Frank, B.A. - - - - - - 1951
Hewitson, Malcolm Thomas, B.A. - - - - - 1951
Hewitt, Cecil Austin, LL.B. - - - - - - - 1924
Hewitt, Clement Barnett, LL.B. - - - - - 1961
Hewton, Anthony Walter, B.Sc. - - - - - 1957
Heyne, Carl William, B.D.S. - - - - - - 1949
Heyne, Ida Marie, B.A. - - - - - - - - - 1916
Heyne, Laura Olga Hedwig, M.A. - - - - - 1917
Heyward, Marie Louise, B.A. - - - - - - 1941
Hiatt, Jack Thomas, LL.B. - - - - - - - 1947
B.Ec. - - - - - - - - - - - - - - 1948
Hibbert, Kevin Malcolm, B.E. - - - - - - 1953
Hickey, Kathleen Veronica, B.A. - - - - - 1945
Hickinbotham, Alan David, B.Sc. - - - - - 1949
Hicks, Barry Leon, M.B., B.S. - - - - - - 1962
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) 1926
M.D. (M.B., Ch.B., N.Z., 1923) - - - - - 1936
Hicks, Dene Alan, M.B., B.S. - - - - - - 1948
Hicks, Edward Paul, M.B., B.S. - - - - - 1951
Hicks, Francis Gibson, LL.B. - - - - - - 1915
Hicks, Harry Ernest, B.Tech. - - - - - - 1962
Hicks, John Buchanan, B.Sc. - - - - - - 1960
Hicks, Michael D'Arcy Stanton-, M.B., B.S. 1962
Hicks, Neil Dennis, M.D. (M.B., B.S., 1948) 1960
Hicks, Peter George, B.Ag.Sc. - - - - - - 1961

° Deceased.

Hicks, Ronald Pettinger, B.Ec. - - - - 1960
Hicks, Warren Roseveare, B.Sc. - - - - 1944
Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E. - - - - - - - - - - 1956
Hiern, Maurice Noel, B.Sc. - - - - - - 1952
Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949) 1954
Higbed, David John, B.Ec. - - - - - - 1964
Higginbottom, Edwin Corlett, B.A. - - - 1920
Higginbottom, Edwin John, B.Ec. - - - 1950
Higgins, Alan Leslie, B.E. - - - - - - 1953
Higgins, Alfred James, B.A. - - - - - - 1930
Higgins, Bruce Ashley, M.B., B.S. - - - 1956
Higgins, Janine Margaret, B.Ec. - - - - 1963
Higgins, John William, B.A. - - - - - 1957
Higgins, Raymond Hugh Edward, B.Ec. - 1956
Higgs, Edward Davies, B.Ag.Sc. - - - - 1950
Hignett, Peter William, B.Arch. - - - - 1964
Hilbig, Maxwell John, B.E. - - - - - - 1955
Hilbig, Paul Berthold, B.A. - - - - - - 1930
Hilbrink, Janna, B.A. - - - - - - - - 1960
Hill, Albert Charles, B.A. - - - - - - 1914
Hill, Alma Isobel, B.A. - - - - - - - 1948
Hill, Arthur William, D.Sc. (Cambridge, 1918) - - - - - - - - - - - - 1927
Hill, Donald Gordon, B.E. - - - - - - 1959
Hill, Douglas Henry, M.B., B.S. - - - - 1949
Hill, Florence McCoy, B.Sc. (California, 1897) - - - - - - - - - - - - 1927
Hill, Geoffrey Noel, B.Sc. - - - - - - 1961
Hill, Hilda Mary, B.A. - - - - - - - - 1908
Hill, Ivan William, B.Sc. - - - - - - - 1956
Hill, John, B.Sc. - - - - - - - - - - 1922
Hill, John Albert, B.Sc. - - - - - - - 1943
Hill, John Distin, B.Sc. - - - - - - - 1940
Hill, John Manners, M.B., B.S. - - - - - 1958
Hill, John Seymour Thew Tregarthen, M.B., B.S. - - - - - - - - - - - - 1941
Hill, Kenneth Arthur, B.Sc. (Eng.) - - - 1950
Hill, Malcolm, B.E. - - - - - - - - - 1951
Hill, Malcolm Kingsley, B.Tech. - - - - 1963
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952) 1957
Hill, Peter, B.Tech. - - - - - - - - - 1962
Hill, Robert Maxwell, B.Sc. - - - - - - 1963
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - - - - - - - - - 1920
Hillier, Howard Armstrong, B.E. - - - - 1950
Hills, Neville Francis, M.B., B.S. - - - 1957
Hillwood, Eric Ronald, B.Sc. - - - - - - 1963
Hilton, Arthur Robert, B.A. - - - - - - 1909
Hilton, Frank Morphett, B.Ag.Sc. - - - - 1948
Hilton, Keith Denyer, LL.B. - - - - - - 1949
Hinc, Feliks-Alfons, B.E. - - - - - - - 1957
Hinckfuss, Ian Charles, B.A. - - - - - 1964
Hinde, James Tempest, B.Sc. - - - - - 1941
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949) 1952
Hine, Florence Pauline, B.A. - - - - - 1947
Hines, Judith Helen, B.A. - - - - - - - 1964
Hipper, John Douglas, B.Arch. (Melbourne, 1950) - - - - - - - - - - - - 1962
Hirst, John Bradley, B.A. - - - - - - - 1963
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941) 1950
Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950) - - - - - - - - - - 1952
Hiscock, Kenneth George, B.D.S. - - - - 1952
Hiscock, Stephen West, B.Sc. - - - - - - 1949
Hisgrove, Gladys, B.A. - - - - - - - - 1936
Hiskey, Thomas Alan, B.A. - - - - - - - 1949
Hislop, Ian Gordon, M.B., B.S. - - - - - 1958
Hitchcox, Alison Rosemary, B.A. - - - - 1955
Hitchcox, Alfred Clarke, M.A. (B.A., 1924) 1932
Hitchcox, Joyce Mary, B.A. - - - - - - - 1949
Hiu Hock Leng, B.E. - - - - - - - - - 1958
Ho, Quet Kong, James, M.B., B.S. - - - - 1964
Ho, Shui, B.E. - - - - - - - - - - - - 1955
Ho. Siew Yin, B.Ec. - - - - - - - - - - 1963
Hoar, Barbara Charlotte, B.Sc. - - - - - 1948
Hoare, Charles Gilles Lucas, M.B., B.S. - - 1955
Hoare, Lehonde Lucas, M.B., B.S. - - - - 1949
Hoare, Richard John, B.Ec. - - - - - - 1962
Hobbs, Alan Frank, M.B., B.S. - - - - - 1922
Hobbs, Brian Kenneth, M.B., B.S. - - - - 1956
Hobbs, Graham Alan, M.B., B.S. - - - - 1955
Hobbs, Ian Harold, M.B., B.S. - - - - - 1948
Hobbs, Michael Sydney Talbot, M.B., B.S. - 1956
Hobbs, William Harris, M.B., B.S. - - - - 1958
Hobden, Joan Frances, B.Sc. - - - - - - 1952
Hocking, Brian Dominic Windsor, B.A. - - 1960
Hocking, Colin Stanley, B.Sc. - - - - - 1949
Hocking, Frank Maxwell, B.Sc. - - - - - 1929
Hocking, Ian Winston, M.B., B.S. - - - - 1960
Hocking, Kevin, B.E. - - - - - - - - - 1953
Hockney, Barry Herbert, B.Sc. - - - - - 1955
Hodan, Miroslav, M.Ec. (B.Ec., 1953) - - - 1956
Hodby, Frederic Stephen, LL.B. - - - - - 1925
Hodby, Kenneth Wellesley, M.B., B.S. - - - 1936
Hodby, Lindley David, M.B., B.S. - - - - 1929
Hodge, Brian Jack, B.A. - - - - - - - - 1964
Hodge, Philip Richard, M.B., B.S. - - - - 1952
Hodge, Robert Ley, M.B., B.S. - - - - - 1956
Hodge, Warren, B.Tech. - - - - - - - - 1963
Hodge, Warren David Payne, B.A. - - - - 1962
Hodgkinson, Peter Willis, B.Ec. - - - - - 1952
Hodgson, Ian Harold, B.D.S. - - - - - - 1950
Hodgson, Richard Berkeley, M.B., B.S. - - 1959
Hodson, Allin Charles, B.Sc. - - - - - - 1963
Hoepner, Robert John, B.E. - - - - - - 1959
Hoff, Lothar Clemens, M.B., B.S. - - - - 1953
Hoffman, Desmond Charles, M.B., B.S. - - 1962
Hoffman, Jack, M.B., B.S. - - - - - - - 1951
Hoffman, Mervyn John, M.B., B.S. - - - - 1960
Hogan, Margaret Mary, B.A. - - - - - - 1950
Hogan, Philip Cornelius, M.B., B.S. - - - 1928
Hogarth, David Stirling, LL.B. - - - - - 1931
Hogarth, Rosamond Elizabeth Goldney, B.Sc. 1963
Hogben, Roy, B.Sc. - - - - - - - - - 1950
Hoh, Kam Yong, B.Sc. - - - - - - - - - 1961
Hoh, Kiang Hoy, B.E. - - - - - - - - - 1962
Hoile, Douglas Edward, M.B., B.S. - - - 1951
Hoile, Edward Murray, M.B., B.S. - - - - 1953
Hokin, John Andrew Baird, M.B., B.S. - - 1960
Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - - - - - - - - - 1926
Holden, Ethel, B.A. - - - - - - - - - 1931
Holden, Geoffrey Raymond, B.Sc. - - - - 1951
Holden, Ralph William, B.Tech. - - - - - 1958
Holden, Robert William, B.E. - - - - - - 1950
Holder, Alison Joyce, Mus.Bac. - - - - - 1941
Holder, Ethel Roby, M.A. - - - - - - - 1901
Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered) - - - - - - - - - - 1913
Holder, Sophia Ellen, B.A. - - - - - - - 1906
Holdich, John Rodger, B.A. - - - - - - - 1960
Holding, Barry John, B.Ec. - - - - - - - 1959
Holding, Sheilah Dolby, B.A. - - - - - - 1943
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. - - - - - 1956
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
Holloway, Irene Isabel, B.A. - - - - - - 1964
Holman, Lawson James, M.B., B.S. - - - - 1954
Holmes, Angas 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

* Deceased.

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
Hopcroft, 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
Horne, David James de Lancy, B.A. - - 1964
Horner, Frances Jane, B.A. - - - - - 1960
Horsell, Marilyn Dorothy, B.Sc. - - - - 1964
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
Horwood, Jennifer Mary, B.Sc. - - - - 1964
Hosking, Alexa Anne, B.Sc. - - - - - 1959
Hosking, Anthony John, B.Sc. - - - - - 1962
Hosking, 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 George, B.Sc. - - - - - 1964
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 Gliddon, B.Sc. - - - - 1952
Hughes, Robert Douglas, B.D.S. - - - - 1938
Hughes, Robert George, B.Sc. (Eng.) - - 1942
Hughes, Rosalind Selwyn, B.A. - - - - - 1964
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
Hume, Neal Jeremy, LL.B. - - - - - - 1964
Humphrey, Edwin Vincent, B.Tech. - - - 1960
Humphries, 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, Erminia, B.D.S. - - - - - 1962
Hunkin, Leonard Dale, LL.B. - - - - - 1935
Hunkin, Milton Philip, B.A. - - - - - - 1954
Hunt, Arnold Dudley, B.A. - - - - - - 1942
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952) 1957
Hunt, Max Aubrey, B.E. - - - - - - - 1931
Hunter, Betty Vera, B.Sc. - - - - - - 1947
Hunter, Brian Oswald, LL.B. - - - - - 1932
Hunter, Doris, B.A. - - - - - - - - 1924
Hunter, Geoffrey Alan, M.B., B.S. - - - 1942
Hunter, Ronald, M.B., B.S. - - - - - - 1944
Hunter, Thomas Bowden, M.B., B.S. - - 1944
*Hunwick, Arthur Philip, B.E. - - - - - 1929
Hunwick, Leonard William, LL.B. - - - 1936
Huppatz, John Lawrence, Ph.D. (B.Sc., 1960) 1964
Hurley, 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, Desmund 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
Hutson, Nicholas James, B.Sc. - - - - 1964

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, Miriam 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
Im, Lai Hung, M.B., B.S. - - - - - - 1964
°Ingamells, Dora, B.A. - - - - - - - 1909
°Ingamells, Eric Marfleet, B.A. - - - - 1908
Ingleby, Aileen Constance, LL.B. - - - 1921
Ingleton, Christine, B.A. - - - - - - - 1963
Ingleton, Peter Raymond, B.E. - - - - 1964
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, Norman Arthur, M.A. (B.A., 1913) 1932
Irvine, Beatrice May, M.B., B.S. - - - 1941
Irving, Denys Benson, B.Sc. - - - - - 1950
Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949) - - - - - - - - - 1954
Irving, Henry Edward, LL.B. - - - - - 1933
Irving, Iris Mary, B.A. - - - - - - - 1950
Irving, Roger John, M.Sc. (B.Sc., 1945) - 1948
Irwin, Bernard John, B.Ec. - - - - - - 1957
Irwin, Edith French, B.Sc. - - - - - - 1939
Irwin, Graham Wilkie, B.A. - - - - - - 1947
Irwin, John Francis, B.D.S. - - - - - - 1951
Irwin, Robert Newenham, LL.B. - - - - 1929
Irwin, William Morris, M.B., B.S. - - - 1938
Isaac, Alfred Frank, B.Sc. - - - - - - 1959
Isaachsen, Margaret Lynette, B.Sc. - - - 1961
Isaachsen, Oscar Cedric, LL.B. - - - - 1932
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931) - - - - - - - - - - - 1937
Iskander, Sastrawidjaja, B.Tech. - - - - 1964
Iskanto, Raden, B.E. - - - - - - - - 1962
Isles, Keith Sydney, M.A. (Cambridge, 1933) 1941
Ismar, Sjamsir, B.E. - - - - - - - - 1963
Isom, Constance Ruth, B.A. - - - - - 1934
Iverson, Geoffrey John, B.Sc. - - - - - 1964
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
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, Ph.D. (B.Sc., 1959) - - - - - - - - - - 1964
Jackson, John Frederick, B.Sc. - - - - 1945
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, Brenton Edward, B.Sc. - - - - - 1964
James, Brian Harold, B.Sc. - - - - - - 1961
James, Brian Norman, B.E. - - - - - - - 1955
James, Clarence Keith, B.E. - - - - - 1932
James, Clive Morgan, M.B., B.S. - - - - 1964
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
M.E. (B.E., 1921) - - - - - - - - 1932
James, William Rex, M.B., B.S. - - - - 1928
Jamieson, Glen McRae, B.Tech. - - - - 1964
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, Malcolm Lindsay, B.E. - - - - - 1964
Jansen, Marcus Gordon, M.B., B.S. - - - 1943
Jansen, Peter Edgar, B.Arch. - - - - - 1962
Janzow, Eric Herbert Martin, B.A. - - - 1940
Jaques, Winnifred Ruth Christine, B.A. - 1964
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
Jedrzejczak, Waclaw 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
Jefferis, Arthur Tarlton, B.Sc. - - - - - 1908
Jeffery, William George, B.Sc. - - - - - 1962
Jeffreson, Ian Scott, LL.B. - - - - - - 1962
Jeffrey, Peter Dalrymple, B.Sc. - - - - 1960
Jeffries, Elizabeth Shirley, B.A. - - - - 1957
Jeffries, John Singleton, M.B., B.S. - - - 1942
Jeffries, Lewis Wibmer, M.B., B.S. - - - 1907
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952) 1953
°Jeffries, Sir Shirley Williams, LL.B. - - 1909
Jellett, Leon Barry, M.B., B.S. - - - - - 1960
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945) - - - - - - - - - - 1951
Jelly, Michael Thomas James, M.B., B.S. - 1963
Jemison, Robert William, B.Sc. - - - - - 1964
Jenke, Dudley Conrad, B.Sc. - - - - - - 1950
Jenkin, Alfred John Roseland, B.A. - - - 1932
Jenkin, Beth Lenore, B.A. - - - - - - - 1940
Jenkin, John Grenfell, B.Sc. - - - - - - 1960
Jenkin, Mabel Gertrude, B.A. - - - - - - 1928
Jenkin, Philip Ross, B.Ec. - - - - - - - 1960
Jenkin, Robert Haydon, B.A. - - - - - - 1962
Jenkins, Heather Gordon, B.Sc. - - - - - 1950
Jenkins, Rex Desmond, B.A. - - - - - - 1941
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) - - - - - - - - - - - - 1922

° Deceased.

Jenner, Anthony Martin, B.E. - - - - 1952
Jenner, Monica Marie, B.A. - - - - - 1959
Jennings, Allen Charles, M.Sc. - - - - 1963
Jennings, Bruce Arthur, B.E. - - - - 1950
Jennings, Colin Bruce, B.Sc. - - - - - 1962
Jennings, Robert Edward, B.Sc. - - - - 1952
Jennison, Raymond Barraclough, B.E. - - 1950
Jens, John Matthias Joseph, M.B., B.S. - 1934
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - 1947
Jensen, Peter Rolf, B.Arch. - - - - - 1963
Jensen, Richard Ian Broughton, B.A. - - 1951
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933) - - - - - - - - - - - 1957
Jensen, Tom Broughton, B.E. - - - - 1938
Jephcott, Bruce Reginald, B.Sc. - - - - 1950
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941) - - - - - 1959
Jericho, Arnold Mervyn, B.E. - - - - 1938
Jericho, Lois Joy, B.A. - - - - - - - 1961
Jessup, Allan Aubrey, M.B., B.S. - - - 1952
Jessup, George Aubrey, LL.B. - - - - 1963
Jessup, Leonard Clive, M.B., B.S. - - - 1952
Jessup, Rupert William, M.Sc. (B.Sc., 1945) 1948
Jew, Ronald William, LL.B. - - - - 1937
Jewell-Thomas, Stephen Rutter Culross, B.E. 1954
Johinke, Albert Keith, B.E. - - - - - 1952
John, Glen Owen, B.E. - - - - - - - 1951
John, Ian David, B.A. - - - - - - - - 1961
John, Lloyd Vincent, B.A. - - - - - - 1954
Johncock, Leonard Percy, B.A. - - - - 1926
Johns, Bennett Gilbert Langman, B.Sc. - 1937
Johns, Darby Richard, B.Ec. - - - - - 1958
Johns, Malcolm Grant, B.Sc. - - - - - 1960
Johns, Robert Edwin, B.E. - - - - - - 1960
Johns, Robert Keith, M.Sc. (B.Sc., 1948) - 1960
Johns, Rodger Norman, B.E. - - - - - 1960
Johns, Rowland Walden, B.E. - - - - - 1951
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953) 1955
Johnson, Bruce, Ph.D. (London, 1955) - - 1956
Johnson, Christopher Malcolm, B.E. - - 1952
Johnson, Darlene Fraser, B.A. - - - - 1957
Johnson, Dorothy Mavis, B.A. - - - - - 1931
Johnson, Edwin Ralph, B.A. - - - - - - 1931
Johnson, Eleanor Elizabeth, B.Sc. - - - 1957
Johnson, Francis Henry, M.A. (Oxford, 1946) 1952
Johnson, Francis James, B.E. - - - - - 1952
Johnson, Jeffery William Harwood, LL.B. - 1951
Johnson, Keith Douglas, B.Sc. - - - - - 1950
Johnson, Margaret Isabel, B.A. - - - - 1952
Johnson, Michael, B.Ec. - - - - - - - 1963
Johnson, Neil Camac, B.Tech. - - - - - 1963
Johnson, Nicholas, B.Med.Sc. - - - - - 1962
Johnson, Peter Ralph, B.Sc. - - - - - - 1941
Johnson, Robert Douglas, B.E. - - - - - 1955
Johnson, Robert Vincent, Ph.D. (Manchester, 1952) - - - - - - - - - - - - 1959
Johnson, Ronald Lisle, LL.B. - - - - - 1937
Johnson, Ross Gordon, M.B., B.S. - - - - 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
Johnston, Margaret Catherine, M.B., B.S. - 1961
Johnstone, William Watson, M.E. (B.E., 1937) - - - - - - - - - - - - - 1947
Jolly, Bertram Morris, M.B., B.S. - - - - 1937
Jolly, Dennis Rawson Penfold, B.Sc. - - - 1953
Jolly, Donald, B.Sc. - - - - - - - - - 1945
Jolly, Erica Annette, B.A. - - - - - - - 1956
Jolly, Meryl Ann, B.A. - - - - - - - - 1963
Jolly, Peter Lewis, B.Sc. - - - - - - - 1962
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - - - - - - - - - - - 1936
Jolly, William Alfred Swinburne, B.E. - - 1948
Jolly, William Richard, Norman, B.Sc. - - 1933
Jona, Jacob, B.Sc. - - - - - - - - - - 1908
B.A. - - - - - - - - - - - - - - - 1937
Jona, Judah Leon, D.Sc. - - - - - - - - 1910
M.B., B.S. (Melbourne, 1911) - - - - 1917
M.S. - - - - - - - - - - - - - - - 1919
Jonas, Oswald, M.B., B.S. - - - - - - - 1959
Jones, Alan Stuart, B.Sc. - - - - - - - 1960
Jones, Alan Thomas Britten, M.B., B.S. - - 1921
Jones, Albert Walter, B.Sc. - - - - - - 1932
M.A. (B.A., 1937) - - - - - - - - - 1944
Jones, Beverley Lillian, B.A. - - - - - - 1959
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - - - 1949
B.Ec. - - - - - - - - - - - - - - 1958
Jones, Conway Jeffrey, B.Sc. (Eng.) - - - 1945
Jones, David Garred, B.Sc. - - - - - - - 1964
Jones, David Lewis, M.B., B.S. - - - - - 1950
B.Sc. - - - - - - - - - - - - - - 1963
Jones, Doris Egerton, B.A. - - - - - - - 1911
Jones, Dorothy Irene, B.A. - - - - - - - 1945
Jones, Dorothy Lilian May, M.A. - - - - - 1961
Jones, Geoffrey Hedley, M.B., B.S. - - - 1947
Jones, Graham Roy, B.E. - - - - - - - - 1964
Jones, Gwynfred, B.Sc. - - - - - - - - 1926
Jones, Helen Patricia, B.A. - - - - - - - 1948
Jones, Herbert William, B.E. - - - - - - 1939
Jones, Jean Murray, M.B., B.S. - - - - - 1944
Jones, Jeanette Rosemary, B.A. - - - - - 1963
Jones, John Brett, Ph.D. (Wisconsin, 1958) 1960
Jones, Keith Gerald, B.Ec. (B.Com., Melbourne, 1956) - - - - - - - - - - - 1961
Jones, Kelvin Lindsay, B.Sc. - - - - - - 1945
Jones, Kenneth Thomas, M.B., B.S. - - - 1951
Jones, Evan Mander-, M.A. (Oxford, 1937) - 1948
Jones, Margaret Britten, B.A. - - - - - 1947
Jones, Marie Katherine, B.A. - - - - - - 1961
Jones, Michael John, B.A. - - - - - - - 1954
Jones, Reginald John, B.A. - - - - - - - 1948
Jones, Richard Alan, Ph.D. (Cambridge, 1960) - - - - - - - - - - - - - 1962
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - - - - - - - - - - 1948
Jones, Robert Britten, M.B., B.S. - - - - 1952
Jones, Robert Howard, B.Sc. - - - - - - 1940
Jones, Rosemary Frances Hackett, B.A. - - - 1962
Jones, Trevor Robert, M.E. (B.E., 1961) - - 1964
Jordan, Alec Simpson, M.B., B.S. - - - - 1964
Jordan, Dierdre Frances, B.A. - - - - - 1947
Jordan, Denis Oswald, D.Sc. (London, 1953) 1955
Jorgensen, Donald Murray, M.B., B.S. - - - 1953
Jorgensen, Francis Richard Arthur, B.E. - 1960
Jory, Rodney Leonard, B.Sc. - - - - - - 1959
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - 1947
Jose, David Gilbert, M.B., B.S. - - - - - 1963
Jose, Edward Salisbury, B.A. (Oxford, 1904) 1905
Jose, Geoffrey Alan, M.B., B.S. - - - - - 1948
Jose, John Salisbury, M.B., B.S. - - - - 1957
Jose, Sir Ivan Bede, M.S. (M.B., B.S., 1915) 1923
Joseph, George, LL.B. - - - - - - - - 1938
Joseph, Hapuarachchige Don Austin Carlo, B.Sc. - - - - - - - - - - - - - 1956
Joseph, Kanianthra Thomas, M.Ag.Sc. - - - 1958
Joshi, Jagan Nath, M.B., B.S. - - - - - - 1958
Joske, John Webster, M.B., B.S. - - - - 1955
Joyce, Rosalie Woodruff, B.A. - - - - - 1929
Joyner, Malcolm Stewart, B.D.S. - - - - 1926
Joyner, Max Frederick, LL.B. - - - - - 1913
Judd, James, B.A. - - - - - - - - - - 1954
Judd, Percival Richard Henry, B.A. - - - 1934
B.Ec. - - - - - - - - - - - - - - 1938
Jude, Gertrude Josephine, B.Sc. - - - - 1901
Judell, Maurice Wolff, B.Sc. - - - - - - 1903
Judell, Trevor Leopold, B.Sc. - - - - - 1947
Judell, Vivienne, LL.B. - - - - - - - - 1933
Juett, Christina Margaret, M.A. (B.A., 1929) 1933
Juhasz, Ferenc, B.Ec. - - - - - - - - 1958
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) - - - - - - - 1914
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1926) - - - - - - - - - - - - - 1949
Jungfer, Lorenz Wilfred, B.D.S. - - - - - 1933
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) - - - - - - - - 1914
Juttner, Prudence Anne, B.Sc. - - - - - 1952

K

Kaaosai, 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

Kalnins, 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
Kandiah, 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
Kappler, 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
Karran, Peter Douglas, B.Sc. - - - - - 1964
Karthigasu, Kula Thungam, B.Sc. - - 1960
Kartomi, Hidris, B.Tech. - - - - - - 1963
Kartomi, Margaret Joy, B.A. - - - - - 1963
Mus.Bac. - - - - - - - - - - - - 1964
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
Kavanagh, Bernard Francis, B.E. - - - - 1964
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, Mouat 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
Kazanski, Boris, B.Arch. - - - - - - - 1964
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
Keany, 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
Kelly, Kieran Carmichael, LL.B. - - - - 1963
Kelly, Michael, M.D. (M.B., B.S., 1928) - 1945
Kelly, Michael Lawrence, LL.B. - - - - 1928
Kelly, Noel Robinson, B.Sc. - - - - - 1964
Kelly, Patrick Joseph, LL.B. - - - - - 1924
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. (Cambridge, 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, Helen Margaret, B.Sc. - - - - 1964
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., (Cambridge, 1955) - - - - - - - - - 1956
Kentish, Peter Horwood. B.A. - - - - - 1960
Kentish, Timothy David, B.Ag.Sc. - - - - 1949
Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925) - - - - - - - - - - - 1945
Kerin, John Francis, B.A. - - - - - - 1949
Kerin, Kevin Vincent, LL.B. - - - - - 1952
Kerin, Mary Bridget, B.A. - - - - - - 1960
Kermode, Merrowyn May, B.A. - - - - - 1962
Kernick, Colin Geoffrey, M.B., B.S. - - - 1963
Kerr, Allen, Ph.D. - - - - - - - - - - 1956
Kerr, Colin Gregory, M.A. (B.A., 1934) - 1937
Kerr, David Ian Beviss, 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
Ketley, Christopher Layzell, B.A. - - - - 1964
Ketteridge, Colin Ralph, B.D.S. - - - - 1956
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, M.E. (B.E., 1959) 1964
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
Kildea, Mary Francis, B.A. - - - - - - 1940
Kilgariff, Ian Warner, LL.B. - - - - - 1964
Kilgariff, Joseph Thomas, B.E. - - - - 1942
Kilgariff, Ronald Desmond, B.Sc. - - - - 1948
Killmier, Arthur Clifford, B.A. - - - - 1929
Kilmier, Betty Margaret, B.A. - - - - - 1953
Kilpatrick, Iain David, B.E. - - - - - 1960
Kimber, Gillian, B.A. - - - - - - - - - 1961
Kimber, Hugh Robert Reid, B.E. - - - - 1940
Kimber, Jennifer, B.A. - - - - - - - - 1959

* Deceased.

Kimber, Maxwell James, B.E. - - - - 1964
Kimber, Pamela, B.A. - - - - - - - 1947
Kimber, Richard John, B.D.S. - - - - - 1953
M.B., B.S. - - - - - - - - - - 1961
Kimber, Robert James, B.A. - - - - - 1960
Kimber, Ronald Walter Lincolne, Ph.D. (B.Sc., 1956) - - - - - - - - 1960
Kindler, John Ernest, M.E. (B.E., 1928) - 1930
King, Brian Maxwell, B.E. - - - - - 1956
King, Colin George, B.D.S. - - - - - 1938
King, David McMillan, M.B., B.S. - - - 1963
King, Donald, M.Sc. (B.Sc., 1948) - - - 1950
King, Edwin George, B.A. (Western Australia, 1942) - - - - - - - - - 1958
King, Frances Mary, B.A. - - - - - - 1960
King, Jack Naisbitt, M.A. (Cambridge, 1956) 1956
King, Leonard James, LL.B. - - - - - 1951
King, Margaret Jessica Esmée, Mus.Bac. - - 1962
King, Robert Bruce, B.Sc. (Sydney, 1947) - 1960
King, Tania Leonie, M.B., B.S. - - - - 1963
Kingston, Anthony Ian, B.D.S. - - - - 1961
Kingston, Patricia Joan, B.A. - - - - 1964
Kinloch, Hector Gilchrist Lusk MacTaggart, Ph.D. (Yale, 1960) - - - - - - - - 1961
Kinlough, Margaret Anne, M.D. (M.B., B.S., 1958) - - - - - - - - - - - 1963
Kinlough, Raelene Lorna, M.B., B.S. - - - 1961
Kinnaird, Malcolm Alexander, B.E. - - - 1959
Kinnane, Kenneth James, B.D.S. - - - - 1952
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - 1947
Kinnear, Andrew Munro, B.E. - - - - - 1950
Kinnear, Gerald Campbell, M.B., B.S. - - 1961
Kinsman, Andrew Guise, B.E. - - - - - 1954
Kirby, Barrie Michael, B.Sc. - - - - - 1961
Kirby, Charles William, B.Tech. - - - - 1961
Kirby, David Bevan, M.B., B.S. - - - - 1951
Kirby, Ronald Franklyn, B.Sc. - - - - 1964
Kirk, Alexander Charles, B.Sc. - - - - 1963
Kirke, David Kerry, M.B., B.S. - - - - 1964
Kirkman, David Norton, M.B., B.S. - - - 1947
Kirkman, Edith Doreen, B.Sc. - - - - - 1948
M.B., B.S. - - - - - - - - - - 1951
Kirkman, Kenneth Hainsworth, LL.B. - - - 1919
Kirkman, Lawrence Hayworth, LL.B. - - - 1949
Kirkwood, John, B.D.S. (Sydney, 1954) - - 1962
Kirsch, Marina, LL.B. - - - - - - - - 1960
Kirsten, Marcia Meymott, B.A. (Sydney, 1924) - - - - - - - - - - - - 1952
Kirwan, Colleen Joy, B.Sc. - - - - - - 1956
M.B., B.S. - - - - - - - - - - - 1964
Kissel, Thomas Alfred, B.A. - - - - - - 1954
Kitchener, Martin John, B.E. - - - - - 1957
Kitson, Mary Cecil, LL.B. - - - - - - 1916
Kitto, Rodney Keith, B.Tech. - - - - - 1959
Kiusalaas, Jaan, B.E. - - - - - - - - 1956
Klaebe, Kenneth Eric, B.Sc. - - - - - - 1960
B.A. - - - - - - - - - - - - - 1961
Klaebe, Robert John, B.D.S. - - - - - - 1955
Klaebe, Ruth Adelaide, B.A. - - - - - - 1947
Klau, Wilfred Albert, M.B., B.S. - - - - 1963
Klauss, Cynthia Beaumont, B.Sc. - - - - 1953
Kleeman, Alfred William, Ph.D. (B.Sc., 1933; M.Sc., 1935) - - - - - - - - - - 1955
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - 1947
Kleeman, Peter Wallace, B.E. - - - - - 1951
Kleeman, Reginald Theodore, B.E. - - - - 1923
Kleemann, Colin Martin, B.E. - - - - - 1939
Klein, Robert William, M.B., B.S. - - - - 1939
Kleinig, Cyril Raymond, B.Ag.Sc. - - - - 1950
Kleitsch, Frederic, B.Ec. - - - - - - - 1961
Klimaitis, Vytautas Victor, B.Tech. - - - 1964
Klimowski, Leopold Richard, M.B., B.S. - 1961
Kloeden, Louis Adolph, B.A. - - - - - 1948
Klose, Alfred Emil Johannes, B.A. - - - - 1915
Klose, Brenton Rollo, B.E. - - - - - - 1963
Klose, Edwin Francis, B.Sc. - - - - - - 1959
Kluht, Caroline Jennifer, B.A. - - - - - 1963
Knapman, Jeffrey Warren, B.Sc. - - - - - 1963
Knapman, William Hamilton, B.Sc. - - - - 1951
Knarhoi, Harry Hansen-, M.B., B.S. - - - 1956
Knauerhase, Juliet Mary Lillemor, B.A. - - 1960
Knauerhase (nee Kiek), Margaret Lucy, B.A. 1934
Knauerhase, Oscar Carl, M.A. (B.A., 1934) - 1943
Kneebone, Christopher Stephen, B.E. - - - 1920
Kneebone, Clive Stuart, M.B., B.S. - - - 1951
Kneebone, Garry Malcolm, M.B., B.S. - - - 1953
Kneebone, John Henry, M.B., B.S. - - - - 1954
Kneebone, John Keith, M.B., B.S. - - - - 1947
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) - - - - - - - - - - 1921
Kneebone, Nance Gordon, B.A. - - - - - 1950
Knight, Edwin Walter, M.B., B.S. - - - - 1957
Knight, Ronald Barrington, M.B., B.S. - - - 1933
Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - 1947
Knowles, Martyn Carey, B.Sc. - - - - - 1964
Knox, Peter Gordon, B.Tech. - - - - - - 1958
Koch, Colin Barry, B.D.S. - - - - - - 1951
Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928) - - - - - - - 1938
Koehne, Ivan Harold, M.B., B.S. - - - - 1956
Koehne, Marjorie Evelyn, B.A. - - - - - 1931
Koehne, Monica, B.A. - - - - - - - - 1962
Koehne, Peter David, B.A. - - - - - - 1957
Koehne, Raymond Percy, B.A. - - - - - 1932
Koehne, Robert, M.B., B.S. - - - - - - 1961
Koerber, Brian Walter, B.Sc. - - - - - 1956
Koerner, Carl Frederick, M.E. (B.E., 1923) B.Sc. - - - - - - - - - - - - 1933
Koerner, John Francis, B.E. - - - - - - 1928
Koh, Kee Tong, B.E. - - - - - - - - 1924
Kohler, Bryce Leonard Percival, B.Ec. - - 1964
Kohler, Theodor George, M.B., B.S. - - - 1961
Kollosche, Harold Frank, M.B., B.S. - - - 1946
Kong, Ted Chong, Joseph, B.Ag.Sc. - - - 1915
Kongi, Otto, B.Tech. - - - - - - - - 1961
Koop, Eric John, B.E. - - - - - - - - 1961
Koop, Peter Malcolm, M.B., B.S. - - - - 1949
Korallis, Costa Agis, B.Sc. - - - - - - 1949
Kornis, Edith Barbara, M.B., B.S. - - - 1956
Korytnyk, Wsewolod, Ph.D. (B.Sc., 1953) - 1963
Kotlarski, George, B.E. - - - - - - - 1957
Kowanko, Nicholas, Ph.D. (B.Sc., 1956) - 1962
Kramer, Jeffrey Lionel, B.Tech. - - - - 1961
Krantz, Kenneth David, M.B., B.S. - - - 1964
Krantz, Peter Philip, B.Sc. - - - - - - 1941
Krantz, Roy, M.B., B.S. - - - - - - - 1963
Krantz, Sydney, M.B., B.S. - - - - - - 1930
Kranz, Murray Lyall, B.D.S. - - - - - - 1927
Krassay, Thomas Egon, B.D.S. - - - - - 1951
Krastins, Ilga, B.Arch. - - - - - - - 1961
Krause, Malcolm Rex, B.Ag.Sc. - - - - - 1964
Kretschmer, Gaynor Blanche, B.A. - - - - 1947
Krichauff, George Frederick, B.E. - - - - 1948
Krichauff, Henry Stead, B.Ag.Sc. - - - - 1927
Krieg, Erwin Oswald, B.A. - - - - - - 1958
Krieg, Marcus Gustav, B.A. - - - - - - 1947
Krieger, Geoffrey Edward, M.B., B.S. - - 1941
Kriehn, Adolf Oscar, M.A. (B.A., 1922) - - 1961
Krishnan, Subramaniaiyer Sivarama, M.B., B.S. - - - - - - - - - - - - 1920
Krishnapillai, Vijeyasehari, B.Sc. - - - - 1958
Kristoff, Julia, B.Sc. - - - - - - - - 1960
Krockenberger, Bruno, B.E. - - - - - - 1960
Kroemer, Maureen Annette, B.Sc. - - - - 1956
Kruger, James Morris, B.Sc. - - - - - - 1964
Kruhming, Edward Charles, B.E. - - - - 1948
Krumins, Bruno, B.Tech. - - - - - - - 1960
Krumins, Dagmara Eleonora, B.D.S. - - - 1962
Kryvoviaza, Jaroslaw, B.D.S. - - - - - 1954
Kubacz, George John, M.B., B.S. - - - - 1953
*Kuchel, Carl Wilhelm August, M.A. (B.A., 1908) - - - - - - - - - - - - 1959
Kuchel, Clemens Carl, B.Sc. - - - - - 1912
Kuchel, Rex Harold, B.Sc. - - - - - - 1934
Kuchel, Robert Erwin, B.Sc. - - - - - - 1942
Kuhl, Dean Hasting, B.Sc. - - - - - - 1947
Kuhlmann, Herman Frederick, M.B., B.S. - 1957
Kukurs, Ilona, B.A. - - - - - - - - - 1943
Kulasingham, Lynn, B.A. - - - - - - - 1961
Kumnick, Donald Kerr, M.B., B.S. - - - - 1959
Kuo, Chiao Chiao, B.Sc. - - - - - - - 1951
Kurczak, Henry, B.E. - - - - - - - - 1962
Kurtz, Clarence Norman, B.A. - - - - - 1957
Kurucsev, Tomas, Ph.D. (B.Sc., 1954) - - 1956
Kuss, Marc Raphael, B.Sc. - - - - - - - 1958
Kutcher, Raymond William Harrold, B.E. - 1964
Kuusk, Eda Renaate, M.B., B.S. - - - - - 1951
Kwan, Tse-Tuan, May, B.Sc. - - - - - - 1958
Kwok, Hae Leong, M.E. (B.E., 1957) - - - 1964
Kwong, Sea Yoong, B.D.S. - - - - - - 1962
Kyd, Isabel Somerville, B.A. - - - - - 1955
Kyd, Margaret Florence, B.A. - - - - - 1937
1941

L

Laby, Ralph Henry, Ph.D. - - - - - 1964
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
Lade, Stuart Blair Stanley, B.Tech. - - - 1964
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, Lia, 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, Pin Khien, B.Tech. - - - - - - 1964
Lam, Ying, B.Sc. - - - - - - - - 1964
Lam, Yu Swee, B.Sc. - - - - - - - - 1960
Lamacraft, Kenneth Ronald, B.A. - - - 1954
Lambert, Harry Franklin, LL.B. - - - - 1964
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, Roger James, B.Ec. - - - - - - 1964
Lang, Samuel Brambley, B.A. - - - - 1949
Lang, Sydney Chapman, B.A. - - - - 1896
Lang, Timothy Ralston, B.Sc. - - - - - 1964
Langdon, Rodney John, B.Tech. - - - - 1963
Lange, Robert Terence, Ph.D. (W.A., 1961) 1963
Langevad, Eric James, B.E. - - - - - 1933
Langford, Peter Angas, B.A. - - - - - 1964
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
Langsford, Janice Cathryn, B.A. - - - - 1964
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, M.Sc. (B.Sc., 1960) - 1964
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, Christopher Forbes, M.B., B.S. - - 1964
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
Lawlor, Margaret Cecilia, B.Sc. - - - - - 1964
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.Ec. - - - - - - 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
Lazaroff, Nicholas, B.Sc. - - - - - - - 1964
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, Brian George, B.Sc. - - - - - - 1964
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.Ec. - - - - - - - 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, M.Sc. (B.Sc., 1961) - 1964
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, Soo Kwang, B.E. - - - - - - - 1964
Lee, Tian Chew, B.Tech. - - - - - - - 1962
Lee, Yee Cheong, B.E. - - - - - - - 1961
Leech, Jeremy Wilfrid, B.Sc. - - - - - 1964
Leenders, Johannes Albertus, B.Tech. - - 1964
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
Leigh-Jones, Peter, B.E. - - - - - - - 1964
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, Christopher William, B.App.Sc. - 1964
LeMaistre, Ray Mauger, B.A. - - - - - 1939
Lemcke, Vincent Andrew Howard, B.A. - 1940
LeMessurier, David Hugh, B.Sc. - - - 1932
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913) - - - - - - - - - - 1920
LeMessurier, Patrica Anne, B.A. - - - - 1959
LeMessurier, Robert Ernest, B.E. - - - 1949
Lemmey, Ford Prall, B.A. - - - - - - 1951
Lemon, Arnold William, LL.B. - - - - 1936
Lendon, Alan Harding, M.B., B.S. - - - 1927
Lendon, Elspeth Lockett, B.A. - - - - - 1950
Lendon, Guy Austin, M.D. (M.B., B.S., 1917) 1922
Lennon, Vincent Francis Bennett, M.B., B.S. 1930
Leonard, Ian Ferguson, M.B., B.S. - - - 1959
Leonard, Roger Ashley, B.A. - - - - - - 1964
Leong, Kong Mun, B.E. - - - - - - - 1962
Leong, Luen Kit, M.E. (B.E., 1960) - - 1964
LePage, Keith Ernest, M.B., B.S. - - - 1952
LePage, Patricia Nadeane, B.A. - - - - 1956
LePage, Rex Newbury, M.Sc. (B.Sc., 1955) 1960
Leske, Clive William, B.E. - - - - - - 1950
Leske, David, M.B., B.S. - - - - - - 1954
Leske, Elmore, B.A. - - - - - - - - 1947
Leske, Kenneth Berthold, B.Ag.Sc. - - - 1948
Leslie (nee Sharman), Florence Mary, M.A. 1919
Leslie, Jean, M.A. (B.A., 1920) - - - - 1932
Leslie, Peter William, M.B., B.S. - - - 1943
Leslie, Robert Bradshaw, B.Sc. - - - - 1952
Leslie, Warren Canmore, B.Sc. - - - - 1962
Lesnikowski, Zdzislaw, B.Ec. - - - - - 1960
Le Souef, John Dudley, M.B., B.S. - - - 1948
Letcher, Herbert George, M.B., B.S. - - 1927
Levitt. Solomon, M.B., B.S. - - - - - - 1950
Levy, Judith Anne Winstanley, M.Sc. (B.Sc., 1956) - - - - - - - - - - - 1963
Levy, Rose Winstanley, LL.B. (Western Australia, 1941) - - - - - - - - - - 1952
Lewcock (nee Orrock), Ena Beatrice Faith, B.A. - - - - - - - - - - - - 1926
Lewcock, Harry Kingsley, B.Sc. - - - 1923
Lewis, Anthony Beresford, B.Ec. - - - 1964
Lewis, Arthur Sangster, B.E. - - - - - 1930
Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923) - - - - - - - - - - - 1931
Lewis, Basil Reece, B.Sc. - - - - - - 1944
Lewis, Brian Malcolm, B.Tech. - - - - 1962
Lewis, Brian Murray, B.Sc. - - - - - 1964
Lewis, Colin Hamilton, B.D.S. - - - - 1943
Lewis, David Alfred, B.Sc. - - - - - 1943
Lewis, David Grant, LL.B. - - - - - - 1963
Lewis, David Gray, Ph.D. (B.Sc., 1949, M.Sc., 1957) - - - - - - - - - - 1964
Lewis, Eric Henry, M.D. (M.B., B.S., 1906) 1908
Lewis, Frederick Moore B.A. - - - - - 1961
Lewis, Glen Arthur, B.E. - - - - - - 1949
Lewis, Gordon John, B.E. - - - - - - 1951
Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950) 1955
Lewis, Irene Gwendoline, B.Sc. - - - - 1907
Lewis, John Aylward, M.B., B.S. - - - - 1944
Lewis, Joseph Arthur, B.A. (Western Australia, 1934) - - - - - - - - - - 1935
Lewis, June Alison, B.Sc. - - - - - - 1964
Lewis, Keith Gray, B.Sc. - - - - - - 1940
Lewis, Keith William, B.E. - - - - - 1952
Lewis, Kevin Joseph, B.D.S. - - - - - 1933
Lewis, Leonard Arthur, B.Sc. - - - - 1940
Lewis, Mary, B.A. - - - - - - - - - 1949
Lewis, Norman Benjamin, B.Sc. - - - - 1947
Lewis, Peter Alexander, B.E. - - - - - 1957
Lewis, Raymond Douglas, B.Sc. - - - - 1939
B.A. - - - - - - - - - - - - - 1959
Lewis, Reginald William Frederick, B.E. - 1925
Lewis, Richard Owen, B.A. - - - - - 1951
Lewis, Robert Brook, B.Sc. (Melbourne, 1941) B.A. - - - - - - - - - - - - - 1947 1952
Lewis, Roy Newman, B.Sc. - - - - - - 1945
Lewis, Stella Constantine, M.B., B.S. - - 1962
Lewis, Steve Constantine, B.E. - - - - - 1964
Lewis, Stuart Hayes, M.B., B.S. - - - - 1950
Lewis, Trevor Frank, B.Tech. - - - - - 1962
Lewis, William Hooper, M.B., B.S. - - - 1964
Leydon, Robert John, B.Sc. - - - - - - 1961
Leyland, Geoffrey Agar, M.B., B.S. - - 1944
Lian, Fook Nyean, M.B., B.S. - - - - - 1961
Liddiard, Kevin Charles, B.Sc. - - - - 1964
Liddle, John Michael, B.Sc. - - - - - 1964
Liddy, Desmond Terence, B.Sc. - - - - 1950
Liddy, John Francis, B.E. - - - - - - 1952
Lidums, Aivars, B.Tech - - - - - - - 1963
Liebich, Alvin Frederick, B.E. - - - - 1940
Lieschke, Alister Headley, B.Sc. - - - 1959
Liew, Nyok Kheng, B.Sc. - - - - - - 1964
Liew, Tack Ming, B.D.S. - - - - - - - 1961
Liew, Tack Wan, B.A. - - - - - - - - 1961
Ligertwood, Sir George Coutts, B.A. - - 1908
LL.B. - - - - - - - - - - - - 1910
LL.D. (Western Australia, 1963) - - - 1964
Ligertwood, James Arthur, B.E. - - - - 1950
Ligertwood, Neil Coutts, LL.B. - - - - 1948
Ligeti, Piroska Magdolna, M.B., B.S. - - 1954
Lightburn, Kenneth Dale, B.E. - - - - 1963
Lilburn, William Embleton, B.E. - - - - 1954
Lilburne, Geoffrey Douglas Roland, M.B., B.S. - - - - - - - - - - - - 1949
Liljegren, David Roland, Ph.D. (B.Sc., 1959) 1963
Lill, John Charles, Ph.D. (B.E., 1955) - - 1962
Lillecrapp, Douglas Arthur Julian, B.A. - 1949
Lillie, Susan Jane, B.Sc. - - - - - - 1962
Lillywhite, Cuthbert, B.Sc. - - - - - - 1899
Lillywhite, John Wilson. B.Sc. - - - - 1936
Lillywhite, Myra Jean, B.A. - - - - - 1960
Lim, Cheng Sang, B.Sc. - - - - - - - 1963
Lim, Khaik Leang, B.Sc. - - - - - - - 1959
Lim, Kwang Hua, B.E. - - - - - - - - 1957
Lim, Leong Geok, B.E. - - - - - - - - 1959
Lim, Teck Kah, B.Sc. - - - - - - - - 1964
Lim, Thian En, B.E. - - - - - - - - 1963
Lim, Yew Meng, B.Sc. - - - - - - - - 1964
Lim, Yong Peng, B.Ag.Sc. - - - - - - 1957
Limmer, Allan Noel, M.B., B.S. - - - - 1959
Lindner, John Alan, B.Sc. - - - - - - 1963
Lindner, Robert Ken, B.Ag.Sc. - - - - 1964
Lindon, John Leonard Henry, M.B., B.S. - 1952
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919) - - - - - - - 1923
Lindon, Marten Edward, M.B., B.S. - - 1953
Lindop, Arthur Clive, B.Sc. - - - - - 1964
Lindsay, Jeanette, LL.B. - - - - - - 1963
Lindsay, Keith Malcolm, B.A. - - - - 1939
Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939) - - - - - - - - - - - - 1950
M.B., B.S. - - - - - - - - - - 1957
Lines, David Robin, M.B., B.S. - - - - 1961
Lines, Dean Franc, B.Sc. - - - - - - 1944
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915) - - - - - - - - - - 1933
Lines, George Edward, B.Ag.Sc. - - - 1951
Lines, Helen Nora, B.A. - - - - - - - 1952
Ling, Ai Mee, B.Sc. - - - - - - - - 1964
Ling, John Kynaston, M.Sc. (B.Sc., 1954) - 1956
Ling, Robert Donald Hill, B.E. - - - - 1957
Ling, Sieng Hui, Charles, M.B., B.S. - - 1963
Ling, Siew May, B.Arch. - - - - - - - 1964
Linke, Ambrose Neil, B.A. - - - - - - 1960
Linke, Hayden Neville, B.Sc. - - - - - 1963
Linke, John William, B.Sc. - - - - - - 1953
Linke, Roslyn Kaye, B.A. - - - - - - - 1963
Linklater, Peter Munro, B.Ag.Sc. - - - 1953
Linklater, Rodney Munro, B.E. - - - - 1953
Linn, Beryl Eileen, LL.B. - - - - - - 1933
Linn, Helen Kathleen, B.Sc. - - - - - 1950
Linn, Howard Wadmore, M.D. (M.B., B.S., 1944) - - - - - - - - - - - - 1954
Linn, John Graham, M.B., B.S. - - - - 1950
Linn, John Malcolm, M.B., B.S. - - - - 1953
Linn, Leslie Wadmore, M.B., B.S. - - - 1918
Lipert, John Raymond, M.B., B.S. - - - 1959
Lipman, Rex John, B.D.S. - - - - - - 1951
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927) - - - - - - - - - 1942
D.Sc. - - - - - - - - - - - - 1950
Lippett, Richard, M.B., B.S. - - - - - 1957
Lister, James Dick, M.B., B.S. - - - - 1954
Liston, Mary Howard, B.A. - - - - - - 1950
Litchfield, Jennifer Ann, LL.B. - - - - 1964
Litchfield, Kenneth Lyle, LL.B. - - - - 1935

° Deceased.

Lithgow, John Neville, B.Ec. - - - - 1958
Little, John Anthony, B.E. - - - - - 1957
Liu, Hua-An, B.E. - - - - - - - - 1957
Liu, Lillian Ling, B.Sc. - - - - - - 1957
Liu, Owen, B.E. - - - - - - - - - 1954
Livingstone, Rodney Simon, B.A. (Cambridge, 1956) - - - - - - - - 1960
Llewellyn, Joan Margaret, M.Sc. (B.Sc., 1945) - - - - - - - - - - 1951
Lloyd, Alan Russell, B.Sc. - - - - - 1962
Lloyd, Denys Morrison, LL.B. - - - - 1938
Lloyd, Edward John, B.Sc. - - - - - 1959
Lloyd, Elizabeth Ann, B.A. - - - - - 1960
Lloyd, Hugh Arthur, M.B., B.S. - - - 1940
Lloyd (nee Smith), Ida Gwendoline Viner, B.A. - - - - - - - - - - - 1902
Lloyd, John Viner, M.B., B.S. - - - - 1964
Lloyd, Joycelyn Marie, B.A. - - - - - 1959
Lloyd, Judith Anne, B.Sc. - - - - - - 1961
Lloyd, Thomas Rex Viner, B.E. - - - 1932
Loan, Edward Charles, B.A. - - - - - 1903
Loan, Peter Macdonald, B.Sc. - - - - 1964
Lobascher, David John, M.B., B.S. - - 1955
Lochert, Paul Bertram, B.Sc. - - - - - 1963
Lochert, Roslyn Marie, M.B., B.S. - - - 1962
Lock, Dorothy Marie Jeanne, B.A. - - - 1954
Lock, Maurice Joseph Bayard, B.Sc. - - 1945
Lockwood, John, B.Sc. - - - - - - - 1964
Lockwood, Keith Linwood, B.Sc. - - - 1963
Lockyer, Kathleen Elaine, B.A. - - - - 1953
Lodge, John Kenneth Hyde, B.Ec. - - - 1957
Loechel, Beverley Claire, B.Sc - - - - - 1963
Loffler, Donald Arthur, B.A. - - - - - 1961
Logan, Ernest Albert William, B.A. - - 1937
Loh, Soo Beng, B.Tech. - - - - - - - 1964
Lohmeyer, Rex Howard, B.E. - - - - 1953
Lohmeyer, Vivian Keith, B.Ag.Sc. - - - 1950
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
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
Loveday, Peter Franklyn, B.E. - - - - - 1964
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) 1956 - - 1962
Lovick, Lilian 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, Gilian 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, Carolyn, B.A. - - - - - - - - 1964
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
Lücke, Horst Klaus, LL.B. - - - - - - 1961
Ludbrook, Philip Albert, M.B., B.S. - - - 1964
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
Lugg, 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, Murdock 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. - - - - 1942
B.A. - - - - - - - - - - - - - - 1951
Lushey (nee Wilks), Vida Alice, B.A. - - - 1904
Luxmoore, 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, Justin Joseph, Ph.D. - - - - - - 1964
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

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
McArthur, Rosemary Denise, M.B., B.S. - - 1964
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
McAvaney, Bryant John, B.Sc. - - - - - 1964
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, Burnard, 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 Justin, B.Med.Sc. - - - 1964
McCarthy, Peter Paul, LL.B. - - - - 1924
B.A. - - - - - - - - - - - - 1923
McCartney, James Elvins, M.D. (Edinburgh, 1922) - - - - - - - - - - - 1953
McCloughry, Claude Lancelot, B.E. - - 1926
McClure, James Barry Damian, B.Sc. - - 1964
McConnon, 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
McDermid, Neil Harvey, B.A. - - - - - 1962
MacDonagh, Oliver Ormond Gerard Michael, Ph.D. (Cambridge, 1952) - - - - - 1964
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. - - - - - - - 1918
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, Jennifer Mary, B.A. - - - - 1964
McDougall, John, B.E. - - - - - - - 1943
McDowall, Barry Patrick, B.Sc. - - - - - 1954
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926) - - - - - - - - - 1948
McEachern, Morven, B.D.S. - - - - - 1927
McEvoy, Aloysius John, B.A. - - - - 1937
McEvoy, Frances, B.Sc. - - - - - - - 1952
McEwan, Lena Elizabeth, M.B., B.S. - - 1949
McEwen, William Alan, M.B., B.S. - - - 1963
McEwin, Adrian Gardner, B.Sc. - - - - 1958
McEwin (nee Marshall), Betty Waddell, B.Sc. - - - - - - - - - - 1943
McEwin, John Neil, LL.B. - - - - - - 1928
McEwin, Keith, M.B., B.S. - - - - - - 1912
McEwin, Roderick Gardner, M.B., B.S. - 1944
McFarlane, Alan, B.E. - - - - - - - 1953
McFarlane, Eileen Dorothea, B.A. - - - 1943
McFarlane, John Preiss, LL.B. - - - - 1936
McFarlane, Trevor Hector, LL.B. - - - 1937
McFarlane, William Hector, B.Ag.Sc. - - 1942
McGee, Colin Raymond, M.Sc. (B.Sc., 1953) 1963
McGee, John, LL.B. - - - - - - - - 1922
McGee, Skaidrite, B.A. - - - - - - - 1959
Macghey, Mary Veta, M.A. (B.A., 1919) - 1930
McGill, Ian Keith, M.A. (B.A., 1956) - - 1958
McGlashan, John Eric, M.B., B.S. - - - 1909
McGlashan, John Gardner, M.B., B.S. - - 1942
McGlashan (nee Gardner), Mary Beatrice, B.A. - - - - - - - - - - - 1909
McGlasson, William Barry, B.Ag.Sc. - - 1951
McGlew, Phyllis Dorothy, M.B., B.S. - - 1918
McGovern, Thomas Henry, LL.B. - - - 1951
McGowan, Bruce William, B.Tech. - - - 1962
McGowan, George Murray, B.A. - - - 1938
McGowan, Norman Leslie, B.E. - - - 1950
McGowran, Brian, Ph.D. (B.Sc., 1957) - 1963
McGowran, Myrie Irene, B.A. - - - - 1954
McGrath, Ivan Stanley, B.D.S. - - - - 1946
McGrath, James Patrick, B.A. - - - - 1955
McGrath, Kelvin Paul, B.Sc. - - - - 1950
McGrath, Paul Matthew, B.Tech. - - - 1962
McGrath, Philip John, B.Sc. - - - - - 1964
McGregor, Alan Gordon, LL.B. - - - - 1962
McGregor, Alasdair, LL.B. - - - - - - 1963
McGregor, Gordon Thompson, B.A. - - 1950
McGuire, Anthony, B.A. - - - - - - - 1955
Machell, John Edward Lewis, B.Sc. - - 1948
Machin, George Herbert, B.E. - - - - 1934
Machlin, Simon, M.B., B.S. - - - - - 1952
McHugh, Edward Charles, LL.B. - - - 1948
McHugh, Graham Albert Charles, B.Sc. - - 1961
B.Ec. - - - - - - - - - - - - 1964
McInerney, Brian Thomas, B.Tech. - - - 1959
McInerney, Thomas John, B.Sc. - - - 1949
°McInerney, Thomas Taylor, LL.B. - - - 1939
McInnes, Ian Donald, B.D.S. - - - - 1957
McIntosh, Andrew Lochiel, B.E. - - - 1962
McIntosh, Gerald Alexander, M.B., B.S. - 1944
McIntosh, Howie James, B.E. - - - - 1927
MacIntosh, Ian, M.B., B.S. - - - - - 1964
McIntosh, Neil Adair, M.B., B.S. - - - - 1963
MacIntosh, Ronald MacKenzie, M.B., B.S. - 1941
Mack, Allan John, B.Tech. - - - - - 1964
Mack, Douglas Urban Gilbert, B.A. - - 1940
McKail (nee Boyer), Gertrude Mary, B.A. - 1912
Mackail, John William, LL.D. (Edinburgh) 1923
Mackaness, George Bellamy, M.B., B.S. (Sydney, 1945) - - - - - - - - - 1964
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) - - - - - - - - - 1924
McKay, Barry Vincent, B.Tech. - - - - 1964
McKay, Brian John, B.E. - - - - - - 1961
McKay, David James, B.Sc. - - - - - 1964
McKay, Douglas Gordon, M.B., B.S. - - 1927
McKay, Gordon Charles, M.B., B.S. - - - 1961
Mackay, Heather Margaret, Mus.Bac - - - 1964
Mackay, Malcolm George, B.A. - - - - 1947
McKay, Malcolm William, B.A. - - - - 1936
MacKay, Margaret Ethel, M.Sc. (B.Sc., 1933) 1938
McKay, Maureen Gordon, B.Sc. - - - - 1949
McKay, Ronald George MacAlpine, M.B., B.S. - - - - - - - - - - - 1941
Mackay, Samuel Angus, B.Sc. - - - - 1921
McKay, William Alfred, M.A. - - - - 1937
McKechnie, Alan Francis Clark, B.E. - - 1924
McKechnie, Elizabeth Lawson, B.A. - - 1926
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1948
McKellar, John Ralph, Ph.D. (B.Sc., 1956) - 1964
McKelvie, Donald, B.Sc. - - - - - - - 1953
McKenna, Donald George, M.B., B.S. - - 1949
McKenna, Keith Patrick, M.B., B.S. - - 1953
McKenzie, Donald Keith, M.B., B.S. - - 1927
MacKenzie, Helene Marie, B.A. - - - - 1964
Mackenzie, Ian Andrew, B.D.S. - - - - 1964
McKenzie, Jean, B.Sc. - - - - - - - 1954
McKenzie, John, LL.B. - - - - - - - 1961
McKenzie, Mary, M.B., B.S. - - - - - 1946
McKenzie, Reginald Murray, B.Tech. - - 1958
McKie, David Graham, B.A. - - - - - 1958
Mackie, Dean Graham, M.B., B.S. - - - 1953
McKie, Duncan, Mus.Bac. - - - - - - 1938
McKie, Ian William, B.A. - - - - - - 1964
Mackie, James Joseph, B.E. - - - - - 1953
McKinnon, Alan George, M.B., B.S. - - - 1964
McKinnon, Bruce John, B.A. - - - - - 1964
McKinnon, Donald Campbell, M.B., B.S. - 1957
McKinnon, George Clarence, B.Sc. - - - 1933
McKinnon, Heather Campbell, B.A. - - 1952
McKinnon, John Desmond, B.D.S. - - - 1951
McKinnon, Robert Campbell, B.A. - - - 1934
McKinnon, Robert Keith, B.E. - - - - 1950
McKinnon, Ross Charles, M.B., B.S. - - 1952
McKittrick, Coral Yvonne, B.A. - - - - 1961
McKittrick, Ronald Brian, B.E. - - - - 1963
Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924) - 1927
Macklin, Laura Muriel Caterer, B.A. - - 1934
Macklin, William Charles, M.Sc. (B.Sc., 1952) - - - - - - - - - - - 1956
McLachlan, Margaret Elizabeth, LL.B. - - 1959
McLarty, Gwendoline, M.B., B.S. - - - - 1961
McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935) - - - - - - - - - - - 1947
McLarty, William, M.B., B.S. - - - - - 1961
McLaughlin, Eric Enstone, LL.B. - - - 1935
°McLaughlin, Eugene, M.B., B.S. - - - - 1922
McLaughlin, Ian Leonard, B.Sc. - - - 1960
McLaughlin, Moira Clare, B.Sc. - - - 1957
McLay, Andrew Harold, B.A. - - - - 1953

° Deceased.

McLean, Albert Eric, M.A. (B.A., 1928) - 1931
McLean, Alexander John, B.E. - - - - 1961
McLean, Dorothy Alice, B.A. - - - - 1927
McLean, Ian Weymouth, B.Sc. - - - - 1952
McLean, Lancelot Henry Archibald, B.E. - 1960
McLean, Murray Colin, B.A. - - - - 1949
McLean, Reginald Alexander, B.A. - - - 1932
McLean, Sibeley Jean, M.Sc. (B.Sc., 1945) 1951
McLeay, Colin James, M.B., B.S. - - - 1956
McLeay, Donald Barton, M.B., B.S. - - 1947
McLeay, Helen Mary, B.A. - - - - - 1950
McLennan, Heather Margaret, B.Sc. - - - 1958
Maclennan, James Sydney Kilcoy, LL.B. - 1906
McLeod, Allan John, B.Sc. - - - - - 1939
McLeod, Douglas Burton, LL.B. - - - 1952
McLeod, Janet Gertrude, B.A. - - - - 1963
McLeod, John Kenneth Allister, B.E. - - - 1960
McLeod, Peter John, B.Ec. - - - - - - 1963
McLoughlin, Carmel, B.A. - - - - - - 1962
McLoughlin, Vincent Patrick, B.A. - - - 1949
McMahon, Francis, B.A. - - - - - - 1962
McMahon, Francis Leslie, B.Ec. - - - 1951
Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - 1948
McManus, John Bernard, B.Sc. - - - - 1954
McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - 1944
McMichael, Kenneth Price, B.E. - - - 1950
McMillan, Barry Frederick, B.Ec. - - - 1962
McMillan, James William, M.B., B.S. - - 1952
McMillan, Raymond, B.E. - - - - - - 1949
McMillan, Stanley Lyall, B.Sc. - - - - 1949
B.A. - - - - - - - - - - - - - 1959
McMutrie, Alan Ian, B.A. - - - - - - 1935
McMutrie, Ian Hugh, B.Sc. - - - - - - 1958
McMutrie, Winifred Joan, B.A. - - - - 1935
McNally, John Neilson, M.Sc. (B.Sc., 1953) 1963
McNally, Marie Carmel, B.A. - - - - - 1961
McNamara, Agnes, B.A. - - - - - - - 1937
McNeil, Ian (formerly John), M.B., B.S. - 1918
McNeil, Philippa Florence, B.A. - - - 1952
McNeil, Roderick, B.Ec. - - - - - - - 1964
McNicol, David Williamson, B.A. - - - 1937
McNicol, Donald, B.A. - - - - - - - - 1964
McNicol, John Howard, B.Sc. - - - - 1953
McNicol, Nicol Alexander, B.Ag.Sc. - - - 1963
Maconochie, John Richard, B.Sc. - - - - 1964
McPharlin, Alison Tudor, B.A. - - - - 1952
McPharlin, Deane, B.Sc. - - - - - - 1945
McPharlin, Jeffrey, B.Tech. - - - - - 1961
McPheat, Ian William, B.E. - - - - - 1957
McPheat, Leslie John, B.E. - - - - - 1957
McPhee, Brian, B.Ec. - - - - - - - - 1959
Macphee, Wendy Jean, B.A. - - - - - 1960
McPherson, Alexander Owen, B.Sc. - - - 1926
M.A. (B.A., 1931) - - - - - - - - 1933
Macpherson, John Duncan, B.Tech. - - - 1964
McPherson, John Ian, B.Tech. - - - - 1962
McPherson, Margaret Helen, B.A. - - - 1951
McPherson, Mary, B.A. - - - - - - - 1947
Macpherson, Reginald Murray, B.A. - - 1947
McPherson, Robert Keith, B.Arch. - - - 1963
Macpherson, Shirley Helen, B.A. - - - - 1945
McPhie, Jean Elsbeth, B.Sc. - - - - - 1945
McPhie, John Milroy, M.D. (M.B., B.S., 1942) 1957
McQuade, Joseph Aloysius, M.B., B.S. - - 1956
McQueen, George Hugh, M.B., B.S. (Melbourne) - - - - - - - - - - - 1947
McRae, Colin James, B.Tech. - - - - - 1962
McRae, Robert Alexander, LL.B. - - - - 1964
McRae, Terence Michael, LL.B. - - - - 1962
McRobert, Helen Angus, M.B., B.S. - - 1949
MacSkimming, Walt Ronald Auscot, B.A. - 1950
McWaters, Ian Donald, B.Sc. - - - - - 1963
McWhae, Douglas Hope, M.B., B.S. - - 1945
Maddeford, Sheila Lamont, LL.B. - - - 1927
Maddern, Cecil Pomeroy, B.D.S. - - - 1951
Maddern, John Pearce, M.B., B.S. - - - 1948
*Maddern, Martin Randall Foss, B.A. - - 1937
Maddern, Max Wilfred, B.Sc. - - - - - 1953
M.B., B.S. - - - - - - - - - - 1960
Mader, Merryl Kay, B.Sc. - - - - - - 1963
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953) - - - - - - - - - - - 1956
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945) 1951
Madigan, David Cecil, B.Sc. - - - - - 1937
Madigan, Dorothy Honora, B.A. - - - - 1962
Madigan, James Francis, B.E. - - - - - 1952
Madigan, Michael Roebourne, M.B., B.S. - 1952
B.Sc. - - - - - - - - - - - - 1953
Madigan, Paul Edward, LL.B. - - - - - 1922
Madigan, Russel Tullie, M.E. - - - - - 1957
LL.B. - - - - - - - - - - - - - 1960
Madison, Thomas Glover, M.B., B.S. - - 1946
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900) - - - - - - - - - 1901
D.Sc. - - - - - - - - - - - - - 1907
Maegraith, Brian Gilmore, M.B., B.S. - - 1930
Maelzer, Derek Alan, Ph.D. - - - - - - 1958
Maerschel, Barbara, B.A. - - - - - - - 1951
Magarey, Alexander Roy, M.B., B.S. - - 1941
Magarey, Ashley Henderson, LL.B. - - - 1938
M.B., B.S. - - - - - - - - - - 1940
Magarey, Brian Attiwill, LL.B. - - - - 1948
Magarey, Frank Rees, M.D. (M.B., B.S., 1935) - - - - - - - - - - - - 1941
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927) - - - - - - - - - - - - 1939
Magarey, James Rupert, M.S. (M.B., B.S., 1938) - - - - - - - - - - - - - 1951
Magarey, Katherine Ashley, B.Sc. - - - 1949
Magarey, Kathleen de Brett, B.A. - - - 1921
B.Sc. - - - - - - - - - - - - - 1932
Magarey, Kevin Barry, B.A. - - - - - - 1950
Magarey, Paul Robertson, B.E. - - - - 1952
Magarey, Robert Richmond, M.B., B.S. - 1951
Magarey, Rupert Eric, M.B., B.S. - - - 1904
Magasdi, Creston Ivan, M.B., B.S. - - - 1962
Magor, Clifford James, M.A. (B.A., 1927) - 1932
Magor, Irvine Frank, B.A. - - - - - - 1938
Magor, Margaret Elizabeth, B.A. - - - 1955
Magor, William Alwyn Roy, B.A. - - - 1963
Maguire, John Charles, B.A. - - - - - 1941
Maguire, Maurice Glen, M.B., B.S. - - - 1953
Magzoub, Mohammed Ahmed, M.Sc. - - 1964
Maher, John George, LL.B. - - - - - - 1958
Maiden, Leslie Carrington, B.D.S. - - - 1924
Maidment, Sydney Gordon, LL.B. - - - 1962
Main, Arthur Charles, B.E. - - - - - - 1926
Mainstone, John Sydney, Ph.D. (B.Sc., 1954) 1959
Mair, Robert Ian, B.Sc. - - - - - - - 1964
Maitland, Ian Boyd Gibb, B.E. - - - - 1963
Maitland, James Angus, LL.B. - - - - 1932
Major, David John, B.Tech. - - - - - 1963
Major, John Thornton, B.Tech. - - - - 1962
Major, Robert Bradshaw, B.Sc. - - - - 1964
Mak, Kai Tye, B.E. - - - - - - - - 1957
*Makin, Frank Humphrey, M.B. (Melbourne, 1901) - - - - - - - - - - - 1906
Mallan, James Michael, B.D.S. - - - - 1927
Mallen, Arthur Lindsay, M.E. (B.E., 1953) 1958
Mallen, Leonard Ross, M.B., B.S. - - - 1925
Mallyon, Rebecca Oakley Kingsnorth, B.A. 1943
Malone, Bruce Edward Frederick, B.Tech. - 1959
Maloney, Joan, B.A. - - - - - - - - 1951
Maloney, Margaret Joan, B.Sc. - - - - 1962
Maloney, Martin James, B.E. - - - - - 1928
Maloney, Vernon Thomas Steven, B.Sc. - 1929
Manap, Abdul bin Ahmad, B.Sc. - - - - 1963
Mander, Linden Alfred, M.A. (B.A., 1917) 1920
Mander, Suzanne Flora, B.Sc. - - - - 1949
Manea, Ernest Cosmo, M.B., B.S. - - - 1949
Manea, Spero, M.B., B.S. - - - - - - 1952
Manessis, Peter Christopher, M.B., B.S. - 1952
Mangan, John Arthur, LL.B. - - - - - 1957
Manhood, Cleve Charles, B.A. - - - - 1962
Mann, Airdrie Jean, B.A. - - - - - - 1958
Mann, Edward Thomas, B.E. - - - - - 1953
Mann, Gertrude Irene, B.A. - - - - - 1919
Mann, William Eric, M.B., B.S. - - - - 1958
Mannam, John, Ph.D. (Birmingham, 1955) 1960
Mannes, Sylvester Joseph, B.A. - - - - 1938
Manning, Kathleen Anne, M.B., B.S. - - - 1958
Manoel, Eva Mary, B.A. - - - - - - - 1938
Manos, Nick Stan, LL.B. - - - - - - - 1962
Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949) - - - - - - - - - - - 1960
Manser, William Lloyd, B.A. - - - - - 1962
Mansfield, Eric William, B.E. - - - - 1950
Mansfield, Joseph John, M.B., B.S. - - - 1962
Mansfield, William Walladge, B.Sc. - - 1943
Manson, James Ian, M.B., B.S. - - - - 1958
Manson, Jillian Mary, B.A. - - - - - - 1960
Manthey, Peter William, B.Tech. - - - 1964
Manthorpe, Thomas Dion, M.B., B.S. - - 1951
Manuel, Deane James Hubert, B.Ec. - - 1950
B.A. - - - - - - - - - - - - 1959

* Deceased.

Manuel, James Douglas, B.A. - - - - 1944
Manuel, Josephine Gertrude Kamala, M.B., B.S. - - - - - - - - - - - - 1960
March, Neil Carter, B.Tech. - - - - - 1962
Marcus, Eva Bessie, Mus.Bac. - - - - 1960
B.A. - - - - - - - - - - - - - - 1961
Marcus, Irving, M.B., B.S. - - - - - 1951
Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954) - - - - - - - - - - - 1958
Marinkovich, Nevin John, M.B., B.S. - - 1958
Marinos, Nicos George, Ph.D. - - - - 1958
Marinov, Nevena, B.D.S. - - - - - - 1962
Marker, William Herman, B.E. - - - - 1949
Markey, Gregory Barton, M.B., B.S. - - 1953
Markham, Neville Lawrence, B.Sc. - - 1952
Marks, Donald Adrian, B.Ec. - - - - - 1962
Marks, Bernadette Joan, B.Sc. - - - - 1960
Marks, Monica Mary, B.A. - - - - - 1956
Marlow, Alfred Dudley Roy, B.Sc. - - - 1938
Marmion, Robert James, B.Sc. - - - - 1918
Marrett, Robin Allan, B.E. - - - - - 1963
Marriner, Frank Wilfred, B.Sc. - - - - 1949
Marriott, John Edward, B.D.S. - - - - 1951
Marriott, Valmai Dawn, B.A. - - - - - 1959
Marsh, Charles William, B.E. - - - - 1950
Marsh, John Albert, B.Sc. - - - - - 1952
Marsh, Judith Irene, B.Sc. - - - - - 1958
Marshall, Allan George, B.Tech. - - - - 1959
Marshall, Annie, M.Sc. (Melbourne, 1930) - 1954
Marshall, Herbert Edmund, B.A. - - - 1940
Marshall, Lyle Gordon, B.E. - - - - - 1956
Marshall, Janette Ruth Watson, M.B., B.S. 1953
Marshall, Jennifer Ann, B.Sc. - - - - - 1963
Marshall, John, LL.B. - - - - - - - 1962
Marshall, Nicholas James, B.Sc. - - - - 1961
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929) - - - - - 1933
M.Ag.Sc. - - - - - - - - - - - 1933
Marshman, Ashley Mead, B.A. - - - - 1936
Marshman, Wesley Melvyn Tiller, B.D.S. - 1924
Marston, Colin Frederick, B.E. - - - - 1951
Marston, Hedley Ralph, D.Sc. (Australian National University, 1957) - - - - - 1959
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912) - - - - - - - - - - 1913
Martens, Judith Suzanne, B.Sc. - - - - 1964
Martin, Alfred Irwin, B.E. - - - - - 1928
Martin, Alfred William, B.A. - - - - 1950
Martin, Amalia Anna, B.A. - - - - - 1930
Martin, Arthur Bruce, M.B., B.S. - - - 1956
Martin, Barry Wayne, B.Tech. - - - - 1961
Martin, Bernice Wilma, B.A. - - - - - 1945
Martin, Beryl Claire, B.A. - - - - - 1952
Martin, Bruce Bamford, B.Sc. - - - - - 1957
M.B., B.S. - - - - - - - - - - 1963
Martin, Bruce Peter, B.E. - - - - - - 1954
Martin, Charles Burton, B.A. (Boston, 1948) 1954
Martin, Sir Charles James, D.Sc. (London, 1896) - - - - - - - - - - - 1931
Martin, David Elwes, B.E. - - - - - - 1947
Martin, David Montgomerie, B.Sc. (Eng.) - 1945
Martin, David Keith, B.Sc. - - - - - 1962
Martin, Donald Leslie, B.E. - - - - - 1956
Martin, Frederick Clarence, M.A. (B.A., 1927) - - - - - - - - - - - 1932
Martin, Graeme Lewis, B.E. - - - - - 1963
Martin Helene Alice, M.Sc. (B.Sc., 1954) - 1961
Martin, Ian Holland, M.D. (M.B., B.S., 1942) 1952
Martin, Ian Scott, B.Ec. - - - - - - 1962
Martin, Jeanne Mary, B.A. - - - - - 1953
Martin, John Claude, LL.B. - - - - - 1905
Martin, John Gerald, B.E. - - - - - 1955
Martin, John Trevor, M.B., B.S. - - - - 1962
Martin, John William, B.A. - - - - - 1964
Martin, Keith George, B.Sc. - - - - - 1952
Martin, Leslie James, B.Ec. - - - - - 1960
Martin, Leslie Meredithe, B.A. - - - - 1961
Martin, Lincoln William, M.B., B.S. - - 1931
Martin, Maurice Leon, B.Sc. - - - - 1945
B.A. - - - - - - - - - - - - 1954
Martin, Melville, B.Ec. - - - - - - 1961
Martin, Michael Rex, M.B., B.S. - - - - 1963
Martin, Patrick Lawrence, B.D.S. - - - 1954
Martin, Peter Gordon, Ph.D. (B.Sc., 1953) - 1957
Martin, Ralph Keith, B.A. - - - - - 1947
Martin, Stanley Bamford, M.B., B.S. - - 1946
Martin, Terence Edwin, B.Sc. - - - - - 1962
Martin, Trevor Wallis, B.D.S. - - - - 1950
Martin, Walter Raymond, B.A. - - - - - 1938
Martin, William Thomas, B.A. - - - - - 1914
Martinkus, Sigitas, M.B., B.S. - - - - - 1961
Marzo, Leo Alfred, M.B., B.S. - - - - - 1957
Maschmedt, Zillah Daisy, M.A. (B.A., 1933) 1947
Mashford, Maurice Laurence, M.B., B.S. (Sydney, 1953) - - - - - - - - - 1964
Maslen, Grant Lewis, B.E. - - - - - - 1955
Mason, Bruce, B.Sc. - - - - - - - - 1938
Mason, Edith Kathleen Lillian, B.Sc. - - 1959
Mason, Edward John Thomas, B.Sc. - - - 1960
Mason, Ian Bruce, B.Sc. - - - - - - - 1962
Mason, Robert Claud, B.Sc. - - - - - - 1951
Massey-Westrop, Ralph Alan, Ph.D. (Manchester, 1958) - - - - - - - - - - 1962
Masters, Bernard Lincolne, B.A. - - - - 1959
Masters, Marjorie, B.A. - - - - - - - 1945
Masters, Ross Lincoln, B.Sc. - - - - - 1924
Materne, Desmond Eric, B.A. - - - - - 1956
Materne, Maurice Ernest, M.B., B.S. - - 1956
Materne (nee Kohlhagen), Myra Audrey, B.Sc. - - - - - - - - - - - - 1955
Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942) - - - - - - - - - - - - 1944
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - 1948
Matheson, Pamela, B.Sc. - - - - - - - 1949
Matheson, Roderick Grant, LL.B. - - - 1952
B.A. - - - - - - - - - - - - 1953
Matheson, William Edmund, B.Ag.Sc. - - 1952
Mathews, David Stanley, B.Sc. - - - - 1938
B.A. - - - - - - - - - - - - 1940
Mathews, John Hugh, B.Sc. - - - - - - 1962
Mathews, Kenneth Elliott, B.E. - - - 1953
Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950) - - - - - - - 1953
Mathias, Brian Morgan, B.E. - - - - - 1952
Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950) - - - - - - - - - - - 1954
Mathison, Murray John, B.Ag.Sc. - - - 1960
Matousek, Vladislav, M.B., B.S. - - - - 1961
Matters, Horace John, B.A. - - - - - - 1950
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - - - - - - - - 1929
M.S. - - - - - - - - - - - - 1935
Matthew, Evelyn Maime, B.Sc. - - - - 1957
Matthew, Ian George, Ph.D. (B.E., 1956) - 1960
B.Sc. - - - - - - - - - - - - 1954
Matthews, Brian Wesley, Ph.D. (B.Sc., 1959) 1964
Matthews, Gladys Mary Palmer, LL.B. - 1935
Matthews, Harold Pflaum, B.E. - - - - 1927
Matthews, Maurice John, M.B., B.S. - - 1944
Matthews, Richard Clive, M.B., B.S. - - 1963
Matthews, Richard Trahair, B.A. - - - 1941
Matthews, Robert Stephen, B.Sc. - - - 1948
Matthews, Terry Alan, B.Sc. - - - - - 1964
Mattingley, Brian John, B.A. (Tasmania, 1937) - - - - - - - - - - - - 1938
Mattinson, William Edward John, B.E. - - 1963
Mattiske, David Donald, B.E. - - - - - 1961
Mattner, Aubrey Laurence, B.Sc. - - - - 1962
Mattner, Charles Prince, M.B., B.S. - - 1960
Mattner, Ivy Ida, B.A. - - - - - - - - 1948
Mattner, Philip Edward, B.Ag.Sc. - - - 1949
Mattner, Richard Hocking, B.E. - - - - 1952
Mattschoss, Dennis Eugene, B.Ec. - - - 1964
Matulich, Ross Noel, LL.B. - - - - - - 1950
Matz, Leonard Raymond, M.B., B.S. - - - 1958
Mauger, Alan Harris, M.B., B.S. - - - 1955
Mawby, Olga Gates, B.A. - - - - - - 1922
Mawson, Jessica Quita, B.Sc. - - - - - 1939
Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936) - - - - - - - - - - - - 1938
Maxwell, George Morrison, M.D. (Edinburgh, 1954) - - - - - - - - - - - 1960
May, Dorothy Mary, B.A. - - - - - - 1938
May, Elizabeth Ann, B.Sc. - - - - - - - 1962
May, Ernest John, B.A. - - - - - - - - 1961
May, Geoffrey Ernest, B.Ec. - - - - - - 1957
May, James Richard, B.E. - - - - - - - 1958
May, John Arthur, B.Sc. - - - - - - - 1964
May, John Colwyn, M.B., B.S. - - - - - 1958
May, John Wilhelm, M.Sc. (B.Sc., 1952) - 1956
May, Kevin Ronald, B.E. - - - - - - - 1962
May, Lancelot Harris, B.Sc. - - - - - - 1949
May, Leonard Seymour, B.Sc. - - - - - 1926
May, Rolland George, Mus.Bac. - - - - 1939
Mayer, Rolph William, B.A. - - - - - - 1964

Mayfield, Brenton John, B.Tech. - - - - 1961
Mayfield, John Maxwell, B.Sc. - - - - 1958
Mayfield, Philip, B.A. - - - - - - - - 1959
Maynard, Donald Archer Scott, B.Sc. B.A. - - - - - - - - - - - 1938 1945
Maynard, Robert Keith, B.Sc. - - - - - 1961
Mayne, Frederick, Ph.D. (Witwatersrand, 1961) - - - - - - - - - - - - 1962
Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - - - - - - 1937
Mayo, Clarice Elton, B.A. - - - - - - 1935
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945) - - - - - - - - - 1957
Mayo, Helen Mary, M.D. (M.B., B.S., 1902) 1926
Mayo, Sir Herbert, LL.B. - - - - - - 1909
Mayo, John, B.A. - - - - - - - - - 1963
Mayo, Mary Penelope, M.A. - - - - - - 1937
Mayo, Oliver, B.Sc. - - - - - - - - - 1964
Mead, Anthony Irwin, M.B., B.S. - - - - 1964
Mead, Dorothy, B.A. - - - - - - - - 1927
Mead, John William, B.Ec. - - - - - - 1950
Mead, Marjory, B.A. - - - - - - - - 1933
Mead, Peter Robert, B.Tech. - - - - - - 1962
Meadows, Arthur Wilkes, Ph.D. (London, 1951) - - - - - - - - - - - - 1955
Meaker, Arthur Reginald, B.A. - - - - - 1940
Meaney, Maxwell Francis, B.Sc. - - - - 1950
Meaney, Neville Kingsley, M.A. (B.A., 1955) 1956
Measday, Ellen May, B.A. - - - - - - 1940
Measday, Jack William, B.E. - - - - - 1948
B.Ec. - - - - - - - - - - - - - - 1962
Medianik Mykola Boris, M.B., B.S. - - - 1962
Medlin, Brian Herbert, B.A. - - - - - - 1959
Medlin, Edwin Harry, Ph.D. (B.Sc., 1949) - 1956
Medlin, Graham Courtney, B.Sc. - - - - 1963
Medlow, David, B.Sc. (Eng.) - - - - - 1944
Medwell, John Gordon, B.A. - - - - - 1952
Meiers, John Maurus, B.A. - - - - - - 1937
Meija, Juris Sigurds, B.E. - - - - - - 1962
Melbourne, Henry Eoin Sydney, B.E. - - - 1920
Melbourne, John Clifford, B.E. - - - - - 1952
Melbourne, John Dugald, B.E. - - - - - 1964
Melbourne, William Henry John, B.A. - - 1949
Meldrum, Brian Reginald, M.B., B.S. - - - 1953
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - - - - - - - - - - - 1925
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge) - - - - - - - - - - 1951
Mellor, Geoffrey Lloyd, M.B., B.S. - - - 1947
Mellows, Peter Ernest, M.B., B.S. - - - 1947
Mellowship, John Haslet, B.A. - - - - - 1961
Melville, James, Ph.D (London, 1934) - - 1956
Melville, John Howard, LL.B. - - - - - 1959
Melville, Susan, B.A. - - - - - - - - 1963
Melvin, Geoffrey Ronald, M.B., B.S. - - - 1954
Melvin, Maxwell Victor, B.A. - - - - - - 1958
Menadue, John Laurence, B.Ec. - - - - - 1956
Mencel, Anton Joseph, B.Tech. - - - - - 1964
Menear, Ira, B.A. - - - - - - - - - 1927
B.Ec. - - - - - - - - - - - - - 1955
Menear, Yvonne, M.B., B.S. - - - - - - 1957
Menz, Emmi Margarete, B.A. - - - - - - 1932
Menz, William John, B.Ec. - - - - - - 1948
Menzies, The Rt. Hon. Robert Gordon, C.H., Q.C., M.P., LL.D. (Melbourne) - - - - 1961
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - 1947
Mercer, Donald James, B.E. - - - - - - 1957
Mercer, Edgar Howard, D.Sc. (B.Sc., 1935) 1960
Mercer, Frank Verdun, B.Sc. - - - - - - 1942
Merchant, David John, Mus.Bac. - - - - - 1959
Meredith, Peter, M.A. (Oxford, 1953) - - 1963
Merity, John Patrick, LL.B. - - - - - - 1952
Merrett, James Laurence, B.Sc. - - - - - 1949
Mertin, Jack Victor, B.Ag.Sc. - - - - - 1944
Messel, Harry, Ph.D. (National University, Ireland) - - - - - - - - - - - 1952
Messenger, Malcolm James, B.E. - - - - 1960
Messent, Esther Mary, B.A. - - - - - - 1928
Messent, Keith Santo, B.E. - - - - - - 1920
Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918) - - - - - - - - - - - - 1923
Messent, Philip William Santo, M.B., B.S. - 1954
Mestrov, Thomas John, M.B., B.S. - - - - 1959
Mestrov, Francis, B.E. - - - - - - - - 1963
Metchnik, Victor Ivor, Ph.D. - - - - - - 1963
Meyer, Carl Hugh Alexander, B.Med.Sc. - - 1963
Meyer, Heinrich Carl, B.Sc. - - - - - - 1932
Meyer, Richard Leo, B.A. - - - - - - - 1953
Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953) - - - - - - - - - - 1957
Michael, Maxwell Roy, B.E. - - - - - - 1951
Michael, Peter William, Ph.D. (B.Ag.Sc., 1951) - - - - - - - - - - - - 1959
Michell, Charles Francis, M.B., B.S. - - 1921
Michell, Meredith June, B.A. - - - - - - 1958
Michell, Mignon Norma Howard, B.A. - - - 1944
Michelmore, Christopher John, B.E. - - - 1964
Michelmore, Walter Maxfield, B.Sc. - - - 1941
Mickan, Bruce Valentine, B.Ec. - - - - - 1959
Mickan, Erwin Laurence, B.Sc. - - - - - 1956
Mickan, John Herbert, M.B., B.S. - - - - 1952
Middleton, Melville John William, B.A. - - 1941
Middleton, William Thomas Steele, B.Sc. - 1947
Mierisch, Robert Johnston, M.E. (B.E., 1954) 1957
*Miethke, Adelaide Laetitia, B.A. - - - - - 1924
Mihailovitch, Mira, B.A. - - - - - - - 1962
Mikuzis, Jonas, M.B., B.S. - - - - - - 1954
Milazzo, Clare Cecelia, B.A. - - - - - - 1952
Milazzo, Stephen Charles, M.B., B.S. - - - 1949
Milburn, Elizabeth Mary, B.A. - - - - - 1964
Mildren, Joy Marlene, B.Sc. - - - - - - 1963
Mildren, Mary Louise, B.A. - - - - - - 1955
Mildren, Michael John, B.E. - - - - - - 1959
Milencewicz, Witalius, M.B., B.S. - - - - 1959
Miles, John Arthur Reginald, M.D. (Cambridge, 1951) - - - - - - - - - - 1953
Miles Peter Wallace, Ph.D. (Cambridge, 1957) - - - - - - - - - - - - 1959
Miles, Perry Ambrose, M.Sc. (B.Sc., 1949) 1951
Milesi, Angelo John, B.Sc. - - - - - - 1927
Mill, James Crowe Davidson, M.B., B.S - - 1953
Millard, Colin, B.Ec. - - - - - - - - 1950
Millard, Diane Lesley, B.Sc. - - - - - - 1963
Millard, Susan Helen, B.Sc. - - - - - - 1963
Miller, Annie Rose, B.A. - - - - - - - 1934
Miller, Beryl Jessica, B.A. (Tasmania—1923) 1924
Miller, Colin David John, B.Med.Sc. - - - 1961
M.B., B.S. - - - - - - - - - - - - 1963
Miller, Edward Paul, B.E. - - - - - - 1964
Miller, Ian Charles, M.B., B.S. - - - - - 1958
Miller, Ian Lindemann, M.B., B.S - - - 1938
Miller, James William Haigh, B.Ec - - - 1960
Miller, John Keetley, M.B., B.S - - - - 1955
Miller, John Milton, M.B., B.S. - - - - 1957
Miller, John Stephen Corfield, M.A. (Cambridge, 1942) - - - - - - - - - - 1963
Miller, Joseph Brendan, B.E. - - - - - 1951
Miller, Justin Herbert, M.B., B.S - - - - 1954
*Miller, Leslie Gordon, M.B., B.S. - - - - 1949
Miller, Malcolm William, M.B., B.S. - - - 1932
Miller, Margaret Una, B.A. - - - - - - 1928
Miller, Michael Joseph, B.E. - - - - - - 1961
Miller, Peter Beresford, B.Ec. - - - - - 1964
Miller, Peter Geoffrey, B.Sc. - - - - - 1952
Miller, Raymond Orlando Maurice, B.A. - - 1905
Miller, Robert Lionel, B.Sc. - - - - - - 1942
M.B., B.S. - - - - - - - - - - - 1947
Miller, Roderick Stuart, B.D.S. - - - - - 1961
Miller, Roland John, B.E. - - - - - - - 1961
Miller, Thomas William, B.Tech. - - - - 1960
Miller, Victor John, B.E. - - - - - - - 1952
Millerd, Alison Adele, Ph.D. (Sydney, 1953) 1959
Millhouse, Grace Mary, LL.B. - - - - - 1960
Millhouse, Glenn, B.D.S - - - - - - - 1948
Millhouse, Peter Leslie, M.B., B.S. - - - 1961
Millhouse, Robin Rhodes, LL.B - - - - - 1951
*Millhouse, Vivian Rhodes, LL.B. - - - - - 1939
Milligan, Brian, Ph.D. (B.Sc., 1952) - - - 1956
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951) - - - - - - - - - - 1958
Mills, Barbara Joyce, B.A. - - - - - - 1938
Mills, Bernard Jeffrey, B.Ec. - - - - - - 1962
Mills, Bessie Heather, B.A. - - - - - - 1952
Mills, Brian Charles, B.Tech. - - - - - - 1964
Mills, Dorothy Nell, B.A. - - - - - - - 1928
Mills, Elliott Whitfield, LL.B. - - - - - 1962
Mills, Eric Baxter, B.E. - - - - - - - 1929
Mills, John Archer, M.Sc. (B.Sc., 1938) - - 1944
Mills, John Brabyn, B.Sc - - - - - - - 1936
Mills, John Murray, B A - - - - - - - 1952
Mills, John Scott, B E - - - - - - - - 1955
B.A. - - - - - - - - - - - - - - 1963
Mills, Kenneth William, B.Sc. - - - - - - 1962
Mills, Kingsley John, B.Sc. - - - - - - 1959
Mills, Richard Andrew, B.Sc. - - - - - - 1962

* Deceased.

Mills, Richard Graham John, B.Sc. - - - 1961
Milne, Annie Johnson, B.A. - - - - - 1936
Milne, Anthony John, M.B., B.S. - - - - 1961
Milne, Geoffrey Maxwell, B.Sc. - - - - 1963
Milne, Kenneth Harvey, B.E. - - - - 1925
Milne, Kenneth James, B.Sc. - - - - - 1964
Milne, Kevin Fowler, M.B., B.S. - - - 1951
Milne, Margaret Dove, B.Sc. - - - - - 1964
Milner, Bryan John, B.Sc. - - - - - - 1959
Milner, Desmond Walter, B.E. - - - - 1936
Milton, Bernard Eric, M.Sc. (B.Sc., 1954) - 1959
Milton, Gerald White, M.B., B.S. - - - 1947
Milton, Henry Richard, B.E. - - - - - 1958
Mincham, Julian Hans, B.A. - - - - - 1962
Mus.Bac. - - - - - - - - - - - 1964
Minihan, Agnes Cecelia, M.A. (B.A., 1927) 1933
Minkiewicz, Irene Anna, B.D.S. - - - - 1962
Minnis, Neville Lister, M.B., B.S. - - - 1963
Minson, Charles Stanley, B.Ec. - - - - 1939
Miocevich, Leonard Stephen James, M.B., P.S - - - - - - - - - - 1958
Miraglia, Carlotta Rosina, B.A. - - - - 1953
Mirarchi, John, B.A. - - - - - - - - 1964
Misson, Patrick William, M.B., B.S. - - - 1956
Mitchell, Adrian Christopher William, B.A. - 1962
Mitchell, Alan, B.E. - - - - - - - - 1964
Mitchell, Albert Leonard, B.A. - - - - 1956
Mitchell, Betty Dawn, B.A. - - - - - 1947
Mitchell, Donald Thomas, B.E. - - - - 1930
Mitchell, Frank Wyndham, B.Sc. - - - 1927
B.A. - - - - - - - - - - - - 1933
M.A. (Ph.D., London, 1937) - - - - 1943
Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947) - - - - - - - - - - - 1951
Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924) - - - - - - - - - 1932
Mitchell, Helen Margaret, B.Sc. - - - 1952
Mitchell, Ian Vaughan, B.Sc. - - - - - 1959
Mitchell, John Turnbull, B.Ec. - - - - 1953
Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - 1948
Mitchell, Margaret Elspeth, B.Sc. - - - - 1961
Mitchell, Sir Mark Ledingham, B.Sc. - - 1923
Mitchell, Noel John, M.B., B.S. - - - 1956
Mitchell, Percival Harris, B.A. - - - - 1906
Mitchell, Peter, B.Sc. - - - - - - - 1959
Mitchell, Peter Ranald, M.B., B.S. - - - 1963
Mitchell, Robert John, B.Sc. - - - - - 1960
Mitchell, Roma Flinders, LL.B. - - - - 1934
Mitchell, Terrence John, B.A. - - - - 1957
Mitchell, Thomas Oliver, B.Ag.Sc. - - - 1933
*Mitchell, Sir William, M.A. (Edinburgh, 1886) - - - - - - - - - - - 1895
Mitchell, William Robert, B.E. - - - - 1950
Mitchell, William Russell, B.E. - - - - 1948
Mitchell, Zonne Marion, B.A. - - - - - 1956
Mitt, Hugo, M.E. (B.E., 1955) - - - - 1962
Mitton, Jennifer Jean, B.A. - - - - - 1956
Mitton, Madge Winifred, B.A. - - - - 1963
Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926) - - - - - - - - - - - 1928
Mizon, Errol Alfred, B.Sc. - - - - - - 1948
Moffat, Dorothy Joan, B.A. - - - - - 1944
Moffat, May Josephine, M.B., B.S. - - - 1911
Moffatt, Betty Josephine Margaret Douglas, B.A. - - - - - - - - - - - 1946
LL.B. - - - - - - - - - - - - 1947
Moffatt, Cathie Douglas, M.B., B.S. - - 1953
Moffatt, Graeme Gilbert, M.Ec. (B.Ec., 1957) 1960
Moffatt, Jeannie May Douglas, M.B., B.S. - 1953
Moffatt, Michael James, B.E. - - - - - 1962
Moffitt, Richard Barry, B.E. - - - - - 1952
Mofflin, Lionel Hugh, M.B., B.S. - - - 1948
Mohr, Robert Finey, LL.B. - - - - - 1953
Molineux, Marion Ruth, B.A. - - - - - 1954
Molineux, Ronald Eugene, B.E. - - - - 1947
Moller, William John, B.Ag.Sc. - - - - 1959
Mollison, Brenton Graham, M.B., B.S. - - 1961
Molloy, Raymond Brian, B.A. - - - - - 1950
Monckton, Basil Robert, M.E. - - - - 1964
*Moncrieff, Josephine Hartley, B.A. - - - 1911
Moncrieff, Mary Kathleen, B.A. - - - - 1910
Moncrieff, Rostrevor Brooke, M.B., B.S. - 1952
Monfries, John William Elliott, B.D.S. - - 1924
Mongan, Horace John, B.E. - - - - - 1918
Monro, John Malcolm, Ph.D. - - - - - 1959
Montgomery, Albert, M.B., B.S. - - - - 1955
Montgomery, George Francis, B.Tech. - - 1964
Montgomery, Malcolm George, LL.B. - - 1962
Moodie, Colin Troup, LL.B. - - - - - 1934
Moodie, Robert Beresford, LL.B. - - - 1931
Moody, Keith, B.Sc. - - - - - - - - - 1964
Moorcroft, Edward, B.Sc. - - - - - - - 1959
Moore, Alan Walter, B.Ag.Sc. - - - - - 1948
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) - - - - - - - - 1926
Moore, Brian William, B.Sc. - - - - - 1961
Moore, Cecily Anne, B.A. - - - - - - 1954
Moore, Colin Eugene, M.B., B.S. - - - - 1959
Moore, Donald Rex, B.Sc. - - - - - - 1922
Moore, Elizabeth Douglass, B.A. - - - - 1963
*Moore, George Douglas, B.Sc. - - - - - 1904
Moore, Harold Robinson, M.B., B.S. - - 1945
Moore, Humphrey Owen, B.Sc. - - - - 1932
Moore, John Lewis, M.B., B.S. - - - - 1957
Moore, Jon Reading, B.Tech. - - - - - 1962
Moore, Kevin Reading, B.D.S. - - - - 1951
Moore, Kevin Terance, B.Tech. - - - - 1960
Moore, Max Clifford, M.B., B.S. - - - 1946
Moore, Murray Ira, B.E. - - - - - - 1956
Moore, Phillip James, LL.B. - - - - - 1960
Moore, Phyllis Mary, B.A. - - - - - - 1909
*Moore, Robert Brian, B.Sc. - - - - - - 1950
Moore, Robert Clifton, B.A. - - - - - 1956
Moore, Robert Waters, B.Ag.Sc. - - - 1957
Moore, Roberta Frances Leah, M.B., B.S. - 1962
Moores, John Robert, B.Sc. - - - - - 1960
Morad, Ahmad Bin, M.B., B.S. - - - - 1954
Moran, Francis Brian, LL.B. - - - - 1948
Moran, John Francis, B.D.S. - - - - - 1941
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - 1947
Morcom, Ross George, B.E. - - - - - 1955
More, William St. Barbe, B.Sc. (Western Australia, 1922) - - - - - - - - 1947
Moreland, Jack, M.B., B.S. - - - - - 1926
Moretti, Franco Giacomo, B.E. - - - - 1964
Morey, Burnard Spondley, B.Sc. - - - 1950
Morey, David Ian, B.Sc. - - - - - - 1962
Morey, Geoffrey Wilson, M.B., B.S. - - 1926
Morgan, David Archibald Stevenson, M.B., B.S. - - - - - - - - - - - 1943
Morgan, Edward James Ranembe, LL.B. - 1920
Morgan, Eric Desmond, B.D.S. - - - - 1948
Morgan, Furness David, Ph.D. (California, 1956) - - - - - - - - - - - 1959
Morgan, Garth Alan, B.E. - - - - - - 1963
Morgan, Graham Thomas, B.Ec. - - - - 1961
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - 1953
Morgan, Lloyd Kenneth, M.B., B.S. - - 1952
Morgan, Owen Brakspear, M.B., B.S. - - 1952
Morgan, Olwen Esther, B.A. - - - - - 1930
Morgan, William Matheson, B.E. - - - 1930
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957) - 1961
Morlet, Geoffrey Claude, M.B., B.S. - - 1955
Morley, Donald Norman, B.Sc. - - - - 1960
Morphett, Anthony Eddy, B.Sc. - - - - 1950
Morphett, Ian Rivers, B.Tech. - - - - 1960
Morphett, John Neville, B.A. - - - - 1955
Morphett, John Wallace, B.E. - - - - - 1958
Morris, David Franklin, B.Sc. - - - - 1955
Morris, Hildred Ione, B.A. - - - - - 1929
Morris, John Lennox, B.A. - - - - - 1949
Morris, Kerwin William, B.Sc. - - - - 1949
Morris, Lenore, B.Sc. - - - - - - - 1950
Morris, Lloyd Lewis, M.B., B.S. - - - - 1964
Morris, Lyndall Erica, B.A. - - - - - 1924
Morris, Mervyn Charles, LL.B. - - - - 1923
Morris, Neville Johnston, M.B., B.S. - - - 1959
Morris, Norval Ramsden, LL.M. (Melbourne, 1948) - - - - - - - - - - - 1959
Morris, Robert William James, B.E. - - - 1962
Morrison, Anna Stirling, B.A. - - - - - 1963
Morrison, Ian Bruce, B.E. - - - - - - 1958
Morrison, John Colin, B.A. - - - - - - 1959
Morriss, Elsie, M.A. (B.A., 1928) - - - 1931
Morrissy, Noel Michael, B.Sc. - - - - - 1962
Mortess, Ian Richard, M.B., B.S. - - - 1958
Mortimer, Isabel Inkster, M.B., B.S. - - 1955
Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957) - - - - - - - - - 1961
Morton, Christopher Gordon, B.E. - - - 1924
Morton, Donald James, B.Sc. - - - - - 1956
Morton, Julia, B.A. - - - - - - - - - 1963

* Deceased.

°Morton, Robert Kerford, Ph.D. (Cambridge, 1952) - - - - - - - - - - 1959
Morton, Robert Kitchener, B.E. - - - - 1963
Mosel, Ian Robert, B.Sc. - - - - - - 1964
Mosel, John Robert, B.Tech. - - - - - 1964
Moseley, Graham Edward, B.E. - - - - 1962
Moses, Margaret Veronica, B.A. - - - - 1963
Moss, Colin Lance, B.A. - - - - - - 1939
Moss, Malcolm, B.E. - - - - - - - - 1963
Moss, Rodney Clare, M.B., B.S. - - - 1954
Moten, Brian Leslie, B.E. - - - - - - 1953
Moten, John Michael, B.Sc. - - - - - 1955
Moten, Kathleen Margaret, M.B., B.S. - - 1957
Motteram, Philip, B.E. - - - - - - - 1914
Motteram, Reginald, B.Sc. - - - - - - 1934
M.B., B.S. - - - - - - - - - - - 1939
Moulden, Arnold Meredith, LL.B. - - - 1914
Moulden, Barbara Meredith, B.A. - - - 1957
Moulden, John Owen, LL.B. - - - - - 1938
Moulden, Owen Meredith, M.B., B.S. - - 1910
Mounster, Valerie Luella, B.A. - - - - 1928
Mounster, Walter Edward, B.Tech - - - 1961
Mount, Anthony Blair, B.Sc. - - - - - 1958
Mount, Graham Jaunay, B.D.S. (Sydney, 1946) - - - - - - - - - - - 1962
Mount, Jonathan, B.E. - - - - - - - 1955
Mountford, Charles Pearcy, M.A. - - - 1964
Mountford, Graham Charles, B.Sc. - - - 1963
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934) - - - - - - 1934
Mowatt, Anne Margaret, B.Sc. - - - - - 1962
Moyes, John Stoward, M.A. (B.A., 1905) - 1907
Moyes, Morton Henry, B.Sc. - - - - - 1910
Moyle, Francis James, B.Sc. - - - - - 1950
Moyle, Sidney, M.A. (B.A., 1914) - - - 1917
B.Sc. - - - - - - - - - - - - 1926
Moyses, Bertram Ivey, B.E. - - - - - 1937
Moyses, Douglas Raymond, B.Tech. - - - 1963
Mudge, Peter Rowland, M.B., B.S. - - - 1962
Mudge, Margaret, B.A. - - - - - - - 1953
Mudie, David, B.E. - - - - - - - - 1964
Mudie, George Dempster, B.E. - - - - 1921
Muecke, David Sunter, M.B., B.S. - - - 1958
Muecke, Douglas Colin, B.A. - - - - - 1948
Muecke, Francis Frederick, M.B., B.S. - - 1902
Muecke, Ian Donald, B.A. - - - - - - 1955
Muecke, Peter Sunter, B.Sc. - - - - - 1959
Mueller, Dorothy Concordia, B.A. - - - 1953
Mueller, Edwin Albert, B.A. - - - - - 1939
Mueller, Geoffrey Leslie, B.Sc. - - - - 1961
Mueller, Malcolm Dudley, B.E. - - - - 1950
Mueller, Merna Alma, M.B., B.S. - - - 1950
Mueller, Rae Vernon, B.Sc. - - - - - 1944
Muetzelfeldt, Dorothea, B.A. - - - - - 1951
Muetzelfeldt, Elfriede Elise, M.A. (B.A., 1937) - - - - - - - - - - - 1950
Mugford, Eric Kenwyn, B.A. - - - - - 1964
°Mugford, Frank Kenneth, M.B., B.S. - - 1925
Mugford, Keith, M.B., B.S. - - -- - - 1957
Mugford, Lancelot Suckling, B.A. - - - 1945
Mugford, Rex Ernest, B.A. - - - - - - 1944
Muhammad, Abdul Munim Hassan, B.Ag.Sc. 1952
Muirden, Elizabeth Alice, B.A. - - - - 1950
Muirden, Hector Raymond, B.A. - - - - 1930
Muirhead, Andrew Mackinnon, B.D.S. - - 1950
Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - - 1950
Muirhead, James Henry, LL.B. - - - - 1950
°Muirhead, Leonard Graeme, M.B., B.S. - - 1911
Muirhead, Mortimer John Croft, M.B., B.S. 1949
Muizulis, Voldemars, B.E. - - - - - - 1951
Mulcahy, Dennis Estcourt, B.Sc. - - - - 1962
Mules, Betty Lavina, B.A. - - - - - - 1945
Mules, Glen Ronald John, B.Sc. - - - - 1963
Muljadi, Djojomartono, B.Ag.Sc. - - - - 1960
Mullan, Barry James, B.E. - - - - - - 1961
Mullen, Brian Anthony, LL.B. - - - - 1935
Muller, Hans Konrad, B.Med.Sc. - - - - 1961
M.B., B.S. - - - - - - - - - - - 1963
Muller, Peter Neil, B.E. - - - - - - 1949
Mullins, Francis Joseph, B.E. - - - - 1956
Mullins, Margaret Anne, Mus.Bac. - - - 1959
Mulvihill, Edward John, B.A. - - - - - 1958
Mullner, Judith Anne, B.Sc. - - - - - 1953
Mumme, Ivan Albert, B.Sc. - - - - - - 1949
Mumme, William Gustav, Ph.D. (B.Sc., 1956, M.Sc., 1959) - - - - - - - - - - 1964
Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - - - - - 1949
Munday, Malcolm Joseph, B.D.S. - - - 1953
Munday, Neill Horace, M.B., B.S. - - - 1924
Munday, Robert Neill, M.B., B.S. - - - 1955
Mundy, Kevin Arnold, B.A. - - - - - - 1936
Mune, Marie Elizabeth, M.A. (B.A., 1953) - 1962
Munn, Bertha Helen Temple, B.A. - - - 1917
Munn, Sydney Morris, B.A. - - - - - - 1940
Munro, Barbara Joan, B.A. - - - - - - 1951
Munro, Ian Alexander, B.Sc. - - - - - - 1949
Murchland, John Byrne, M.B., B.S. - - - 1954
Murdoch, Bronwen, B.A. - - - - - - - 1950
Murdoch, Robert Bruce, B.E. - - - - - 1957
Murn, Vincent Alan, B.E. - - - - - - 1941
Murphy, Evangeline, B.A. - - - - - - 1907
Murphy, John Frederick, B.Arch. - - - - 1964
Murphy, Margaret Jane, B.A. - - - - - 1947
Murphy, Marjorie Rose, B.A. - - - - - 1956
Murphy, Mary, B.A. - - - - - - - - 1933
Murphy, Noel Julian, B.Tech. - - - - - 1961
Murphy, Peter Raymond, B.Sc. (Eng.) - - 1943
Murphy (nee Glynn), Shylie Patricia, B.A. - 1942
Murphy, Thomas Roy, M.Sc. - - - - - - 1957
Murphy, Wayne Theodore, B.Tech. - - - 1964
Murphy, William Hugh, B.Sc. - - - - - 1955
Murray, Andrew Walter, B.Ag.Sc. - - - 1961
Murray, Donald Bruce Seymour, M.B., B.S. 1953
Murray, Eric Lionel, Ph.D. (B.Sc., 1953) - 1962
Murray, Gordon Seymour, M.B., B.S. - - 1944
Murray, Ian James Douglas, B.E. - - - 1960
Murray, Ian Peter, B.Sc. - - - - - - - 1959
Murray, John Dunmore, B.E. - - - - - 1953
Murray, John McKenzie, B.Tech. - - - - 1958
Murray, Keith Douglas, M.B., B.S. (Sydney, 1953) - - - - - - - - - - - 1961
Murray, Lyndon George, M.B., B.S. - - - 1961
Murray, Noel William, B.E. - - - - - - 1950
Murray, Philomena Mary, B.A. - - - - - 1934
Murrell, Helen Calvert, B.Sc. - - - - - 1949
M.B., B.S. - - - - - - - - - - - 1955
Murrell, Timothy George Calvert, M.B., B.S. 1959
Murrie, Elizabeth Leroy, B.A. - - - - - 1964
Murton, Dennis John, B.Sc. - - - - - - 1964
Musman, Roma Josephine, B.A. - - - - - 1943
Mussared, Graham William, M.B., B.S. - - 1964
Mussared, Peter Llewellyn, B.E. - - - - - 1955
Mutton, Henry Edwin Howard, M.A. (B.A., 1918) - - - - - - - - - - - - 1922
Mutton, Howard James Charles, B.A. - - 1954
Mutze, George Friedrich, M.B., B.S. - - 1952
Mychajlyszyn, Jaroslav, B.E. - - - - - - 1956
Myers, Allan Arthur, M.B., B.S. - - - - 1963
Myers, Arthur Mervyn, M.B., B.S. - - - 1933
Myers, Jeanice Elizabeth, B.A. - - - - 1964
Myers, Lyndhurst William Arthur, LL.B. - 1964
Myhill, Reuben John, B.D.S. - - - - - 1948
Myles, Brian George Lloyd, M.B., B.S. - - 1962
Mysak, Lawrence Alexander, M.Sc. - - - - 1963

N

Nader, Clement Joseph, B.Sc. - - - - - 1959
Nagel, Norman Edgar, B.A. - - - - - - 1945
Naidu, Nannuru Anjaneyulu, M.Ag.Sc. - - 1959
Nairn, Donald Elwyn, M.B., B.S. - - - 1953
Nairn, Jennifer, B.Sc. - - - - - - - 1954
Nairn, John Wallace, B.E. - - - - - - 1949
Nairn, Mary Beatrice, M.B., B.S. - - - 1953
Nairn, Peter Ross, B.E. - - - - - - - 1949
Nairn, Robert Ian, B.D.S. - - - - - - 1951
Nairn, Robert John, B.E. - - - - - - - 1960
Nairne, Alexander Livingstone, M.A. - - 1905
Nambiar, Gopalan, M.B., B.S. - - - - - 1964
Nancarrow, Colin Douglas, B.Ag.Sc. - - 1964
Nancarrow, Cyril Gawler, LL.B. - - - - 1936
Nancarrow, Jean Isobel. B.A. - - - - - 1947
Nancarrow, Judith, B.A. - - - - - - - 1964
Nancarrow, Malcolm Ewart, M.B., B.S. - - 1946
Nankervis, Nerissa Glenda, B.Sc. - - - - 1963
Nankivell, Joseph Frank, B.Sc. - - - - 1945
Nankivell, Maxine Vera, B.A. - - - - - 1945
Nankivell, Shirley Dawn, M.B., B.S. - - 1953
Nankivell, William Field, B.Ag.Sc. - - - 1950
Napier, Bruce, B.D.S. - - - - - - - - 1949
Napier, Ian Murray, M.Sc. (B.Sc., 1957) - 1960
Napier, Sir Thomas John Mellis, LL.D. (LL.B., 1902) - - - - - - - - - 1959
Narcisse, Khoeun, B.A. - - - - - - - - 1963
Nash, Leslie Malcolm, B.Tech. - - - - - 1959
Nash, Philip Llewellyn, M.B., B.S. - - - 1958

° Deceased.

Natar, George, M.B., B.S. - - - - - - - 1964
Nath, Jagdishwar, M.Ag.Sc. - - - - - - 1959
Naughtin, Patrick Chanel, M.A. (B.A., 1949) 1956
Nayda, Mervin Lawrence, B.Tech. - - - 1958
Naylor, John Colenso, LL.B. - - - - - - 1923
Naylor, Margaret Mary Jessie Damley, B.A. 1920
Naylor, Robert, Ph.D. - - - - - - - - 1964
Naylor, Rupert Leslie, M.B., B.S. - - - 1924
Neal, Henry George Milton, B.E. - - - - 1963
Neal, Laurie Frederick, B.A. (London, 1935) 1960
Neale, Arthur, M.B., B.S. - - - - - - 1952
Neale, Nancy Gwennyth, M.Sc. (B.Sc., 1942) 1945
Neale, Shirley Margaret, B.Sc. - - - - 1946
Neck, Maurice Allan, B.E. - - - - - - 1950
Neely, Mary Boyd Woodburn, B.A. - - - 1953
Neely, Mervyn George, M.B., B.S. - - - 1957
Neighbour, Keith, B.E. - - - - - - - 1952
Nelligan, Joseph William, LL.B. - - - 1921
Nelson, Archibald John Alexander, B.A. - 1938
Nelson, Cynthia, B.A. - - - - - - - - 1945
Nelson, Douglas Clyde, B.Sc. - - - - - 1964
Nelson, James Angus, B.E. - - - - - - 1949
Nelson, Peter John, Ph.D. (B.Sc., 1960) - 1964
Nelson, William Barton, B.E. - - - - - 1924
Nenke, Robert Leonard, B.E. - - - - - 1955
Nerlich, Graham Charles, M.A. (B.A., 1955) 1957
Nesbitt, Robert William, Ph.D. (Durham, 1961) - - - - - - - - - - - - 1962
Nettle, Richard William, B.E. - - - - - 1941
Nettle, Robert James, M.B., B.S. - - - - 1958
Nettlebeck, Colin William, B.A. - - - - 1960
Nettlebeck, David Clive, B.A. - - - - - 1960
Neuling, Herman James, B.E. - - - - - 1937
Neuenkirchen, George Murray, B.E. - - - 1947
Neuenkirchen, John Basil, B.E. - - - - - 1953
Neville, Bernard William, B.A. - - - - - 1964
Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956) - - - - - - - - - 1959
Newbery, Maxwell Charles, B.E. - - - - 1954
Newland, Ben Totham Jervois, M.B., B.S. - 1952
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896 - - - - - - - - - - 1902
Newland, Janet Howard, B.A. - - - - - 1964
Newland, Malcolm Creswell, M.B., B.S. - 1938
Newland, Nancy Benning, LL.B. - - - - 1937
Newman, Bernard William, B.Sc. - - - - 1934
Newman, Edgar Harold, LL.B. - - - - - 1894
Newman, Jeffrey Howard, B.E. - - - - - 1957
Newman, Kenneth Fisher, B.Ec. - - - - - 1938
B.A. - - - - - - - - - - - - - - - 1940
Newman, Lewis Arthur, B.Sc. - - - - - 1925
Newman, Ralph Frederic, LL.B. - - - - 1945
Newnham, William Arthur, M.B., B.S. - - 1946
Newport, William George B.Tech. - - - - 1961
Newsome, Alan Eric, M.Sc. - - - - - - 1963
Ng, Andrew Lian Timn, B.A. - - - - - - 1954
Ng, Boon Gim, M.B., B.S. - - - - - - - 1962
Ng, Boon Keng, M.B., B.S. - - - - - - - 1960
Ng, Robert Lian Wee, M.B., B.S. - - - - 1961
Ngui, Sui Lin, Paul, B.Sc. - - - - - - 1964
Nichol, Lawrence Walter, Ph.D. (B.Sc., 1956) - - - - - - - - - - - - 1962
Nicholas, David James Donald, D.Sc. (London, 1957) - - - - - - - - - - 1964
Nicholas, Herbert Ahearn, B.D.S. - - - - 1950
Nicholas, Ian James, B.E. - - - - - - - 1959
Nicholas, Rowland John, B.A. - - - - - 1943
Nicholls, Barbara Ruru, B.A. - - - - - 1941
Nicholls, Christopher William Gordon, LL.B. 1963
Nicholls, Colin Herbert, B.Sc. - - - - - 1949
Nicholls, Donald Alfred, M.B., B.S. - - - 1945
Nicholls, Edward Maxwell, M.B., B.S. - - 1949
Nicholls, Eric Pascoe, M.B., B.S. - - - - 1956
Nicholls, Henry, B.E. - - - - - - - - - 1938
Nicholls, Jack Montague, M.B., B.S. - - - 1946
Nicholls, James Herschel, M.B., B.S. - - - 1942
Nicholls, Jonathan Kingsley, B.A. - - - - 1924
Nicholls, Kelvyn Elmo, M.B., B.S. - - - - 1948
Nicholls, Leslie Albert, B.Sc. - - - - - 1949
Nicholls, Leslie Herbert, B.A. - - - - - 1893
Nicholls, Leslie Thorncliffe, B.E. - - - - 1948
Nicholls, Peter Borden, Ph.D. - - - - - 1963
Nicholls, Trevor Thomas, M.B., B.S. - - - 1957
Nicholls, Valwynne Arthur, M.B., B.S. - - 1959
Nichols, Graham Philip, B.Tech. - - - - - 1960
Nichols, Ian Andrew, B.A. - - - - - - - 1951
LL.B. - - - - - - - - - - - - - - - 1953
Nichols, Reginald Clarence, B.Sc. - - - - 1945
Nichols, Terence Ivan, B.Sc. - - - - - - 1960
Nichols, Trevor Charles, B.Sc. - - - - - - 1948
Nicholson, Hugh John Gay, B.E. - - - - - 1916
Nicholson, Ian Lancaster, B.E. - - - - - 1939
Nichterlein, Frieda Pauline, B.A. - - - - 1948
Nickolai, Max Ronald, B.Sc. - - - - - - 1952
Nickolls, Peters Michael, LL.B. - - - - - 1953
Nicoll, Robert Peter, B.Sc. - - - - - - - 1964
Nicolson, Alexander John, B.Ag.Sc. - - - 1960
Nicolson, Andrew David, B.Ag.Sc. - - - - 1954
Nicolson, Hamish, M.B., B.S. - - - - - - 1962
Nicolson, Murray Thomas, B.Sc. - - - - - 1945
Nield, Alexander Cowell, M.B., B.S. - - - 1956
Nield, Hugh Cowell, LL.B. - - - - - - - - 1962
Nienaber, Blair, B.E. - - - - - - - - - 1953
Nietz, Arno Oscar, B.A. - - - - - - - - 1951
Nietz, Herbert Walter, M.A. (B.A., 1913) - 1918
B.Sc. - - - - - - - - - - - - - - 1921
Nietz, Ian Arno, B.E. - - - - - - - - - - 1954
Nikitins, Helene, B.A. - - - - - - - - - 1963
Nikitins, Margarita, B.Sc. - - - - - - - - 1963
Nilsson, Carl Sigurd, B.Sc. - - - - - - - 1956
Nilsson, Neil Alfred, Ph.D. (M.A., 1955; B.A., 1951) - - - - - - - - - - - 1959
Nilsson, Reginald Hakan, B.Ec. - - - - 1944
Ninnes, Alan Herbert, B.Sc. - - - - - - 1957
Ninnes, Arthur Reginald, B.A. - - - - - 1943
Ninnes, Patricia O'Moore, B.A. - - - - - 1957
Nitschke, Ian Athol, B.Sc. - - - - - - - 1964
Nitschke, John Edwin, B.E. - - - - - - - 1949
Nitschke, Peter John, B.Sc. - - - - - - - 1962
Nixon, Valerie Colinette, B.A. - - - - - 1957
Nizamuddin, Mohammed, Ph.D. - - - - - 1961
Noack, Charles Hugh, M.B., B.S. - - - - 1941
Noack, Peter John, B. Tech. - - - - - - 1958
Noall (nee Piercy), Olive Edriss, B.A. - - 1935
Nobbs, Jack McKay, M.Sc. (B.Sc., 1944) - - 1951
Nobbs, William David, LL.B. - - - - - - 1949
Nobes, Edith Dorothy, B.Sc. - - - - - - 1921
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - 1948
Noble, Elaine Kay, B.Sc. - - - - - - - - 1958
Noble, Geoffrey Robert, LL.B. - - - - - 1958
Noble, George Grant, LL.B. - - - - - - - 1937
Noblett, David John, B.E. - - - - - - - 1950
Noblett, Hedley Lindsay, B.A. - - - - - 1926
Noblett, Max Hadden, B.A. - - - - - - - 1957
Nogare, Ronald Raphael Dalle, B.Sc. - - - 1953
Nolan, Gordon David, B.Tech. - - - - - - 1961
Nolte, Bryan Trevor, B.E. - - - - - - - 1957
°Noltenius, Harry Edward, B.A. - - - - - 1902
Noolan, Jon Gillett, B.Ec. - - - - - - - 1963
Noon, David Lyon, B.A. - - - - - - - - 1952
Noonan, John William, B.A. - - - - - - - 1952
Noonan, Patrick Robert, B.Ec. - - - - - 1957
Nordin, Alfred Walter, B.E. - - - - - - 1957
Norgard, John Davey, B.E. - - - - - - - 1937
Norman, Albert Edward, B.A. - - - - - - 1948
Norman Arthur Edward, B.Sc. - - - - - - 1949
B.A. - - - - - - - - - - - - - - - 1955
Norman, Harold Ashley, LL.B. - - - - - 1947
Norman, Peter, B.Sc. - - - - - - - - - 1964
Norman, Peter Anthony, B.E. - - - - - - 1964
Norman, William Gowan, M.B., B.S. - - - 1938
Norrie, Douglas Hector, B.E. (New Zealand, 1952) - - - - - - - - - - - - 1957
Norris, Allan Mervyn, B.A. - - - - - - - 1956
North, John Brian, M.B., B.S. - - - - - - 1963
North, Rita Bridget Rice, LL.B. - - - - - 1945
North, William Ian, M.B., B.S. - - - - - 1939
Northcote, Geoffrey Graham, B.E. - - - - 1959
Northcote, Robert Stafford, Ph.D. - - - - 1964
Northeast, Keith Laurence, B.Tech. - - - - 1963
Northey, Helen Louise, B.Sc. - - - - - - 1953
Northey, James Douglas, B.A. - - - - - - 1919
Northmore, Sir John Alfred, LL.B. - - - - 1887
Norton, Margaret, M.A. (Chicago, 1955) - - 1958
Nott, Harry Carew, M.B., B.S. - - - - - - 1913
Nottage, Neil Thomas, B.Tech. - - - - - - 1961
Nottle, Geoffrey Edward, B.A. - - - - - - 1956
Novotny, Jaroslav, B.Sc. - - - - - - - - 1960
Noye, Brian John, B.Sc. - - - - - - - - 1964
Nugent, Naomi Mary, B.Sc. - - - - - - - 1954
Nunan, Douglas Stephen, B.A. - - - - - - 1960
Nunn, Christina Eleanor, B.Sc. - - - - - 1964
Nunn, George Marshall, M.B., B.S. - - - - 1951
Nunn, Kevin Joseph, B.Sc. - - - - - - - 1942
Nurman, Muhamad, B.Tech. - - - - - - - 1962
Nyland, Margaret Jean, LL.B. - - - - - - 1964

° Deceased.

O

Oakeshott (nee Scrutton), Patricia Margaret, B.A. - - - - - - - - - - 1951
Oaten, Harold Richard Hugh Noel, M.B., B.S. 1935
Oaten, Robin Richard, B.E. - - - - - - 1963
Oats, William Nicolle, B.A. - - - - - 1932
Oborn, Benjamin Watson, B.E. - - - - - 1956
Oborn, Elizebeth-Anne Watson, B.A. - - - 1959
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - - - - - 1949
O'Brien, Francis John Romuald, B.A. - - 1951
O'Brien, Hartley Eric, B.A. - - - - - - 1939
B.Ec. - - - - - - - - - - - - 1954
O'Brien, John Alexander, M.B., B.S. - - 1947
O'Brien, John Aloysius, B.Ec. - - - - - 1951
O'Brien, John Barrie, B.Ec. - - - - - 1961
O'Brien, John Louis, B.E. - - - - - - - 1961
O'Brien, Maurice Aloysius, B.A. - - - - 1945
O'Brien, Peter Christopher, B.Ag.Sc. - - - 1962
O'Brien, Ross Pagden, B.E. - - - - - 1949
O'Callaghan, Desmond Joseph, B.Sc. - - 1949
O'Callaghan, Miah Patrick, LL.B. - - - 1937
O'Callaghan, Peter John, B.D.S. - - - 1952
Ockenden, Ralph David, B.D.S. - - - 1948
Ockenden, Robert Hartley, B.Ec. - - - 1951
Ockendon, Garth Palmer, B.A. - - - - 1950
O'Connell, Brian John, B.Sc. - - - - 1952
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951) - - - - - - - - - - - 1953
O'Connell, Geraldine Mary, B.A. - - - - 1962
O'Connor, Deirdre Catherine, B.A. - - 1950
O'Connor, Denise Christobel, B.A. - - - 1947
O'Connor, Diana Jean, M.B., B.S. - - - 1949
O'Connor, Graham Geoffrey, B.Sc. - - - 1964
O'Connor, John Desmond, M.B., B.S. - - 1952
O'Connor, Maxwell James, B.Sc. - - - 1957
O'Connor, Peter Joseph, B.A. - - - - 1951
O'Connor, Playford D'Arcy, M.B., B.S. - 1938
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932) - - - - - - - - - - - 1939
O'Connor, Reginald William, LL.B. - - 1953
B.A. - - - - - - - - - - - 1956
O'Connor, Thomas James, B.A. - - - - 1962
O'Connor, Walter John, M.D. (M.B., B.S., 1934) - - - - - - - - - - - - 1938
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - 1947
O'Dea, Kathleen Mary, M.B., B.S. - - - 1948
Odgers, Anne Catherine, B.A. - - - - 1962
Odlum, Leonard Ralph, B.Sc. - - - - 1937
Odlum, Reginald Lance, LL.B. - - - - 1937
Odlum, Vernon James, M.B., B.S. - - - 1939
O'Donnell, Alan James, M.B., B.S. - - - 1962
O'Donnell, Elizabeth Anne, LL.B. - - - 1954
O'Donnell, Margaret Helena, B.Sc. - - 1954
O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947) - - - - - - - - - - - 1951
O'Donoghue, Raymond Francis, B.Ec. - - 1951
O'Donoghue, Raymond Richard, B.A. - - 1963
O'Donoghue, Stephen Kevin, B.A. - - - 1912
O'Driscoll, Elliot Sylvester, M.Sc. - - - 1963
O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939) - - - - - - 1960
Oertel, Carolyn Ruby, B.Sc. - - - - - 1964
Offler, Robin, B.Sc. - - - - - - - - 1960
O'Grady, Helen Patricia, M.A. (B.A., 1959) 1961
O'Grady, Kevin John, M.B., B.S. - - - - 1958
O'Grady, Maureen Therese, B.Sc. - - - 1957
Offord, Thomas Frank, B.Sc. - - - - - 1951
Ogilvie, Keith Ross, B.E. - - - - - - 1956
Oh, Kong Yew, B.E. - - - - - - - - 1959
O'Halloran, Michael William, M.Sc. (B.Sc., 1954) - - - - - - - - - - - 1957
O'Halloran, Sydney John, M.B., B.S. - - 1962
O'Hara, Brian Isidro, M.B., B.S. - - - 1950
O'Keeffe, John, LL.B. - - - - - - - - 1957
Ohlstrom, Leonore Anne, M.A. (B.A., 1929) 1962
Olden, John Albany Niquet, M.B., B.S. - - 1958
Oldfield, Frederick Bernam, B.Sc. - - - 1923
Oldfield, Neil, M.B., B.S. - - - - - - 1940
Oldham, Brenda Helen, B.A. - - - - - 1941
Oldham, Marjory (nee Anderson), B.A. - 1915
Oldham, Wilfrid Hugh, B.E. - - - - - - 1948
Olding, Raymond Knox, B.Ec. - - - - - 1964
Oldman, Bruce Phillips, B.Ec. - - - - - 1960
O'Leary, Patrick Damian, B.D.S. - - - - 1951
Olijnyk, Nikolas, B.Sc. - - - - - - - 1960
Oliphant, Hurtle Garth, B.Tech. - - - - 1959
Oliphant, Sir Marcus Lawrence Elwin, B.Sc. 1923
Oliphant, Michael John, B.Sc. - - - - - - 1958
Oliver, Archibald Robert, M.E. (B.E., 1941) 1952
Oliver, Robert Wallace, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - - - 1945
Oliver, Robin Langford, Ph.D. (Cambridge, 1954) - - - - - - - - - - - 1959
Oliver, Jeffrey Graham, B.Sc. - - - - - 1960
Ollini, Richard, B.Sc. - - - - - - - - 1957
O'Loughlin, Kevin Thomas, LL.B. - - - 1949
B.A. - - - - - - - - - - - 1956
O'Loughlin, John Augustine, M.B., B.S. - - 1961
O'Loughlin, Maurice Francis, LL.B. - - - 1956
Olsen, Christopher John, B.E. - - - - 1964
Olsen, Paul Engberg, B.E. - - - - - - 1941
Olssen, Edwin Alexander, M.A. (B.A., 1937) 1947
Olsson, Athol Julius, LL.B. - - - - - 1920
Olsson, Graham Douglas, LL.B. - - - - 1956
Olsson, Leslie Trevor, LL.B. - - - - - 1954
O'Malley, Charles Ernest Denis, B.E. - - 1932
O'Malley, John Edwin, B.A. - - - - - 1945
Omond, D'Arcy James, B.E. - - - - - 1949
O'Moore, Ellenora Patricia, M.B., B.S. - - 1961
O'Neil, Cornelius Patrick, B.A. - - - - 1949
O'Neill, Marguerite, B.A. - - - - - - 1949
O'Neill, Peter Hendy, B.A. - - - - - - 1961
O'Neill, Sydney, M.B., B.S. - - - - - 1917
Ong, Teng Chiong, B.Arch - - - - - - 1962
Ooi, Boon Teck, B.E. - - - - - - - - 1962
Ooi, Eam Beng, B.Sc. - - - - - - - - 1963
Ooi, Kok Lee, Willie, M.B., B.S. - - - 1964
Oon, Chuan Siew, Robert, B.Sc. - - - - 1964
Ophel, Trevor Richard, B.Sc. - - - - 1955
Opie, Alan James, B.E. - - - - - - - 1953
Opie, Brian Preston, B.E. - - - - - - 1949
Opie, Peter Bruce, M.B., B.S. - - - - 1956
Opie, Roderick Preston, B.A. - - - - - 1959
Opie, Roger Gilbert, M.A. (B.A., 1949) - - 1951
Opie, Thomas Schulz, B.A. - - - - - - 1923
Opit, Julius Marcus, B.Sc. - - - - - - 1955
Opit, Louis Jonah, M.B., B.S. - - - - - 1949
Oram, Rex Neville, Ph.D. (B.Ag.Sc., 1953) 1960
Orchard, Barbara Winifred, M.B., B.S. - - 1959
Orchard, Donald Ralph, B.E. - - - - - 1956
B.Ec. - - - - - - - - - - - 1961
O'Reilly, Ronald James, B.Sc. - - - - - 1961
Osborn, Peter William, B.Sc. - - - - - 1949
Osborn, Rowen Frederic, B.A. - - - - - 1947
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911) - - - - - 1912
Osborn, Thomas Raymond, B.Sc. - - - - 1942
Osborne, Dennis James, B.Ec. - - - - - 1959
Osborne-White, Douglas Arthur, B.E. - - 1952
Osborne-White, William Sidney, B.Sc. - 1956
O'Shea, John Martin, B.Sc. - - - - - - 1961
Osman, Boris, B.E. - - - - - - - - 1940
Osman, Neile, M.A. (B.A., 1942) - - - 1945
Osman, Muhammed Abdul Ghaffar, B.Sc. - 1964
Osmond, Phyllis Dawn, B.A. - - - - - 1949
O'Sullivan, James David, LL.B. - - - - 1949
O'Sullivan, John Joseph, B.A. - - - - 1953
Oswald, Murray Oliver, B.A. - - - - - 1964
Oswald, Peter James, B.Tech. - - - - - 1958
Othams, Dorothy Elizabeth, B.A. - - - 1925
Othams, Herbert Reginald, B.A. - - - 1937
Ottens, Graham John, B.Sc. - - - - - 1962
Otto, Lance Martin, B.E. - - - - - - 1954
Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - - - 1948
Owen, Donald Keith, B.Tech. - - - - 1960
Owen, Evan Thomas, M.B., B.S. - - - 1956
Owen, Gwenyth Winsome, B.A. - - - - 1941
Owen, Indra Joshua, B.Ec. - - - - - 1956
Owens, Arthur John, B.Sc. - - - - - 1926

P

Pacevicius, Stase, B.D.S. - - - - - - - 1959
Packer, Arthur Dudley, M.Sc. (B.Sc., 1939) 1951
M.D. (M.B., B.S., 1942) - - - - - 1951
Packer, John Stuart, B.E. - - - - - - 1953
Packer, (nee Kay), Lorimer Judith, B.D.S. - 1959
Packer, Mina, B.D.S. - - - - - - - - 1933
Packer, Roger Stanley, M.B., B.S. - - - 1961
Paddick, Anthony William, B.Sc. - - - 1960
Padget, Jerry Maxwell, B.Tech. - - - - 1958
Padman, Clara Helen, B.A. - - - - - 1904
Padman, Mabel Margaret, B.A. - - - - 1941
Padman, Marsden Waterhouse, B.E. - - 1923

Padman, Maurice Skipsey, B.A. - - - - 1931
Padman, William Donald, LL.B. - - - 1933
Paech, Bernice Mary, B.A. - - - - - 1950
Paech, Helen Joan, B.A. - - - - - - 1959
Paech, John Adolph, B.A. - - - - - 1942
Page, Albert Edward, B.A. - - - - - 1914
Page, Anthony Edward, M.B., B.S. - - 1962
Page, Dean Campbell, LL.B. - - - - 1954
Page, Eleanor Florence, B.A. - - - - 1940
Page, Geoffrey Wilton, B.D.S. - - - 1940
Page, Gertrude Erica, B.Sc. - - - - 1945
Page, Helen Claire, B.A. - - - - - - 1964
Page, Leland Ivor, M.B., B.S. - - - - 1952
Page, Maurice Roy, B.E. - - - - - - 1950
Page, Ronne Earle, B.A. - - - - - - 1949
Pahl, Paul David, B.A. (N.Z., 1941) - - 1943
Pahl, Peter John, B.Sc. - - - - - - - 1962
Paholski, Francis Edmond, B.E. - - - - 1953
Paice, John Clarence, B.Sc. - - - - - 1964
Paice, William Osborne, B.A. - - - - 1953
Pain, Roy Willoughby, M.B., B.S. - - - 1957
Paine, Helen, B.A. - - - - - - - - 1938
Paine, Sir Herbert Kingsley, LL.B. - - - 1904
Paine, Janet, B.A. - - - - - - - - - 1944
Painter, Mary Galloway, Mus.Bac. - - - 1952
Painter, Rowland George, B.A. - - - - 1934
M.B., B.S. - - - - - - - - - - - 1947
Pakianathan, Samuel Wright, B.Sc. - - - 1962
Pak Poy, Patricia Geraldine, B.A. - - - 1956
Pak Poy, Patrick Gerald, B.E. - - - - 1958
Pak Poy, Reginald Kenneth Felix, M.D. (M.B., B.S., 1955) - - - - - - - - 1960
Paleg, Leslie Godell, Ph.D. (Iowa, 1955) - 1959
Palenschus, Henry Arthur, B.Sc. - - - - 1964
Pallant, Donald James, B.A. - - - - - 1962
Palm, Duncan Louis, B.E. - - - - - - 1952
Palmer, Ernest William, LL.B. - - - - 1939
Palmer, Ian Dexter, B.Sc. - - - - - - 1964
Palmer, Raymond Amos, B.E. - - - - - 1953
Palmer, Robert Hale, B.E. - - - - - - 1953
Palmer, Thomas Robert, B.E. - - - - - 1958
Paltridge, Angus Lindsay, B.Ec. - - - 1951
Paltridge, Richard Lee, B.Sc. - - - - - 1959
Paltridge, Richard Noel, B.Sc. - - - - 1947
Paltridge, Terence Brady, B.Sc. - - - - 1926
Panabokke, Christopher Rajendra, Ph.D. - 1957
Pandjaitan, Conrad Halomoan, B.E. - - - 1963
Panikkar, Radhakrishnan Narayana, M.B., B.S. - - - - - - - - - - - - - 1959
Pannell, Peter John, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - 1950
Panter, Roderick Alan, B.Sc. - - - - - 1964
Parbo, Arvi Hillar, B.E. - - - - - - - 1956
Parham, Anthony Robert, M.B., B.S. - - 1954
Parham, Elizabeth Ann, B.A. - - - - 1950
Parham, Geoffrey William, B.Ec. - - - - 1961
Park, Ruth Alison, B.A. - - - - - - - 1939
Parker, Cecil David, B.Sc. - - - - - - 1932
Parker, George Lucas, B.E. - - - - - - 1948
Parker, Graham Eric, LL.M. (LL.B., 1959) - 1962
Parker, Janne Jacobus, M.A. - - - - - - 1964
Parker, Mina Evelyn, B.A. - - - - - - 1930
°Parker, Murray Harold, M.Sc. (B.Sc., 1950) 1952
Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954) - - - - - - - - - 1960
Parker, Ross Lloyd, B.E. - - - - - - - 1957
Parkhill, Douglas Leonard, M.E. (M.A., Sc., British Columbia, 1958) - - - - - - - 1962
Parkhouse, Devon, M.B., B.S. - - - - 1907
Parkhouse, Thomas William, B.Sc. - - - 1940
Parkin, Cherry Wedgwood, B.A. - - - - 1964
Parkin, Dorothy Joan, B.A. - - - - - - 1936
Parkin, Ian Andrew, B.Sc. - - - - - - 1961
Parkin, John Wilson, B.E. - - - - - - - 1964
Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938) - - - - - - - - - - - - - 1949
Parkinson, Geoffrey William, B.A. - - - 1964
Parkinson, Kevin John, B.Sc. - - - - - 1949
Parks, Veronica June, M.B., B.S. - - - - 1958
Parr, Stanley Robert, B.Ec. - - - - - - 1957
Parrott, Charles Philip, B.Tech - - - - 1958
Parry, Doris, B.A. - - - - - - - - - 1931
Parsons, Albert Christian, B.E. - - - - 1950
Parsons, Barbara, B.A. - - - - - - - - 1949
Parsons, Colin, B.A. - - - - - - - - - 1958
Parsons, Denis, B.Tech. - - - - - - - - 1962
Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932) - - - - - - - - 1935
Parsons, Harold Stephen, Mus.Bac. - - 1912
Parsons, Ian Ross McKenzie, B.Med.Sc. - - 1958
Parsons, Peter Angas, B.Ag.Sc. - - - - 1955
Parsons, Peter Gordon, B.Sc. - - - - - 1963
Parsons, Philip Brendon Angas, 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, Dean James, B.E. - - - - - - 1964
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. - - - - - - 1920
M.A. (B.A., 1926) - - - - - - - - 1932
Paull, Colin Gordon, M.B., B.S. - - - - 1953
Paull, Gwenda Helen, B.A. - - - - - - 1964
Paull, Torrance Arnold, M.B., B.S. - - - 1947
Pavia, Roy Rowling, B.A. - - - - - - - 1913
Pavillard, Robin Eugene, M.B., B.S. (London, 1957) - - - - - - - - - - - - 1960
Pavy (nee Proud), Emily Dorothea, B.A. - 1908
Pavy, Harold Keith, M.B., B.S. - - - - 1919
Pavy, Ian Gordon, M.B., B.S. - - - - - 1943
Pavy, John Keith, M.B., B.S. - - - - - 1952
Pavy, Rosemary Dorothea, M.B., B.S. - - 1948
Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947) - - - - - - - - - 1954
Paxon, Thomas Gordon, M.D. (London, 1956) - - - - - - - - - - - - - - 1961
Payne, Allan Barrie, B.Sc. - - - - - - 1961
Payne, George Basil, B.A. - - - - - - 1935
Payne, Louise Mary Gwythyr, B.A. - - - 1914
Paynter, Norman Catchlove, B.A. - - - 1937
Payze, Rodney John, B.E. - - - - - - 1964
Peacock, Dennis Peter, B.A. - - - - - 1964
Peake, Noel Horace, M.B., B.S. - - - - 1954
Pearce, Alfred Moreton, B.A. - - - - - 1951
Pearce, Brian Godfrey, B.A. - - - - - 1962
Pearce, Charles Clifton, B.A. - - - - - 1938
Pearce, David Fraser, B.Tech. - - - - - 1962
Pearce, Dennis Charles, LL.B. - - - - - 1961
Pearce, Desmond Beresford Newman, B.Sc. 1951
Pearce, Helen Ruth, B.A. - - - - - - - 1958
Pearce, Neil William, B.Tech. - - - - - 1963

° Deceased.

Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948) 1955
Pearce, Trevor Sandison, B.Ag.Sc. 1953
Pearcy, Lyn Harley Draper, M.B., B.S. 1953
Pearlman, Patricia Ruth, B.A. 1964
Pearlman, Rex Lindsay, M.B., B.S. 1963
Pearlman, Robert Graham, M.B., B.S. 1963
Pearman, Reginald John, B.Sc. 1954
Pearse, David Hiles, B.Tech. 1962
Pearson, Anne Keeler, B.A. 1964
Pearson, Halley James Crawford, B.A. 1944
Pearson, Henry Gurner, B.Tech. 1959
Pearson, Kenneth Robert, B.A. 1964
Pearson, Leslie Allan, B.Tech. 1962
Pearson, Leslie Norman, B.A. 1941
Pearson, Thomas Pickering, B.Tech. 1959
Pech, Herman, B.A. 1947
Pech, Rufus, B.A. 1947
Pederick, Leith Hubert, B.Sc. 1960
Pederson, David George, B.Sc. 1962
Pedler, John Meavious, M.B., B.S. 1935
Pedler, Pender James, B.Sc. 1963
Pedlow, Clarice, B.Sc. 1942
Peel, Edward John, B.Sc. 1964
Peirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937) 1947
Peirce, Reginald Frank, B.A. 1938
Peirson, Clive Graham, M.Ec. (B.Ec., 1960) 1964
Pellew, Catherine Annabel, M.B., B.S. 1964
Pellew, Dorothy Elaine, LL.B. 1960
Pellew, Henry Edwin, M.B., B.S. 1924
Pellew, Janie Christobel, B.D.S. 1932
Pellew, Lancelot Vivian, LL.B. 1922
Pellew, Leonard James Ternouth, M.B., B.S. 1932
Pellew, Richard Alfred Amyas, M.B., B.S. 1934
Pellew, Timothy Yuill, B.Arch. 1964
Pelton, Louis Alfred Hall, B.Sc. (Eng.) 1942
Pelz, Ines Charlotte, B.A. 1960
Pemberton, Russell Edward, B.Sc. 1964
Penery, Donald Vivian, B.Tech. 1961
Pengelley, John Michael, B.Ec. 1952
Pengilly, Clifford Kipling, B.E. 1930
Penglase, Dean Trestrail, B.E. 1951
Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956) 1962
Penn, John Halbert, B.E. 1953
Penn, Malcolm Richard Stephen, LL.B. B.A. 1964
Pennicott, Margaret Mary, B.A. 1961
Pennington, Beryl, B.A. 1942
Penna, Elwyn Dunstan, B.A. 1952
Penny, David Harry, M.Ec. (B.Ec., 1952) 1958
Penny, Harold John, M.B., B.S. 1913
Penny, Hubert Harry, M.A. (B.A., 1926) 1932
Penny, John Philip, M.Sc. (B.Sc., 1958) 1961
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951) 1959
Pennycuick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) 1923
Penrose, John Michael, B.Ec. 1964
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) 1935
Pereira, John Evelyn De Haan, B.A. 1945
Perkins, Brian Randall, B.Sc. 1955
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928) 1943
Perkins, Marie Pauline, B.A. 1949
Perrett, Lance Victor, M.B., B.S. 1952
Perriam, Donald John, B.Med.Sc. 1962
Perriam, Judith Faye, B.Sc. 1964
Perry, Audrey Vivienne, LL.B. 1949
Perry, Dulcie May, B.A. 1939
Perry, John William, LL.B. 1959
Perry, Rayden Alfred, M.Sc. (B.Sc., 1947) 1956
Perry, Robert George, B.E. 1956
Pertl, Joseph, LL.B. 1961
Peter, Beth Ellen, B.Sc. 1957
Peter, Phyllis Grace, B.A. 1960
Peters, Brian Harry, M.B., B.S. 1948
Peters, Geoffrey Ernest, B.A. M.B., B.S. 1925 1927
Peters, Geoffrey John, M.B., B.S. 1961
Peters, George Francis, B.Sc. 1948
Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959) 1960
Peters, John Irwin, B.E. 1959
Peterson, Jean Clarice, B.A. 1940
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) 1939
Petrie, Enid Beatrice, Mus.Bac. 1935
Petrikas, Elvira, M.B., B.S. 1958
Petrucco, Oswald Marino, M.B., B.S. 1964
Pettit, Garth Derwood, B.D.S. 1953
Pettit, Janet Ann, B.A. 1961
Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950) 1954
Pfeiffer, Edgar Reginald, B.Sc. 1953
Pfeiffer, Gordon James, B.D.S. 1949
Pfeiffer, Norman, B.A. 1938
Pfitzner, David Roy, B.Sc. 1960
Pfitzner, Eric Norman, M.A. (B.A., 1930) 1933
Pfitzner, John, M.B., B.S. 1964
Pfitzner, Julian Paul, B.Sc. 1964
Pfitzner, Leo Wilkin, B.E. 1953
Pfitzner, Murray Ackland, M.B., B.S. 1953
Pfitzner, Murray Leigh, B.E. 1964
Pfitzner, Paul, B.D.S. 1961
Pfitzner, Victor Carl, B.A. 1958
Pflaum, Peter Theo, B.Ec. 1964
Phanchet, Suphawat, M.B., B.S. 1964
Phillipps, Herbert Tarlton, B.Sc. 1905
Phillipps, Keith Herbert, B.E. 1951
Phillips, Alan Dunstan, M.B., B.S. 1947
Phillips, Albert Maurice, B.E. 1959
Phillips, Basil Wright, B.D.S. 1941
Phillips, Brian Douglas, B.Sc. 1950
Phillips, Brian John, B.E. 1961
Phillips, Charles Leslie, B.D.S. 1960
Phillips, Colin Rex, B.E. 1926
Phillips, Colin William, M.B., B.S. 1963
Phillips, Gordon Gilbert, B.A. 1951
Phillips, James Henry, B.E. 1940
Phillips, James Howard, B.Sc. 1948
Phillips, John Townley, B.E. 1902
Phillips, Malcolm John, B.Tech. 1962
Phillips, Muriel Edith, B.A. 1960
Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) 1935
Phillips, Murray Thomas, B.E. 1945
Phillips, Pamela Rosemary, M.B., B.S. 1947
Phillips, Ronald Mervyn, B.A. 1951
Phillips, Walter Wynne, B.A. 1958
Phillips, William James Ellery, M.B., B.S. 1915
Phillips, William John, B.A. 1959
Phillipson, Coleman, LL.D. (Manchester, 1908) 1920
Phillips-Rees, Peter Richard, B.A. 1964
Philpott, Jennifer Mary, B.A. 1963
Phong, Nguyen Dinh, B.A. 1964
Pick, William, B.Tech. 1963
Pickering, Eric, B.A. 1960
Pickering, Geoffrey Gilmore, B.E. 1961
Pickering, Ronald Franklin, B.Sc. 1946
Pickering, Trevor George, M.B., B.S. 1958
Piddington, Robert William, B.Sc. 1963
Pierce, James John Carley, B.Ec. 1962
Pierson, Robert Arthur, B.A. 1954
Pierson, Rosalie Ann, B.A. 1964
Pietsch, Clemens Henry, M.B., B.S. 1945
Pike, Colin Edwin, LL.B. 1954
Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951) 1957
Pike, Geoffrey Howard, M.B., B.S. 1953
Pikusa, Stefan Adam, B.Arch. 1963
Pile, Kenneth Charles, B.E. 1949
Pilgrim, Alan Flinders, B.Sc. 1936
Pillai, Kotha Kanthimathy, M.B., B.S. 1958
Pillay, Elagu Sithampara, M.B., B.S. 1954
Pilton, Phyllis Evelyn, B.Sc. 1955
Pinder, Patrick Maurice, B.Arch. 1964
Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928) 1942
*Piper, Cyril Thomas, M.B., B.S. 1924
Piper, Flora Elizabeth, B.A. 1924
Piper, Herbert Walter, D.Litt. (B.A., 1938) 1961
Piper, Robert William, LL.B. 1963
Pirotta, Thomas, M.B., B.S. 1955
Pitcher, Alison Claire, Mus.Bac. 1964
Pitcher, Cyril Frederick, M.B., B.S. 1911
Pitcher, Maurice Knight, B.Sc. 1925
Pitcher, Russell Barton, M.B., B.S. 1948
Pitcher, Wendy Lois, B.A. 1961
Pitcher, William Bonython, B.Sc. 1945
Pitchon, Leon, M.B., B.S. 1960
Pitman, Beresford Ernest, B.Sc. B.A. 1945 1955

* Deceased.

Pitman, John Keith, B.Ec. - - - - - - 1964
Pitman, Michael George, Ph.D. (Cambridge, 1959) - - - - - - - - - - 1963
Pitt, George Henry, B.A. - - - - - - 1920
Pitt, Marjorie Una, B.Sc. - - - - - - 1925
Place, Ullin Thomas, M.A. (Oxford, 1949) 1953
Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927) - - - - - - - - 1937
Platt, John Talbot, B.A. - - - - - - 1951
Platten, Newell James, B.E. - - - - - 1951
Platts, John Charles, B.Tech. - - - - - 1961
Playford, John Drysdale, B.A. - - - - - 1959
Playford, Malcolm Noel, LL.B. - - - - - 1937
Playford, Margaret Claire, M.B., B.S. - - 1955
Pledge, Philip Wayne, B.Ec. - - - - - 1964
Plimmer, Geith Alfred, B.A. - - - - - - 1930
Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949) - - - - - - - - - 1961
Plummer, Alexander Philip, B.D.S. - - - 1941
Plummer, Reg Garnet, M.B., B.S. - - - 1906
Plummer, Rex Grose, M.B., B.S. - - - - 1937
°Plummer, Violet May, B.Sc. - - - - - - 1893
M.B. (Melbourne, 1897) - - - - - - 1897
Plummer, Violet Myrtle, M.B., B.S. - - - 1932
Plunkett, Norman Ambrose, B.E. - - - 1926
Plush, Donald Seward, B.Ag.Sc. - - - 1948
Pobjoy, Alice Blake, B.A. - - - - - - 1918
Pocius, Martynas, B.E. - - - - - - - 1955
Pocock, Edward Robert, M.A. (B.A., 1956) 1958
Pocock, Kenneth John, B.Sc. - - - - - 1961
Pohlman, William Frederick Claude, B.Sc. - 1926
Poidevin, Leslie Oswyn Sheridan, M.D. (M.B., B.S., Sydney, 1938) - - - - 1960
Polasek, Metodey, B.Ec. - - - - - - - 1958
Polden, Marjorie Phillippa, B.A. - - - - 1962
Pole, Audrey Elizabeth, B.A. - - - - - 1956
Polglase, Norman, B.Sc. - - - - - - - 1947
Polkinghorne, Graham Keith, B.E. - - - 1954
Polkinghorne, Kate Elinor, B.A. - - - - 1931
Polkinghorne, Keith, B.A. - - - - - - 1936
Polkinghorne, Noel Francis, B.A. - - - 1934
Pollard, Pamela Helen, LL.B. - - - - 1963
Pollnitz, Eunice Adah, B.A. - - - - - 1938
Polomka, Simon Peter, B.Ag.Sc. - - - - 1955
Polson, Reginald Alexander, B.E. - - - 1929
Pomroy, Alan Browning, B.E. - - - - 1938
Pomroy, Richard Osborne, B.E. - - - - 1923
Ponnia, Anthonipillai, B.E. - - - - - 1954
Ponsford, Joan Helen, B.Sc. - - - - - 1949
Pontifex, Ian Russell, B.Sc. - - - - - 1961
Poole, Frederick St. John, M.B., B.S. - - 1909
Poole, Gilbert Graham, B.Sc., B.E. - - - 1921
Poole, Richard John, B.E. - - - - - - 1951
Poon, Hin Yeung, Patrick, B.D.S. - - - 1964
Poon, Mong Yue, Thomas, B.D.S. - - - 1963
Pope, Geoffrey Weston, B.Sc. - - - - 1951
Pope, Gerald Wardlaw, B.Sc. - - - - - 1963
Pope, John Travers, B.E. - - - - - - 1957
Pope, Kathlyn Hilary, B.A. - - - - - 1952
Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942) 1949
Pope, Norman Hector, B.Tech. - - - - - 1960
Pope, Peter Myles Burton, B.E. - - - - 1949
Porra, Robert John, B.Sc. - - - - - - 1957
Porter, Ailsa Rosemary, B.Sc. - - - - 1955
Porter, Christopher Robert, B.Sc. - - - 1961
Porter, David James, LL.B. - - - - - - 1961
Porter, Harold George, B.A. - - - - - 1941
Porter, James Glanville, B.Tech. - - - 1960
Porter, James Lincoln, Mus.Bac. - - - 1960
Porter, John Reginald, B.Tech. - - - - 1963
Porter, Kingsley Clarence, M.B., B.S. - - 1942
Porter, Maurice John, B.Tech. - - - - - 1961
Porter, Mervyn Kingsley, B.A. - - - - 1958
Porter, Michael Glenthorne, B.Ec. - - - 1964
Porter, Reginald Bernard, M.Sc. (B.Sc., 1953) 1960
Porter, Robert, B.Med.Sc. - - - - - - 1954
Porter, Robert Critchley, LL.B. - - - - 1962
Porter, Rodney Crawford, B.E. - - - - 1959
Porter, Ronald Frank, B.D.S. - - - - - 1940
Porter, Thelma May Edith, B.A. - - - - 1941
Posen, Solomon, M.B., B.S. - - - - - 1955
Possingham, John Victor, M.Sc. (B.Ag.Sc., 1951) - - - - - - - - - - 1955
Possingham, Maxwell Leonard, B.Sc. - - - 1954
M.E. (B.E., 1956) - - - - - - - - 1959
Posner, Alan Meyer, Ph.D. (Cambridge, 1950) - - - - - - - - - - - 1961
Postle, Douglas Gordon, M.B., B.S. - - 1941
Postle, Herbert Thomas, LL.D. (Melbourne, 1920) - - - - - - - - - - - 1922
Potter (nee Bates), Betty, B.Sc. - - - - 1939
B.A. - - - - - - - - - - - - 1942
Potter, Brian John, M.Sc. (B.Sc., 1945) - 1950
Potter, David Charles, B.E. - - - - - - 1962
Potter, Dennis Robert, B.Sc. - - - - - 1963
Potter, Frank Jaques, LL.B. - - - - - - 1947
B.A. - - - - - - - - - - - - 1957
Potter, Helen Anderson, B.Sc. - - - - - 1962
Potter, Ian Downing, B.A. - - - - - - - 1959
Potter, James Downing, B.Sc. - - - - - 1964
Potter, John Colin, B.Ag.Sc. - - - - - 1948
Potter, John Lewis, B.Tech. - - - - - - 1961
Potter, John Stanley, B.Ag.Sc. - - - - - 1957
Potter, Maurice Martyn, B.Sc. - - - - - 1957
Potter, Robert James, B.E. - - - - - - 1961
Potter, Roy Adolph, M.A. (B.A., 1913) - - 1923
Potter, Vernon Wheatley, M.B., B.S. - - 1941
Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948) - 1956
Potts, Ethelwyn, B.A. - - - - - - - - 1909
Potts, Frank Roland, B.Sc. - - - - - - 1922
Potts, Gilbert Macdonald, M.A. (B.A., 1911) 1915
Potts, John Louis, M.B., B.S. - - - - - 1951
Potts, Kevin Thomas, Ph.D. (D.Phil., Oxford, 1954) - - - - - - - - - - - 1959
Potts, Leo, M.B., B.S. - - - - - - - - 1955
Potts, Renfrey Burnard, B.Sc. - - - - - 1945
Powell, Alan Anthony Leslie, B.Ag.Sc. (Sydney, B.Sc.Agr., 1959) - - - - - - 1962
Powell, Barry James, B.Ec. - - - - - - 1964
•Powell, Harold, M.B., B.S. - - - - - - 1913
Powell, Kathleen Naomi, B.A. - - - - - 1925
Powell, Miriam Athalie, B.A. - - - - - 1927
Power, Frances Maureen, B.A. - - - - - 1951
Power, Francis Bryan, B.Ec. - - - - - 1951
Power, John Leslie, LL.B. - - - - - - - 1922
Powrie, James Kelvin, M.Sc. - - - - - - 1951
Powrie, Robert Malcolm, M.B., B.S. - - - 1956
Poynton, John Orde, M.D. (Cambridge, 1941) 1948
Pozhidajev, Helen, B.A. - - - - - - - 1964
Pratt, Bryan Harry, B.Ag.Sc. - - - - - 1962
Pratt, John, B.Sc. - - - - - - - - - 1964
Pratten, Raymond Douglas, B.Sc. - - - 1952
Preece, Julia Anne, B.A. - - - - - - - 1949
Preece, Kathleen Mary, B.A. - - - - - 1952
Preedy, Winifred Edna, B.D.S. - - - - 1927
Prenzler, Theodor Carl, B.A. - - - - - 1955
Prescot, Rupert Warre, B.A. - - - - - - 1930
Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919) - - - - - - - - - - - 1924
D.Sc. - - - - - - - - - - - - 1932
Prescott, John Russell, B.Sc. - - - - - 1944
Presgrave, David Kenneth, B.Tech. - - - 1958
Preskett, Malcolm, B.Tech. - - - - - - 1963
Presley, Charles Frederick, B.A. (Wales, 1950) - - - - - - - - - - - 1959
Prest, David Harris, B.Sc. - - - - - - 1953
Prest, Elizabeth Maurine, M.B., B.S. - - - 1951
Prest, Henry Gordon, M.B., B.S. - - - - 1925
Prest, Jennifer Anne, B.A. - - - - - - 1957
Prest, Robert Henry, B.A. - - - - - - 1957
Preston, John Arthur Rowland, M.B., B.S. - 1955
Preston, Tom, B.E. - - - - - - - - - 1924
Price, Sir Archibald Grenfell, M.A. (Oxford, 1919) - - - - - - - - - - - 1920
D.Litt. - - - - - - - - - - - - 1932
Price, Charles Archibald, B.A. - - - - - 1944
Price, Charles William Russell, M.B., B.S. 1932
Price, Ione Dorothy, B.A. - - - - - - - 1948
Price, Isobel Phebe, B.Sc. - - - - - - 1964
Price, James Robert, D.Sc. (B.Sc., 1932; M.Sc., 1935) - - - - - - - - - 1954
Price, Joan Isabel, B.A. - - - - - - - 1938
Price, Judith Helen, B.Sc. - - - - - - - 1961
Price, Kenneth Bonamy, B.A. (Oxford, 1949) 1951
Price, Trafford Conor, B.Sc. - - - - - - 1957
Price, Winifred Vera, B.A. - - - - - - 1949
Prider, Valentine Aubrey Hamilton, B.A. - 1951
Pridham, Geoffrey Jasper, LL.B. - - - - 1953
B.A. - - - - - - - - - - - - 1955
Pridham, Lancelot Robert, B.Sc. - - - - 1947
Pridmore, Brian Roy, M.B., B.S. - - - - 1964
Pridmore, Kenneth George, B.Tech. - - - 1964
Pridmore, Roy Vernon, B.Sc. - - - - - 1925
M.B., B.S. - - - - - - - - - - 1929
Priebbenow, Arthur David, B.A. - - - - 1960
Priebbenow, Clarence Raymond, B.A. - - 1958

° Deceased.

Priest, Amy Grace, M.A. (B.A., 1920) - - 1923
Priest, Reginald Arthur, B.Sc. - - - - 1951
Prime, Andree Joyce, B.A. - - - - - 1945
Prime, Henry Ashworth, M.Sc. (Manchester, 1946) - - - - - - - - - - - - 1954
Prince, Erica Lloyd, B.A. - - - - - 1913
Prior, Graham Clifton, LL.B. - - - - 1960
Prior, Mary Dene, M.B., B.S. - - - - - 1963
Pritchard, John Joseph, B.Sc. - - - - 1934
Pritchard, John Nelson, B.A. - - - - - 1954
Pritchard, Robert Keith, B.Ag.Sc. - - - - 1953
B.A. - - - - - - - - - - - - - 1961
Pritchard, Vita, B.A. - - - - - - - 1941
Probert, James Keith Stewart, B.Sc. - - - 1951
B.Tech. - - - - - - - - - - - - 1962
Proctor, Ivy Millicent, B.A. - - - - - 1935
Proctor, Rose Emily, B.A. - - - - - - 1934
Proske, Uwe, B.Sc. - - - - - - - - - 1963
Prosser, Victor Albert, B.Ec. - - - - - 1951
Proud, Millicent Farrer, M.A. (B.A., 1912) 1915
Proudman, Dorothy Mena, B.A. - - - - - 1951
Proudman, William David, M.B., B.S. - - 1952
Prouse, Kenneth George, B.A. - - - - - 1948
Provins, Kenneth Alfred, Ph.D. (Reading, 1958) - - - - - - - - - - - - 1963
Provis, Douglas Franklin, B.Sc. - - - - 1950
Prowse, Victoria Helen, B.A. - - - - - 1963
Pryce, Michael Arthur Gillies, B.E. - - - 1957
Pryke, Jenneth Meriel, B.Sc. - - - - - 1957
Pryor, Anthony John, B.Sc. - - - - - 1963
Pryor, Colin Hutson, M.B., B.S. - - - 1952
Pryor, Cecilia Marie, Mus.Bac. - - - - 1932
Pryor, Eric John, B.A. - - - - - - - 1931
Pryor, Lindsay Dixon, D.Sc. (B.Sc., 1935; M.Sc., 1939) - - - - - - - - - 1959
Pryor, William Arthur, M.B., B.S. - - - 1919
Pryor, William John, M.B., B.S. - - - - 1952
Puckridge, Donald William, B.Ag.Sc. - - 1961
Puckridge, James Terence Winston, B.A. - 1963
Puddy, Albert Forwood, LL.B. - - - - 1935
Puddy, Maude Mary, Mus.Bac. - - - - - 1905
Pudney, Colin William, B.E. - - - - - 1953
Pudney, Owen John, B.Sc. - - - - - - 1955
Pugsley, Albert Tonkin, D.Sc. (M.Sc., 1942) 1954
Pukitis, Ilze, B.A. - - - - - - - - - 1962
Puksand, Harry, B.E. - - - - - - - - 1956
Pulford, James Charles, B.Tech. - - - - 1963
Pullin, Dean Russell, B.E. - - - - - - 1958
Pullman, Brian James, Ph.D. (B.Sc., 1958, M.Sc., 1960) - - - - - - - - - 1964
Purcell, Wendy Joan Frances, B.A. - - - 1962
Purdam, Irving, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - 1950
Purdham, Robert Keith, B.E. - - - - - 1951
Purslow, Martin, B.A. - - - - - - - - 1953
Purton, David Gabriel, M.A. (B.A., 1916) - 1918
Pyne, Maurice Ignatius, M.A. (B.A., 1924) - 1930
Pyne, Remington John, M.B., B.S. - - - 1953
Pynor, Donald Edward, B.D.S. - - - - - 1950

Q

Quartly, Marian, B.A. - - - - - - - - 1964
Quayle, Bronte Clucas, LL.B. - - - - - 1948
Queale, Peter Rodney, B.E. - - - - - - 1961
Quick, Donald Glen, B.Tech. - - - - - 1959
Quinn, Mary Cecilia, B.A. - - - - - - 1955
Quinn, Michael Brian, B.Sc. - - - - - 1956
Quirk, Helen Marian, B.A. - - - - - - 1951
Quirk, James Patrick, Ph.D. (London, 1952) 1959

R

Rabone, Elaine Thelma, B.A. - - - - - - 1959
Rabone, Harry Klements Percival, B.A. - 1939
Radcliffe, John Clive, B.Ag.Sc. - - - - 1960
Radcliffe, Sheila, B.A. - - - - - - - 1944
Radden, Brian Gray, Ph.D. (London, 1959) - 1962
Radford, Anthony James, M.B., B.S. - - - 1961
Radford, Paul, M.A. (Oxford, 1934) - - - 1961
Radok, Jens Rainer Maria, Ph.D. (D.Ing., T.H. Munich, 1955) - - - - - - - 1963
Radoslovich, Edward William, M.Sc. (B.Sc., 1949) - - - - - - - - - - - 1952
Raffen, Douglas Gordon, B.E. - - - - - 1952
Raftery, George Aldborough, B.Ec. - - - 1949
Raggatt, Thomas Sutherland, B.A. - - - 1945
Raine, Margaret Napier, B.A. - - - - - 1939
Rainnie, Graeme Fraser, B.Sc. - - - - 1942
Rainsford, Kathleen Mary, B.Sc. - - - - 1943
Raison, John Kenneth, Ph.D. - - - - - - 1964
Rait, William Lockhart, M.Sc. - - - - - 1935
Rajan, Lalethambel, M.B., B.S. - - - - - 1957
Rajbhandary, Kamala Bhagat, Ph.D. - - - 1958
Ramly, Ahmad, B.E. - - - - - - - - - 1963
Ramsay, Alexander Maurice, B.Ec. - - - - 1941
Ramsay, George Caird, Ph.D. (B.Sc., 1960) 1964
Ramsay, Janet Kay, B.A. - - - - - - - 1964
Ramsey, Alfred Maxwell, B.Ec. - - - - - 1951
Ramsey, Gregor Allen, B.Sc. - - - - - - 1958
Ramsey, Michael Campbell, B.Ag.Sc. - - - - 1961
Rance, George Howe, B.Sc. - - - - - - 1935
Randall, Robert Bond, B.Tech. - - - - - 1961
Randell, Allan Elliott, M.B., B.S. (M.B., Ch.B., Melbourne, 1897) - - - - - - 1897
Randell, William Richard, M.B., B.S. - - 1947
Randle, Alexander Miller, B.Sc. - - - - - 1951
Randles, John Wesley, B.Ag.Sc. - - - - - 1961
Randva, Oswald, B.Tech. - - - - - - - 1961
Rankin, Mervyn Alexander, M.Sc. (B.Sc., 1927) - - - - - - - - - - - - 1931
Rankine, Alexander Mackenzie, M.B., B.S. - 1952
Rankine, Bryce Crossley, M.Sc. (B.Sc., 1945) 1953
Rao, Velamury Raghavendra, Ph.D. - - - 1956
Rasch, John, B.E. - - - - - - - - - - 1952
Rasch, Marjorie, B.Sc. - - - - - - - - 1956
Rasheed, Kenneth Michael, B.E. - - - - 1955
Ratcliffe, Ashleigh Fiander, B.Sc. - - - 1963
Ratcliffe, Julian Wayne, B.Sc. - - - - - 1964
Rathjen, Anthony John, B.Ag.Sc. - - - - 1962
Rathmann, Leonard Herbert, B.E. - - - - 1961
Rattigan, John Herbert, M.Sc. (B.Sc., 1948) 1955
Rattley, John Anthony Charles, B.Sc. - - 1964
Rattray, Charles McNab Iverson, B.Sc. - - 1962
Ratz, Alfred Egon, B.A. - - - - - - - 1961
Raud, Rasmus, B.Tech. - - - - - - - - 1958
Raupach, Maxwell, M.Sc. (B.Sc., 1945) - - 1954
Rawat, Rishi Ram, Ph.D. - - - - - - - 1958
Rawnsley, Stella, B.A. - - - - - - - - 1960
Rawolle, Keith Charles, B.Sc. - - - - - 1961
Ray, Angus Charles, LL.B. - - - - - - 1943
Ray, John, M.B., B.S. - - - - - - - - 1936
Ray, William Robert, B.A. - - - - - - 1933
Ray, Walter Vernon, LL.B. - - - - - - 1907
Raymond, Ira Doley, M.A. (Western Australia, 1951) - - - - - - - - - - 1964
Raymond, Trevor Ralph, B.Sc. - - - - - 1964
Rayner, Colin Robert, B.Ec. - - - - - - 1960
Rayner, George Percival, B.A. - - - - - 1920
Rayner, William Henry, B.A. - - - - - - 1907
Read, Anthony Llewellyn, B.E. - - - - - 1961
Read, Clarence Percy, B.A. - - - - - - 1959
Read, David Keith, B.Tech. - - - - - - 1964
Read, Frances Margaret, B.Sc. - - - - - 1961
Read, John Herbert, B.A. - - - - - - - 1949
Read, Norman George, M.Sc. (B.Sc., 1943) 1945
Read, Peter John, B.Ec. - - - - - - - - 1959
Read, Philip Andreas, B.A. - - - - - - 1930
Read, Philip Kimble, B.Tech. - - - - - 1964
Read, Wendy Margaret, B.A. - - - - - - 1964
Reade, Peter Clarence, M.D.S. (B.D.S., 1952) - - - - - - - - - - - - 1963
Reade, Robert Victor, B.A. - - - - - - 1964
Reardon, Mary Dulcie, B.A. - - - - - - 1952
Rechner, Russell Jay, B.Ec. - - - - - - 1961
Redden, Martin Philip, B.A. - - - - - - 1933
Redin, Lewis Charles, B.A. - - - - - - 1956
Redman, James Johnston, LL.B. - - - - - 1935
Redman, Susan Paquita, B.A. - - - - - - 1963
Redmond, John Bice, B.E. - - - - - - - 1946
Redmond, John William, B.Sc. - - - - - 1964
Redpath, Lynda Rosamond, B.A. - - - - - 1961
Redstone, Frank, B.A. - - - - - - - - 1957
Redway, John Alfred George, B.E. - - - - 1955
Reed, Barbara, B.A. - - - - - - - - - 1954
Reed, Denis John, B.Tech. - - - - - - - 1961
Reed, Eileen Ruth Lathleen, B.Sc. - - - 1919
Reed, Sir Geoffrey Sandford, LL.B. - - - 1913
Reed, Margaret Doris, B.Sc. - - - - - - 1955
Reed, Mary Ethel Hayter, M.B., B.S. - - - 1924
Reed, Robert David Geoffrey, B.E. - - - - 1950
Reed, Thomas Thornton, M.A. (Melbourne, 1927) - - - - - - - - - - - - 1929
D.Litt - - - - - - - - - - - - - 1954
Reedman, Cole Warren, B.Ec. - - - - - - 1960
Rees, Harold Mitchell, M.B., B.S. - - - - 1924
Rees, John David, B.Sc. - - -- - - - 1953
Reeves, Edith Louie, B.A. - - - - - - - 1945

Reeves, Leopold Hugh Duncan, Ph.D. - - 1964
Reeves, Rupert Kirk, M.B., B.S. - - - 1926
Rehn, Denzil Farnham, B.A. - - - - - 1955
Rehn, Peter Francis, B.E. - - - - - - 1963
Reichstein, Lance Eric Harold, B.E. - - 1922
Reid, Arthur Douglas, M.B., B.S. - - - 1924
Reid, Bruce James, B.A. - - - - - - 1962
Reid, David Argyl Campbell, B.E. - - - 1949
Reid, Donald Peter, M.B., B.S. - - - - 1956
Reid, Douglas Rusk, B.Tech. - - - - - 1959
Reid, Elizabeth Ellen, B.A. - - - - - 1933
Reid, Gordon Stanley, Ph.D. (London, 1957) 1958
Reid, Gordon Stephen, B.A. - - - - - 1954
Reid, John Douglas, M.B., B.S. - - - - 1954
Reid, John Graham, M.B., B.S. - - - - 1954
Reid, Max Bertram, M.B., B.S. - - - - 1937
Reid, Neville Collison, B.Ec. - - - - 1956
Reid, Robert Leighton, M.A. (B.A., 1953) - 1954
Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947) - - - - - - - - - - 1956
Reid, William Lister, M.B., B.S. - - - 1931
Reilly, Patrick John, M.B., B.S. - - - - 1928
Reilly, Peter Lawrence, B.Med.Sc. - - - 1963
Reilly, Philip Herbert, B.D.S. - - - - 1940
Reilly, Robert Neil, M.B., B.S. - - - - 1933
Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919) 1935
*Reimann, Valesca Leonore Olive, M.A. (B.A., 1910) - - - - - - - - - - - - 1914
Reiners, John Alexander, B.D.S. - - - 1950
Reinfelds, Juris, Ph.D. (B.Sc., 1958) - - 1963
Reinfelds, Gundega, B.Sc. - - - - - - 1961
Reinpuu, Willi, B.Tech. - - - - - - - 1962
Reintals, Voldemar, B.E. - - - - - - 1960
Reisonas, Irvis John, B.E. - - - - - - 1957
Reiss, James Allan, B.Sc. - - - - - - 1964
Reissmann, Charles Henry, M.D. (Cambridge, 1902) - - - - - - - - - - - - 1902
Remeljej, 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
Reni, 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
Resek, Marietta, B.A. - - - - - - - - 1964
Retallack, Alan John, B.E. - - - - - - 1955
Retallack, Bruce James, B.A. - - - - - 1935
B.Sc. - - - - - - - - - - - - - - 1939
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, Geoffrey Dennison, B.Sc. - - 1964
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
B.Sc. - - - - - - - - - - - - - - 1931
Richards, Clarence, B.Sc. - - - - - - - 1915
M.B., B.S. - - - - - - - - - - - - - 1919
Richards, David John, B.Tech. - - - - - 1961
Richards, Dulley 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
Rinfret, 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
Rivett, Leo James, B.Tech. - - - - - - - 1964
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. - - - - - 1956
Robbins, Thomas Fellows, B.E. - - - - - 1940
Robert, Douglas Bower, B.Sc. - - - - - - 1942
Roberts, Alan Carlyle, M.B., B.S. - - - - 1964
Roberts, Arthur Bruce, LL.B. - - - - - - 1922
Roberts, David Pearson, B.Sc. (Eng.) - - - 1947
Roberts, Ernest Albert Kevin, B.A. - - - - 1962
Roberts, Franklyn Clarke, B.Tech. - - - - 1964
Roberts, Ian Noel, B.E. - - - - - - - - 1964
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, Robert Edward, B.Tech. - - - - - 1964
Roberts, Robin Lea, B.A. - - - - - - - - 1939
B.Ec. - - - - - - - - - - - - - - 1956
Roberts, Ronald Sydney George, B.Tech. - - 1961
Roberts, Roy, B.A. - - - - - - - - - - 1956

* Deceased.

Roberts, Sheila Margaret, B.A. - - - - 1959
Roberts, Terence James, B.E. - - - - - 1964
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. M.B., B.S. - - - - - - - - - - 1948 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
Robin, Philip Wendover, B.E. - - - - - 1959
Robinson, Arthur James, B.E. (Melbourne, 1929) - - - - - - - - - - - - 1937
Robinson, Donald Neile, M.B., B.S. - - - 1948
Robinson, Edgar, LL.B. - - - - - - - 1912
Robinson, Edwin George, M.Sc. (B.Sc., 1941) 1947
Robinson, James Bennett, B.Ag.Sc. - - - 1963
Robinson, John Walton, B.E. - - - - - - 1957
Robinson, Laurence Charles, M.Sc. - - - 1959
Robinson, Marie Patricia, B.A. - - - - 1941
Robinson, Mary Kelly, M.Sc. (B.Sc., 1947) 1951
Robinson, Michael Alexander, M.B., B.S. - 1954
Robinson, Michael Laurence, B.E. - - - 1959
Robinson, Philip Arthur, B.E. - - - - - 1962
Robinson, Reginald Ray, B.Tech. - - - 1960
Robinson, Warwick Bruce, B.Sc. - - - - 1962
Robjohns, Henry Colin, M.B., B.S. - - - 1932
Robless, Cosmas Linus, B.Ec. - - - - - 1956
Robson, Hugh Norwood, M.B., B.S. (M.B., Ch.B., Edinburgh, 1941) - - - - - - 1962
Robson, Kenneth James, M.B., B.S. - - - 1961
Rochlin, Aaron, LL.B. - - - - - - - - 1921
Rochlin, Elijah, LL.B. - - - - - - - - 1928
Rochow, Keith Arnold, B.Sc. - - - - - - 1958
Rodbourn, Arthur, B.Ec. - - - - - - - 1951
Rodda, Harold James, M.Sc. (B.Sc., 1941) - 1945
Roder, John Herbert, M.A. (B.A., 1950), LL.B. - - - - - - - - - - - - - 1951
Rodger, Geoffrey James, B.Sc. - - - - - 1915
Rodger, Henry John, B.Sc. - - - - - - 1963
Rodger, John Geoffrey, B.E. - - - - - - 1953
Rodgers, Frances Ada, B.A. - - - - - - 1928
Rodgers, William Orril, M.B., B.S. - - - 1959
Roe, Ernest, M.A. (Oxford, 1946) - - - 1960
Ph.D. - - - - - - - - - - - - - - 1964
Roe, Geoffrey Palmer, B.Ag.Sc. - - - - 1951
Roe, Jillian Isobel, B.A. - - - - - - - 1963
Roehrs, Herma Erika, B.A. - - - - - - 1945
Roesler, Leon William, B.Sc. - - - - - 1961
Rofe, Bryan, B.Sc. - - - - - - - - - 1939
Rofe, Rodney Broughton, B.Ec. - - - - - 1956
Rogasch, Peter Edwin, M.Sc. (B.Sc., 1954) 1957
Rogers, Anthony Howard, M.Sc. (B.Sc., 1957) - - - - - - - - - - - - - 1961
Rogers, Charles Malcolm, B.E. - - - - - 1939
Rogers, Geoffrey Francis, M.B., B.S. - - - 1962
Rogers, George Ernest, Ph.D. (Cambridge, 1957) - - - - - - - - - - - - 1963
Rogers, Ian Frederick, B.D.S. - - - - - 1951
Rogers, Ian Stansfield, B.Ag.Sc. - - - - 1958
Rogers, Irene Blanche, M.A. (B.A., 1926) - 1932
Rogers, James Keith, B.Sc. - - - - - - - 1962
Rogers, Jeffrey Noble, B.Ec. - - - - - - 1960
Rogers, John Andrew, M.B., B.S. - - - - 1952
Rogers, John McDonald, M.B., B.S. - - - 1963
Rogers, Kerry Llewellyn, B.E. - - - - - 1962
Rogers, Kevin Clive, LL.B. - - - - - - 1962
Rogers, Lesley Joy, B.Sc. - - - - - - - 1964
Rogers, Lesley Patricia, B.A. - - - - - - 1961
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923) - - - - - - - - - - - - - 1925
Rogers, Peter Lindsay, B.E. - - - - - - 1963
Rogers, Ruth Nellie, B.A. - - - - - - - 1955
Rogers, Theodore Stansfield, B.E. - - - - 1928
Rogers, Warren McIntosh, LL.B. - - - - - 1958
B.Ec. - - - - - - - - - - - - - 1959
Rogers, William Percy, Ph.D. (London) - 1952
Rohan, Paul, M.E. - - - - - - - - - - 1963
Rohrlach, Kenneth Deane, B.Sc. - - - - - 1964
Rohrlach, Neville Crawford, B.Tech. - - - 1962
Rolland, James Alexander, M.B., B.S. - - 1917
Rolland, James Alexander Bryan, M.B., B.S. 1943
Rolland, William Maitland, B.A. - - - - 1936
Rollison, John William, M.B., B.S. - - - 1925
Rollond, Andrew Kenneth, M.B., B.S. - - 1964
Roman, Desmond, B.Med.Sc. - - - - - - 1962
Ronai, Tibor, M.B., B.S. - - - - - - - 1948
Ronald, Ian Douglas, B.D.S. - - - - - - 1950
Rook, Kevin Maxwell, B.Sc. - - - - - - 1947
Rooney, Clifford, B.Sc. - - - - - - - 1929
Rooney, Gwenyth Minnie, B.A. - - - - - 1934
Rooney, Lois Josephine, B.A. - - - - - 1945
Rooney, Marjorie Winnifred, B.A. - - - - 1949
Rooney, Meredith Jean, B.A. - - - - - - 1961
Roose, Willem Adriaan, B.A. - - - - - - 1964
Roper, Robert George, Ph.D. (B.Sc., 1957) - 1963
Rose, Cathrine Margaret, B.A. - - - - - 1957
Rose, Gordon Albert, B.E. - - - - - - 1951
Rose, Jillian Isobel, B.A. - - - - - - - 1963
Rosenberg, Leopold Henry, B.A. - - - - - 1963
Rosenberg, Mendel Wolf, M.B., B.S. - - - 1942
Rosenfeldt, Franklin Lawrence, M.B., B.S. 1964
Rosenhain, Geoffrey, M.A. (B.A., 1941) - 1950
Rosenstein, Nicholas Felix, M.B., B.S. - - 1956
Rosenthal, Robert Milton, B.A. - - - - - 1964
Rosman, Frank Edgar, B.Sc. - - - - - - 1908
Ross, Alexander David, D.Sc. (Glasgow) - 1926
Ross, Dudley Bruce, LL.B. - - - - - - 1914
Ross, Margaret Anne, B.A. - - - - - - - 1964
Ross, Maxwell Alexander, B.Ag.Sc. - - - 1959
Ross, Nadeen Adoree, B.A. - - - - - - - 1951
Ross, Robert Henry, M.B., B.S. - - - - - 1962
Ross, Ruth Elizabeth, B.A. - - - - - - - 1963
Ross, Sydney George Frederick, B.E. - - 1949
Ross, William Alexander, LL.B. - - - - - 1947
Rossiter, James Leonard, M.A. (B.A., 1910) 1912
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - 1947
Routley, Peter Herbert, B.A. - - - - - - 1959
Roveda, Sidney Ivor Luigi, B.D.S. (B.D.Sc., Queensland, 1953) - - - - - - - - 1963
Rowe, Albert Percival, B.Sc. (London, 1922) 1948
Rowe, Allan Gordon, M.B., B.S. - - - - 1942
Rowe, Colin Davies, LL.B. - - - - - - 1934
Rowe, Colin Trevor, B.Ec. - - - - - - 1960
Rowe, Dean Donald, B.Tech. - - - - - - 1964
Rowe, Eric Nielsen, B.E. - - - - - - - 1960
Rowe, Ernest John, B.Ec. - - - - - - - 1962
Rowe, Ernest Thomas, B.Sc. - - - - - - 1920
Rowe, Fletcher David, M.B., B.S. - - - - 1945
Rowe, George Eddy, B.Ec. - - - - - - - 1956
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered) - - - - - - - - 1949
Rowe, Ronald, M.B., B.S. - - - - - - - 1954
Rowe, Stanley Edgar, B.Sc. - - - - - - 1950
Rowe, Trevor John, B.A. - - - - - - - 1962
Rowe, William Vivian, M.B., B.S. - - - - 1948
Rowell, Keith Addison, B.E. - - - - - - 1933
Rowland, John Howard, LL.B. - - - - - - 1937
Rowlands, Edward John, B.Sc. - - - - - - 1948
Rowley, Rex Cameron, B.Sc. - - - - - - 1951
Rowney, Barry Glencoe, B.Arch. - - - - - 1964
Roy, Alexander Bilton, D.Sc. (Edinburgh, 1957) - - - - - - - - - - - - 1960

* Deceased.

Roy, Bimal Chandra, B.D.S. - - - - - 1956
Royal, Donald Norman, B.E. - - - - - 1962
Royal, Ian Morris, B.A. - - - - - - - 1963
Rozenbilds, Jeff Girts, M.B., B.S. - - - 1960
Rozenbilds, Maris Atis Michael, M.B., B.S. 1961
Ruangsuvan, Charu-Udon, B.E. - - - - - 1964
Rudd, Daryl Arthur, B.Sc. - - - - - - 1961
Rudd, Douglas John, B.E. - - - - - - 1961
Rudd, Eric Aroha, B.Sc. - - - - - - - 1930
Rudd, Christopher Lloyd, B.Ag.Sc. - - - 1964
Rudd, Kenneth Clive, B.A. - - - - - - 1947
Rudé, George Frederick Elliot, Ph.D. (London, 1950) - - - - - - - - - - - - 1961
Rudrum, Alan William, B.A. (London, 1954) 1959
Ruediger, Malcolm Milton, B.A. - - - - - 1954
Rugless, David John, B.D.S. - - - - - - 1963
Rugless, Helen Louise, B.A. - - - - - - 1964
Rumball, Bruce Lansley, B. Tech. - - - - 1958
Rumbelow, Denis, B.Sc. - - - - - - - 1963
Rumpff, Sally Anne, B.A. - - - - - - - 1962
Rush, Gillian Mary, M.B., B.S. - - - - - 1960
Russell, Albert William, M.B., B.S. - - - 1949
Russell, Alexander Richard, B.Tech. - - - 1961
Russell, Alfred Burgess, M.B., B.S. - - - 1919
Russell, Eric Alfred, B.Ec. (B.Com., Melbourne, 1943) - - - - - - - - - - 1954
Russell, Ernest Albert Harold, M.B., B.S. - 1911
Russell, Ernest Alfred David, M.B., B.S. - 1949
Russell, Frank Henderson, B.E. - - - - - 1950
Russell, Janet Barbara, M.B., B.S. - - - 1947
Russell, John Samuel, B.Ag.Sc. - - - - - 1948
Russell, John Victor, B.Arch. - - - - - - 1961
Russell, Robert Alfred, M.B., B.S. - - - 1943
Russell, Ronald Edyvane, M.B., B.S. - - - 1946
Russell, Ronald Thomas, B.Sc. - - - - - 1957
Russell, Vance Seymour, B.Sc. - - - - - 1964
Russell, Walter Alfred, M.B., B.S. - - - 1935
Russell, Walter John, M.B., B.S. - - - - 1962
Ruthven, Max Graham, B.Sc. - - - - - - 1961
Rutter, John Lyall, M.B., B.S. - - - - - 1958
Rutter, Wendy Lorraine, B.A. - - - - - 1964
Ruys, Jan, B.Sc. - - - - - - - - - - 1964
Ryan, Brendan Patrick, B.Sc. - - - - - - 1963
Ryan, Edward Clifford Lee, M.B., B.S. - - 1935
Ryan, Gerald Anthony, M.B., B.S. - - - - 1959
Ryan (nee Pank), Gladwys Ruth, B.A. - - - 1933
Ryan, John William, B.Ag.Sc. - - - - - 1950
Ryan, Maurice John, B.Ec. - - - - - - 1958
Ryan, Michael Rupert, B.A. - - - - - - 1939
*Ryan, Naomi Rosslyn, M.B., B.S. - - - - 1940
Ryan, Sydney Lawrence, B.A. - - - - - 1956
Ryan, Victor Lloyd Percival, LL.B. - - - 1938
Rymill, Frances Carstairs, B.A. - - - - - 1936

S

Sabaratnam, Jegathesan, M.B., B.S. - - - 1957
Sabel, John Adolph, B.A. - - - - - - - 1959
Sabolich, Thomas Matthew, B.E. - - - - 1952
Sacharias-Saarelinn, Nina, M.B., B.S. - - 1957
Saddler, Bruce Allder, B.E. - - - - - - 1931
Sadedin, David Roy, B.Tech. - - - - - - 1963
Sag, Andrew Gabriel, B.E. - - - - - - - 1959
Sag, Thomas William, M.Sc. (B.Sc., 1961) 1964
Sage, Harold Robert, B.A. - - - - - - 1953
Sage, Robert Edward, M.B., B.S. - - - - 1963
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948) - - - - - - - - - - - - 1951
Sainsbury, Robert William James, B.E. - 1951
Saksena, Hari Krishna, Ph.D. - - - - - 1953
Salkeld, David Anthony, B.E. - - - - - 1964
Salleh, Hussein bin Mohamed, M.B., B.S. - 1964
Sallis, Brian Leonard, B.Ec. - - - - - - 1962
Sallis, John Dalwood, Ph.D. (B.Sc., 1958) 1964
Sallis, Margaret Elsie, B.A. - - - - - - 1961
Salter, Douglas Munro, M.B., B.S. - - - 1926
Salter, William Fulton, M.B., B.S. - - - 1936
Salveson, Donald Gordon, B.Tech. - - - - 1960
Samaha, Tonie Samuel, M.B., B.S. - - - - 1954
Samcewicz, Zdzislaw Ryszard, B.E. - - - 1955
Samelowitz, Neil, M.B., B.S. - - - - - 1950
Sampson, Dulcie Joyce, Mus.Bac. - - - - 1938
Sampson, John Coffey, B.D.S. - - - - - 1951
Samuel, Geoffrey, M.Sc. (B.Sc., 1921) - - 1926
Samuel, Helen Josephine, B.A. - - - - - 1939
Sandeman, Ronald John, B.Sc. - - - - - 1951
Sandercock, Alfred Mervyn, B.A. - - - - 1936
Sandercock, Charles, B.Sc. - - - - - - 1963
Sandercock, Edward Robert, B.Sc. - - - - 1960
Sandercock, Rex Glynde, B.Sc. (Eng.) - - 1943
Sanders, Angelika Marie, M.B., B.S. - - - 1963
Sanders, Grace Annie, B.A. - - - - - - 1920
Sanders, Harold William, B.A. - - - - - 1912
Sanders, Irma Mary, B.A. - - - - - - - 1943
Sanders, John Veysey, B.Sc. - - - - - - 1944
Sanders, Mostyn Clifford, B.Sc. - - - - - 1944
Sanders, Robert William, B.E. - - - - - 1948
Sanderson, John Gavin, M.Sc. (B.Sc., 1950) 1958
Sanderson, Kenneth Villiers, M.B., B.S. - 1943
Sanderson, Peter James, B.Sc. - - - - - 1961
Sanderson, Peter Robin, B.E. - - - - - 1952
Sandery, Charles Arthur, LL.B. - - - - - 1921
Sandery, Peter Leonard, B.Sc. - - - - - 1963
Sandford, Alastair Wallace, M.A. (Oxford, 1937) - - - - - - - - - - - - 1948
Sandford, Robert Max, B.Sc. - - - - - - 1943
Sandison, Alexander, M.B. (Edinburgh, 1906) 1906
Sandison, Alexander Geoffrey, M.B., B.S. - 1956
Sandhu, Ajeet Kaur, M.B., B.S. - - - - - 1961
Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - 1945
Sando, Brian Gordon, M.B., B.S. - - - - - 1961
Sando, Clarice Melva, B.A. - - - - - - 1955
Sando, Colin Joseph, B.Tech. - - - - - - 1961
Sando, Eric John, M.B., B.S. - - - - - - 1962
Sando, Maurice James Wilson, M.B., B.S. - 1953
Sandover, William Ewan, M.B., B.S. - - - 1951
Sandow, Jacynth Elizabeth, LL.B. - - - - 1964
Sandow, Richard Henry, B.D.S. - - - - - 1951
Sands, Desmond Montague Willington, B.D.S. 1934
Sangster, Alexander Keith, LL.B. - - - - 1934
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - - - - - - - - - 1941
Sangster, David Flower, B.Sc. - - - - - 1945
Sangster, John William, M.B., B.S. - - - 1939
Sansom, Joyce Mary, Mus.Bac. - - - - - 1947
Santhirasegaram, Kandaswamy, Ph.D - - - 1964
Sarah, Neil, B.Ec. - - - - - - - - - 1961
Sargent, Rex James, M.B., B.S. - - - - - 1929
Sargeson, Alan McLeod, B.Sc. (Sydney, 1952) 1957
Sarre, Malcolm Glen, M.B., B.S. - - - - 1945
Sarre, Vera Georgina, B.A. - - - - - - 1917
Sarre, Winifred Grace, B.A. - - - - - - 1953
Sasse, Hans Christopher, M.A. (B.A., 1957) 1960
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953) - - - - - - - - - - 1957
Sastradipradja, Sastyatmodjo, B.E. - - - - 1962
Satchell, Geoffrey Harold, Ph.D. (Leeds, 1945) - - - - - - - - - - - - 1963
Sauer, Henri Hugo Albert, M.B., B.S. - - 1952
Saulite, Elfrida, B.D.S. - - - - - - - 1952
Saunders, Bryan Gordon Reginald, M.A. - - 1961
Saunders, Elizabeth Stuart, M.B., B.S. - 1960
Saunders, Graham Edward, B.A. - - - - - 1959
Saunders, John Milton, M.B., B.S. - - - - 1952
Saunders, Pepita Cerda, LL.B. - - - - - 1925
Savage, Arthur Charles, M.B., B.S. - - - 1928
Savage, Charles Arthur, B.A. - - - - - - 1954
Savage, Joseph Patrick, M.S. (M.B., B.S., 1954) - - - - - - - - - - - - 1962
Sawers, Donald Alexander, B.Sc. (Eng.) - 1942
Sawers, Ronald John, M.B., B.S. - - - - 1942
Sawicki, Thaddeus John, M.B., B.S. - - - 1958
Sawley, Darrell Frederick, B.Sc. - - - - 1929
Sawley, Jennifer Ann, B.A. - - - - - - - 1959
Sawley, Roger John, B.E. - - - - - - - 1964
Scales, Peter James, B.E. - - - - - - - 1961
Scales, William Arthur, LL.B. - - - - - - 1930
Scarborough, Eric Charlton, B.E. - - - - 1951
Scarborough, Lincoln John, B.Tech. - - - 1959
Scarce, John Desmond, B.E. - - - - - - 1957
Scarfe, Elwyn Bewell, LL.B. - - - - - - 1940
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - 1948
Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926) - - - - - - - - - - - - 1934
Scarman, Ian Edwin, B.Ec. - - - - - - 1960
Schache, Alma Olga Antonia, B.A. - - - - 1909
Schaefer, Ronald, M.B., B.S. - - - - - 1956
Schafer, Carl Hannaford, M.B., B.S. - - - 1919
Schafer, Helene Judith, B.Sc. - - - - - 1957
Schafer, Marcia Marie, M.B., B.S. - - - - 1963
Schafer, Mark David, M.B., B.S. - - - - 1963
Schafer, Max Ernest Hannaford, B.D.S. - - 1923
Schahinger, Janine Edith, B.A. - - - - - 1964
Schenk, John Robert, B.Arch. - - - - - 1964
Schild, Maurice Edmund, B.A. - - - - - 1958

* Deceased.

Schirmer, Gerhart Percy, B.Ec. - - - - - 1951
Schlick, Werner Josef, B.A. - - - - - 1964
Schmid, Laurence John, M.E. (B.E., 1959) - 1963
Schmidt, Lewis Walter, B.Sc. - - - - - 1940
Schmidt, Raymond Kevin, B.A. - - - - - 1962
Schneider, Elizabeth Rose, B.Ag.Sc. - - 1964
Schneider, Michael, M.B., B.S. - - - - 1925
Schneider, Michael Philip, B.A. - - - - 1955
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932) - - - - - - - - - - 1946
Schneider, Walter Herman, M.E. (B.E., 1920) 1945
Schneider, Wilfred, B.E. - - - - - - - 1922
Schneider, Wilfred Carl, M.A. (B.A., 1929) 1932
Schodde, Peter, B.Sc. - - - - - - - - 1960
Schodde, Richard, B.Sc. - - - - - - - 1959
Schoff, Richard Frederick, B.App.Sc. (B.Tech., 1962, surrendered) - - - - - 1964
°Scholar, Ernest, B.A. - - - - - - - - 1941
Scholefield, Andrew James, B.A. - - - - 1964
Scholefield, Judith Ellen, B.A. - - - - 1962
Scholz, William Herbert, M.B., B.S. - - 1954
Schomburgk, Ian Charles, B.Tech. - - - 1962
Schomburgk, Pauline Elizabeth, B.A. - - - 1961
Schroder, Ernest William, B.E. - - - - 1955
Schroder, Harold, B.E. - - - - - - - - 1961
Schroder, Judith, B.Sc. - - - - - - - 1950
Schroeder, James Alfred, B.Sc. - - - - 1961
Schubert, Cedric Felix, M.Sc. (B.Sc., 1957) 1960
Schubert, David Arthur, B.A. - - - - - 1964
Schubert, Frank Helmut, B.A. - - - - - 1934
Schubert, Heather Jean, B.A. - - - - - 1962
Schubert, Jane Helen, B.A. - - - - - - 1962
Schudmak, Henry, M.B., B.S. - - - - - 1949
Schuetz, Harold Edwin, B.A. - - - - - 1953
Schuller, Wendy Margaret, B.Sc. - - - - 1960
Schultz, Gordon Ray, B.A. - - - - - - 1950
Schultz, Jeffrey Elmore, B.Ag.Sc., - - - 1963
Schultz, Leslie John, B.Tech. - - - - - 1962
Schultz, Roland Felix, B.A. - - - - - - 1964
Schultz, Roydon Donald, B.Sc. - - - - - 1954
Schulz, Ernst Adolph, B.E. - - - - - - 1931
Schulz, Gerhard Ernst Otto, Ph.D. (Dr. Phil., Leipzig, 1958) - - - - - - - - 1964
Schulz, Margaret Ruth, B.Sc. - - - - - - 1958
Schulz, Peter Kasimir, M.Sc. (B.Sc., 1959) 1963
Schulz, Robert George, M.B., B.S. - - - 1947
Schumacher, Colin Stephen, B.E. - - - - 1954
Schumacher, Mavis Noreen, B.A. - - - - - 1963
Schunke, Richard Hugh, B.Sc. - - - - - - 1959
Schuppan, Dene Thomas, B.Tech. - - - - 1959
Schutz, Raymond Alfred, B.E. - - - - - 1949
Schwab, Gordon Ernest, B.Sc. - - - - - 1950
Schwartz, Barry Walter, B.E. - - - - - - 1959
Schwartz, Colin John, M.D. (M.B., B.S., 1955) 1959
Schwarz, Eugene Robertson, B.Sc. - - - - 1939
Schwarz, Philip John David, M.B., B.S. - 1957
Scobie, John Hedger, M.B., B.S. - - - - 1949
Scoble, Sidney John, B.A. - - - - - - - 1936
Scollin, James, B.D.S. - - - - - - - - 1932
Scott, Alfred Eric, M.Sc. (B.Sc., 1927) - 1928
Scott, Douglas Cussen, B.Sc. - - - - - 1955
Scott, Geoffrey Frank, B.Tech. - - - - - 1964
Scott, Jeffrey Frank, LL.B. - - - - - - 1949
B.Ec. - - - - - - - - - - - - - - 1955
Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934) 1953
Scott, Nigel Steele, B.Ag.Sc. - - - - - - 1961
Scott, Patricia Anne, B.A. - - - - - - 1964
Scott, Paul Raymond, Ph.D. - - - - - - 1964
Scott, Philip Earle, B.E. - - - - - - - 1954
Scott, Roland Alexander David Byron-, B.Sc. 1960
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered) - - - - - - - - - - 1913
Scott, Trevor Dennison, M.Sc. (B.Sc., 1951) 1955
Scragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946) - - - - - - - - - - 1955
Scragg, Walter Robert Lambert, B.A. - - 1950
Scriven, Murray Walter, B.A. - - - - - 1947
Scriven, Wilton Maxwell, B.Sc. - - - - - 1953
Scroop, Garry Campbell, M.B., B.S. - - - 1962
Scrymgour, Peter Robert, B.E. - - - - - 1956
M.Arch. - - - - - - - - - - - - - 1964
Seaman, Gilbert Frederick, B.Ec. - - - - 1935
Seaman, Keith Douglas, B.A. - - - - - 1951
LL.B. - - - - - - - - - - - - - - 1955
Seaman, Robert Scott, B.Sc. - - - - - - 1958
Seamark, Robert Frederick, B.Ag.Sc. - - - 1959
Searcy, Robert Philip, B.Ec. - - - - - - 1962
Searle, Clifford Alfred James, B.A. - - - - 1937
Searle, Frederick John, B.A. - - - - - - 1902
Searle, Hartley Malcolm, B.A. - - - - - 1932
B.Sc. - - - - - - - - - - - - - 1935
Sears, Harold William, B.Sc. - - - - - - 1943
Searson, William George, B.E. - - - - - 1953
Seaton, Arthur John, B.E. - - - - - - - 1960
Secombe, Margaret Joyce, B.A. - - - - - 1962
Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954) - - - - - - - - - - - - 1959
Sedgwick, Antony William, B.A. (Birmingham, 1955) - - - - - - - - - - 1959
Seeary, Keith John, B.Tech. - - - - - - 1958
Seedsman, Donald John, B.Sc. - - - - - 1948
Seedsman, Kenneth Reginald, B.Sc. - - - 1951
Seekamp, Jack Victor, B.Ag.Sc. - - - - - 1942
Seevaratnam, Joy Anandan, M.B., B.S. - - 1960
Seglenieks, Zigurds, M.B., B.S. - - - - - 1955
Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944) - 1945
Segnit, Ralph Walter, B.Sc. (Oxford, 1922) - 1922
Seidler, Jan Hynek, M.Sc. (B.Sc., 1950) - - 1954
Seith, Wolfram Immanuel, M.B., B.S. - - - 1949
Selge, Heather Bernice, B.A. - - - - - - 1959
Sellers, Ada, B.A. - - - - - - - - - - 1928
Selth, Donald Victor, B.A. - - - - - - - 1949
Selth, Geoffrey Poole, B.A. - - - - - - - 1951
Semler, Clifford Gerhardt, M.B., B.S. - - 1940
Semler, Janet Claire, B.Ec. - - - - - - - 1961
Semmens, Francis John, B.Sc. - - - - - - 1928
Semmler, Clement William, M.A. (B.A., 1936) - - - - - - - - - - - - - 1938
Semple, Kenneth Hugh, B.A. - - - - - - 1950
Seneta, Eugene, B.Sc. - - - - - - - - - 1963
Senior, Judith Rae, B.Sc. - - - - - - - 1955
Senior, Lionel Rupert, B.Sc. - - - - - - 1929
B.A. - - - - - - - - - - - - - - 1947
Senior, Rex Clifton, M.B., B.S. - - - - - 1952
Seppelt, Brian Maxwell, B.Sc. - - - - - 1960
Seppelt, Ian Howe, B.Sc. - - - - - - - 1932
Seppelt, Yvonne Granville, M.B., B.S. - - 1946
Sergeant, Maxwell Stuart, LL.B. - - - - 1934
Seumahu, Eliza Stefanus, B.Tech - - - - 1961
Sexton, Edgar Raymond, B.A. - - - - - - 1931
Sexton, Dean Jefferies, B.Tech. - - - - - 1960
Sexton, Robert Raymond, B.Tech. - - - - 1961
Sexton, Robert Thomas, B.Tech. - - - - - 1963
Seymour, Anthony Elliot, M.B., B.S. - - - 1963
Shakes, Brian Douglas, B.E. - - - - - - 1959
Shakes, David James, M.B., B.S. - - - - - 1955
Shanahan, Margaret Carmel, B.A. - - - - 1956
Shanahan, Michael Francis, M.B., B.S. - - 1956
Shanahan, Patrick William, M.B., B.S. - - 1928
Shannon, James Stanley, B.Sc. - - - - - 1949
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) 1949
Shannon, Richard John, B.E. - - - - - - 1949
Shapley, William George, B.E. - - - - - 1952
Sharley, Aubrey Neville, B.E. - - - - - 1954
Sharley, Elma May, B.A. - - - - - - - 1937
Sharma, Romesh, M.B., B.S. - - - - - - 1954
Sharman, Arthur Edward, B.E. - - - - - 1926
Sharman, Ethel Olive, B.A. - - - - - - - 1915
Sharman, George, B.Ec. (B.Sc. (Econ.), London, 1950) - - - - - - - - - - 1963
Sharp, Bruce Burnell, M.E. (B.E., 1949) - 1955
Sharp, Warren Player, B.Ec. - - - - - - 1954
Sharpe, Edmund John, B.E. - - - - - - - 1932
Shaughnessy, Peter Douglas, B.Sc. - - - 1963
Shaw, Alice Mary Stockdale, B.A. - - - - 1929
Shaw, Allan, B.E. (B.M.E. (New York), 1953) - - - - - - - - - - - 1962
Shaw, James Barry, B.Sc. - - - - - - - 1904
Shaw, Joan Hambly, B.A. - - - - - - - 1947
Shaw, John Robert Stockdale, M.A. (B.A., 1930) - - - - - - - - - - - - 1933
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950) 1955
Shaw, Peter John Randall, B.Sc. - - - - 1949
Shea, Brian Joseph, M.B., B.S. - - - - - 1951
Sheard, Joan Philippa, B.A. - - - - - - 1955
Shearer, Clifford George Tregea, B.A. - - 1931
B.Ec. - - - - - - - - - - - - - 1937
Shearer, Harvey Albert, B.A. - - - - - 1936
Shearer, Ivan Anthony, LL.B. - - - - - 1960
Shearer, Peter Herbert, B.Tech. - - - - 1961
Shearer, Robert Clifford, M.Ag.Sc. (B.Ag.Sc., 1959) - - - - - - - - - - - 1964
Shedley, Alfred Charles, B.Sc. - - - - - 1919
Sheedy, Redmond Stuart Parnell, M.B., B.S. 1952

° Deceased.

Shekleton, Peter Reginald, B.A. - - - - 1957
Sheldon, John Charles, Ph.D. (Nottingham, 1956) - - - - - - - - - - 1963
Shephard, Stanley Maxwell, B.Sc. - - - 1948
Shepherd, Alan David, B.E. - - - - - 1962
Shepherd, David Wickham, M.B., B.S. - - 1938
Shepherd, Elizabeth Miriam, B.A. - - - 1947
Shepherd, Geoffrey Lincoln, LL.B. - - - 1930
Shepherd, John Alfred, B.A. - - - - - 1929
Shepherd, John Henry, B.A. - - - - - 1935
M.Sc. (B.Sc., 1942) - - - - - - - 1947
Shepherd, Kenneth John, B.E. - - - - 1961
Shepherd, Kenneth William, Ph.D. (B.Ag.Sc., 1956) - - - - - - - - - - 1964
Shepherd, Peter Byron, M.B., B.S. - - - 1957
Shepherd, Reginald George, B.Sc. - - - 1953
Shepherd, Scoresby Arthur, LL.B. - - - 1958
B.A. - - - - - - - - - - - - - 1959
Shepherd, Stuart MacGregor, M.B., B.S. - 1964
Shepley, Arthur Raymond, B.Sc. - - - 1923
B.E. - - - - - - - - - - - - 1924
Shepley, Estelle Ann, M.Sc. (B.Sc., 1953) - 1956
Shepley, Kathryn Florence, B.Sc. - - - 1960
Shepley, Leslie Herbert Hamilton, LL.B. - 1909
Sheppard, Graham Barry, B.Tech. - - - 1962
Sheppard, Mark Yeatman, M.B., B.S. - - 1942
Sheppard, Robert Alexander William, B.Sc. 1942
Sherwin, Carolyn Alice, B.Sc. - - - - 1961
Sherwin, Rolf Morton, B.Ec. - - - - - 1960
Shield, Judith Adelaide, B.A. - - - - 1948
Shierlaw, Howard Alison, LL.B. - - - 1902
Shierlaw, Norman Craig, B.E. - - - - 1949
Shimmin, Edward William, B.E. - - - - 1963
B.Sc. - - - - - - - - - - - 1964
Shinkfield, Anthony James, B.A. - - - 1955
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930) - - - - - - - - - - 1953
Shinkfield, Marian Ruth, B.A. - - - - 1949
Shinkfield, Roger John, B.E. - - - - - 1954
Shirpurkar, Gajanan Ramchadra, M.Sc. - 1949
Shoebridge, Ivan, LL.B. - - - - - - 1929
Short, David Charles, B.E. - - - - - 1956
Short, David Weddell, M.B., B.S. - - - 1940
Short, Kerwin Alfred Robert, B.E. - - - 1927
Short (nee Stephens), Lillian Mary Theakstone, M.A. (B.A., 1907) - - - - - 1938
Shortridge, Dennis Thorman, M.B., B.S. - 1938
Shoubridge, Rex, B.Tech. - - - - - - 1963
Shrowder, Ronald Louis, B.A. - - - - 1940
Shub, Samuel, M.B., B.S. - - - - - - 1953
Shuter, Richard Ernest, M.B. (Melbourne, 1891) - - - - - - - - - - - 1895
Shutt, Donald Allen, B.Sc. - - - - - 1959
Sibly, Murray Laurence, LL.B. - - - - 1961
Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947) - 1950
Sibthorpe, Gwenyth, M.B., B.S. - - - - 1946
Sickert, John William, B.Tech. - - - - 1963
Sidhu, Harcharan Singh, M.B., B.S. - - - 1958
Sieber, Clarence Bertram, B.E. - - - - 1926
Siebert, Brian David, B.Sc. - - - - - 1959
Siegele, John Louis, B.Sc. - - - - - 1945
Siegele, Roger Brian, B.E. - - - - - - 1962
Siegele, Trevor Martin, B.Ec. - - - - - 1958
Siglin, Max, M.B., B.S. - - - - - - 1954
Sigmont, Victor Charles, B.A. - - - - 1950
Siksna, Arnis, B.E. - - - - - - - - 1960
Siliakus, Hendricus Johannes, B.A. (Birmingham, 1954) - - - - - - - - - 1960
Silsbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958) - - 1959
Silver, Graham Bindley, B.E. - - - - - 1960
Silver, Harold, B.E. - - - - - - -- - 1956
Silver, Meredith May, M.B., B.S. - - - 1957
Silver, Malcolm David, M.B., B.S. - - - 1957
Silver, Phillip Laurence, B.E. - - - - 1957
Sim, Cheok Lim, B.E. - - - - - - - - 1961
Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - - - - - 1947
Simes, Irene Pamela, B.Sc. - - - - - - 1956
Simes, Robert Lawson, B.Tech. - - - - - 1960
Simm, John, B.E. - - - - - - - - - - 1956
Simmonds, David Hubert, M.Sc. (B.Sc., 1944) 1948
Simmonds, Douglas Thomas, B.Tech. - - 1958
Simmonds (nee Cossich), Lorraine, B.A. - 1957
Simmonds, Rachel Elizabeth, B.A. - - - 1948
Simmons, David Winston, LL.B. - - - - 1962
Simmons, Donald William, B.Ec. - - - - 1949
B.A. - - - - - - - - - - - - 1964
Simmons, Geoffrey Clive, B.Sc. - - - - 1945
Simmons, Marie Yvonne, B.A. - - - - - 1952
Simon, Robin Alfred, B.E. - - - - - - - 1962
Simons, Alfred, M.B., B.S. - - - - - - 1942
Simons, Arthur Nicholas, B.Sc. - - - - - 1951
M.B., B.S. - - - - - - - - - - 1958
Simons, David Henry, B.Ag.Sc. - - - - - 1960
Simpson, Alfred Moxon, B.Sc. - - - - - 1930
Simpson, Brian Clifton, B.Sc. - - - - - 1960
Simpson, Donald Allen, M.S. (M.B., B.S., 1949) - - - - - - - - - - - - 1964
Simpson, Frederick William, M.B., B.S. - 1934
Simpson, Helen Edith, B.Sc. - - - - - - 1962
Simpson, Hugh Denney, B.Sc. - - - - - 1920
B.A. - - - - - - - - - - - - 1921
Simpson, Penelope Margaret, B.Sc. - - - 1949
Simpson, Richard Charles Longrigg, B.Tech. 1962
Simpson, Robert Allen, B.E. - - - - - - 1934
Sims, Barry Alan, B.Sc. - - - - - - - 1964
Sims, Clive Moir, M.Sc. (B.Sc., 1954) - - 1957
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940) 1948
Sims, Milton Reginald, B.D.S. - - - - - 1950
Sims, Roxy, B.A. - - - - - - - - - 1933
Sims, William George, B.Sc. - - - - - - 1957
Sinclair, David Foulis, B.Sc. - - - - - - 1964
Sinclair, Walter Gordon Clyde, B.Sc. - - 1923
Sinclair, William Malcolm, M.B., B.S. - - 1911
Sincock, Janette Muriel, B.A. - - - - - - 1963
Sindhu, Santokh Singh, M.B., B.S. - - - 1959
Singh, Amrao, B.E. - - - - - - - - - 1958
Singh, Narindar, M.B., B.S. - - - - - - 1958
Singh, Prithvipall, M.B., B.S. - - - - - 1958
Singh, Rajendra, Ph.D. - - - - - - - 1953
Singh, Rudra Pratap, Ph.D. - - - - - - 1962
Singh, Thanwant, M.B., B.S. - - - - - - 1961
Singham, Ratnasingam Bala, M.B., B.S. - - 1961
Sinnott, Patricia Margaret, B.A. - - - - 1956
Siregar, Panusunan, B.E. - - - - - - - 1962
Siregar, Togi, B.E. - - - - - - - - - 1962
Siviour, Neil Graham, B.Tech. (surrendered 1962) - - - - - - - - - - - 1958
B.App.Sc. - - - - - - - - - - - 1962
Sizer, Marion Betty, B.Sc. - - - - - - 1954
Skabe, Dace Anna, B.Sc. - - - - - - - 1963
Skewes, Edward Foster, LL.B. - - - - - 1917
Skinner, Brian John, B.Sc. - - - - - - 1950
Skinner, Cecil Reginald Allenby, B.E. - - 1949
Skinner, Helen Catherine Wild, Ph.D. - - 1959
Skinner, Sandford Lloyd, M.D. (M.B., B.S. 1958) - - - - - - - - - - - - 1962
Skipper, John Stark, M.B., B.S. - - - - - 1944
°Skipper, Stanley Herbert, LL.B. - - - - 1901
Skopal, Karl John Matthew, B.D.S. - - - 1962
Skuce, Beryl Marion Rebecca, B.A. - - - 1934
Sladdin, John Naulty, M.B., B.S. - - - - 1953
Slade, Antony Michael, M.A. (Bristol, 1961) 1962
Slade, John Harman, M.B., B.S. - - - - - 1946
Slade, Kathleen Nellie, B.A. - - - - - - 1942
Slade, Phillip Garland, B.Sc. - - - - -- 1962
Slarks, Geoffrey Herbert, B.E. - - - - - 1954
Slater, Allan, B.E. - - - - - - - - - 1953
Slater, John Mason, B.E. - - - - - - - 1962
Slattery, Francis James, B.E. - - - - - 1952
Slattery, Mary, B.A. - - - - - - - - - 1931
Slaughter, Colin Sidney, B.E. - - - - - 1954
Slaytor, William John Hayden, B.A. - - - 1959
Slee, Dugald Haughton, B.Sc. - - - - - 1930
B.A. - - - - - - - - - - - - 1932
Slee, Graham Haughton, B.E. - - - - - - 1959
Slee, Ian Bruce, B.A. - - - - - - - - 1950
Slee, Walter Vernon, B.Sc. - - - - - - - 1959
Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915) - - - - - - - - 1927
Sleeman, William John, M.B., B.S. - - - 1947
Sleigh, Robert Carl, B.Tech. - - - - - - 1960
Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England) - - - - - - - - - - - 1956
Sloan, Ian Hugh, M.Sc. - - - - - - - 1963
Sloan, Robert David, B.A. - - - - - - - 1964
Sloman, Arthur Raymond, B.Sc. - - - - - 1937
Smailes, Peter John, M.A. (Manchester 1961) - - - - - - - - - - - - 1964
Smale, Thomas Charles, B.A. - - - - - 1950
Smallacombe, Roy Frederick, B.A. - - - - 1953
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946) - - - - - - - - - 1951
Smart, Lawrence Maxwell, B.D.S. - - - - 1950

° Deceased.

Smeaton, John Anthony, B.E. - - - - 1939
Smeaton, John Richard, B.Ag.Sc. - - - - 1963
Smerdon, David Rutherford, B.D.S. - - 1951
Smerdon, John Rutherford, B.D.S. - - - 1946
Smibert, George James, M.B., B.S. - - - 1954
Smildzins, Astrida, B.Sc. - - - - - - 1963
Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904) - - - - - - - - 1934
Smith, Adrian Milton, B.Ec. - - - - - 1949
Smith, Alfred Earle, LL.B. - - - - - 1937
Smith, Alick Hardy, B.A. - - - - - - 1948
Smith, Aloysius Daly Virgilius, M.B., B.S. - 1928
Smith, Annie Ethel, B.A. - - - - - - 1935
Smith, Barry Whitmore, B.A. - - - - 1956
Smith, Bernard Maurice, B.E. - - - - 1964
Smith, Brian Arnold, B.E. - - - - - 1940
Smith, Brian Ewan, B.E. - - - - - - 1962
Smith, Brian Hartley, B.E. - - - - - 1950
Smith, Cairns William Villeneuve, LL.B. - 1951
Smith, Cecil Teesdale, M.A. (B.A., 1944) - 1945
Smith, Cedric Alfred Neal, B.Ag.Sc. - - 1933
Smith, Daisy Maude, B.A. - - - - - 1922
Smith, David Aitchison, B.Sc. - - - - 1961
Smith, David Carswell, B.A. - - - - - 1931
Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc., 1951) - - - - - - - - - - 1961
Smith, David Gordon Law, M.B., B.S. - - 1953
Smith, David Nichol, D.Litt. (Camb.) - - 1951
Smith, David Raymond, B.Ec. - - - - 1963
Smith, Dene Martindale, B.D.S. - - - 1955
Smith, Denys Jeffery, B.Sc. - - - - - 1962
Smith, Donald Stevenson, M.B., B.S. - - 1957
Smith (nee Gardner), Edith Josephine Viner, B.A. - - - - - - - - - - 1906
Smith, Edward Mackie, B.E. - - - - - 1939
Smith, Edward Rowland, B.Sc. - - - - 1942
Smith, Ewart Austral, M.B., B.S. - - - 1951
Smith, Frank Berry, D.Sc. (B.Sc., 1903) - - 1937
Smith, Frank Stewart, M.B., B.S. - - - 1956
Smith, Gavin Viner, M.B., B.S. - - - - 1937
Smith, George Maxwell, B.A. - - - - - 1961
Smith, Gordon Wearing, M.B., B.S. - - 1925
Smith, Grahame John Cooper, B.Sc. - - 1961
Smith, Graham Robert Hay, B.Tech. - - 1960
Smith, Harold Reid, LL.B. - - - - - - 1939
Smith, Ian Darian, M.D. (M.B., B.S., 1951) 1956
Smith, Iris Eileen, B.A. - - - - - - - 1930
Smith, Ivan Ford, B.A. - - - - - - - 1953
Smith, Jack Edwin, B.Sc. - - - - - - 1934
Smith, James Clyde, B.E. - - - - - - 1938
Smith, James Wearing, B.E. - - - - - 1924
Smith, Jennefer Anne Vickridge, B.Sc. - - 1960
Smith, Jennifer Stewart, B.Sc. - - - - 1964
Smith, Joan Frances, B.A. - - - - - - 1948
Smith, John Andrew Stanley, M.B., B.S. - 1964
Smith, John Bertrand, B.Sc. - - - - - 1943
Smith, John Fife, B.A. - - - - - - - 1929
Smith, John Henderson, B.Sc. - - - - - 1962
Smith, John Henry, B.A. - - - - - - - 1959
Smith, John Jeffreys, LL.B. - - - - - 1932
Smith, John Lewis, B.Ag.Sc. - - - - - 1964
Smith, John Royle Casley-, B.Sc. - - - - 1957
M.B., B.S. - - - - - - - - - - - - 1959
Smith, John Wasley, M.B., B.S. - - - - 1953
Smith, John Wilton, M.Sc. (B.Sc., 1952) - 1961
Smith, Keith, LL.B. - - - - - - - - 1953
Smith, Keith Kenneth Masefield, B.A. - - 1942
Smith, Keith Viner, M.B., B.S. - - - - 1939
Smith, Kenneth Wilmot Vernon, B.E. - - 1937
Smith, Kevin William, B.Sc. - - - - 1964
Smith, Louis Campbell, B.Ag.Sc. - - - 1951
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered) - - - - - - - - - 1914
Smith, Lynden Rae Forbes-, M.B., B.S. - - 1953
Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955) - - - - - - - - - - 1958
Smith, Mary, M.A. (B.A., 1930) - - - 1932
Smith, Mary Theresa, B.A. - - - - - 1935
Smith, Maxwell Herbert, B.Sc. - - - - 1940
Smith, Melva Estelle, B.A. - - - - - 1942
Smith, Mervyn Keith, M.B., B.S. - - - 1944
Smith, Michael Austin, B.A. - - - - - 1961
Smith, Murray George, B.E. - - - - - 1954
Smith, Murray Vernon, B.Ag.Sc. - - - 1964
Smith, Pamela Darien, B.A. - - - - - 1954
Smith, Peter Brian, M.B., B.S. - - - - 1954
Smith, Primrose Mary Viner. B.A. - - - 1940
Smith, Ralph Newman, B.Tech. - - - 1964
Smith, Raydon Berry, B.E. - - - - - - 1917
Smith, Raymond Thomas, B.Sc. - - - - 1932
Smith, Rayner Whitmore, M.B., B.S. - - 1953
Smith, Richard John, B.Tech. - - - - 1964
Smith, Richard Milne, M.Sc. (B.Sc., 1948) - 1959
Smith, Richard Waldemar Law-, B.A. - - 1955
Smith, Robert Frederick Ingram, B.A. - - 1963
Smith, Rodney Burden, B.E. - - - - - 1959
Smith, Roger, M.E. (B.E., 1956) - - - 1959
Smith, Roger Francis Cooper, B.Sc. - - - 1962
Smith, Ronald Norman, B.E. - - - - 1933
Smith, Ross Charles, B.Tech. - - - - 1960
Smith, Sheila Ann, M.A. (London, 1956) - 1963
Smith, Sheila Isabel Wesley, B.A. - - - 1944
Smith, Sidney William, B.E. - - - - 1937
Smith, Sinclair Joseph, M.B., B.S. - - - 1955
Smith, Stuart Meldrum, B.A. - - - - - 1949
Smith, Terence Norman, B.E. (Sydney, 1953) 1960
Smith, Terence William, M.B., B.S. - - 1962
Smith, Thomas George, B.Sc. - - - - - 1962
Smith, Vera Lisnagore, B.A. - - - - - 1934
Smith, Walter Leonard, M.B., B.S. - - - 1914
Smith, William Frederick, B.Sc. - - - - 1962
Smith, William Irving Berry, B.Sc. - - - 1940
Smyth, Isabel Agnes Ekin, B.A. - - - - 1905
Smyth, Michael Ewers Bayne, B.Sc. - - 1960
Smyth, Robert John, B.Sc. - - - - - 1963
Smyth, Robert Walter, Ph.D. (B.E., 1955) - 1960
Snelling, Peter John, B.Tech. - - - - 1959
Snewin, Gwendoline Marjorie Jean, B.A. - 1925
Snewin, John Arthur, LL.B. - - - - - 1951
Snoswell, Alan Marlow, Ph.D. (B.Sc., 1956) - 1961
Snow, Richard Adrian Wilfrid, B.D.S. - - 1940
Snow, Wilfred Rippon, B.E. - - - - 1914
Snowden, Brian Newton, B.Arch. - - - - 1961
Snowden, Janette Daphne, B.A. - - - - 1958
Soar, Anthony James, B.E. - - - - - - 1961
Soar, Dudley Turner, B.Ec. - - - - - 1951
Sobey, Iris Beatrice, B.A. - - - - - - 1944
Sobey, Reginald Roberts, M.B., B.S. - - 1942
Sobolewski, John, B.E. - - - - - - - 1962
Sodhy, Sheila, B.Sc. - - - - - - - - 1964
Soebroto, Oentoeng, B.Ec. - - - - - - 1955
Soh, Bee Koon, B.E. - - - - - - - - 1962
Sollas, William Johnston, D.Sc. (Cambridge) 1914
Solly, Janet Elizabeth, M.B., B.S. - - - 1952
Solly, William Warburton, B.Sc. - - - - 1948
Solomon, George Herbert, M.B., B.S. - - 1927
Solomon, Helen Ethel, LL.B. - - - - - 1935
Solomon, Peter Louis, B.Ec. - - - - - 1964
Solomons, Barnet, M.B., B.S. - - - - - 1922
Solomons, Phillip Roland Nathan, LL.B. - 1960
Somerset, Forbes Mitchell, B.E. - - - - 1941
Somerville, Archibald Shierlaw Ralph, LL.B. 1922
Somerville, Christopher Malcolm, B.D.S. - 1952
Somerville, Dorothy Christine, B.A. - - 1918
LL.B. - - - - - - - - - - - - 1921
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered) - - - - - - - - - - 1919
Somerville, Sesca Lewin, B.A. - - - - 1916
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955) - 1959
Somogyi, Jozsef Laszlo Ferenc, M.B., B.S. - 1964
Soper, Graham Michael, B.Ec. - - - - 1957
Sorrell, Margaret Walter, B.A. - - - - 1925
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945) - - - - - - - - - -1959
Soukup, Dorothy Mavis, M.B., B.S. - - - 1951
Souter, Brian Heylen, B.D.S. - - - - 1956
Souter, Douglas Todd, M.B., B.S. - - - 1949
Souter, Harry Standley, B.Tech. - - - - 1963
Souter, Robert John de Neufville, M.B., B.S. 1923
South, Peter Moncrief, B.Sc. - - - - - 1956
*South, Ronald Robert, B.D.S. - - - - - 1951
Southcott, Alan Lindsay, B.E. - - - - 1964
Southcott, Jean Wauchope, B.A. - - - - 1921
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941) - - - - - - - - - - - 1957
D.Sc. - - - - - - - - - - - - 1962
Southcott, Rosemary Enid, B.Sc. - - - 1954
Southcott, William Thomas, B.Tech. - - - 1964
Southgate, Deane Oakford, M.B., B.S. - 1955
Southwood, Albert Ray, M.D. (M.B., B.S., 1916) - - - - - - - - - - - 1920
M.S. - - - - - - - - - - - - 1925
Southwood, Dean Milton, M.B., B.S. - - 1963

* Deceased.

Southwood, Harry Milton, B.Sc. - - - 1936
M.D. (M.B., B.S., 1932) - - - - - - 1943
Southwood, Richard Taunton, M.B., B.S. - 1956
Sowden, Kenneth Edward, B.Tech. - - - 1964
Spain, Brian James, B.E. - - - - - - 1956
Spalvins, Janis Gunars, B.Ec. - - - - - 1959
Spark, Mavis Constance, B.A. - - - - - 1947
Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952) - - - - - - - - - 1962
Sparrow, Lorna Discombe, M.A. (B.A., 1930) B.Ec. - - - - - - - - - - - - 1934 1941
Sparrow, Maxwell Elliott, B.E. - - - - 1934
Specht, Raymond Louis, Ph.D. (M.Sc., 1950) 1954
Speed, Isobel Ethel, M.B., B.S. - - - - 1957
Speirs, William McMillan, B.A. - - - - 1949
Spence, Colin Everett, B.A. - - - - - - 1958
Spence, David Norman, M.B., B.S. - - - 1957
Spence, Robin Douglas James, M.B., B.S. - 1957
Spencer, Donald, Ph.D. - - - - - - - 1953
Spencer, Leslie Brian, B.Sc. - - - - - 1951
Sperber, Joan Ilma, B.Sc. - - - - - - 1955
Spitz, Francis, B.Ec. - - - - - - - - 1956
Spitz, Joan Ilma, B.Sc. - - - - - - - 1955
Spitzer, Alex George, M.B., B.S. - - - - 1962
Spitzer, Peter, B.Ec. - - - - - - - - 1964
Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946) - - - - - - - - - - 1949
Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950) - - - - - - - - - 1960
Spratt, James Arthur Henry, B.Sc. - - - 1957
B.A. - - - - - - - - - - - - - - 1958
Sprigg, Patricia Amy, B.A. - - - - - - 1943
Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941) 1944
Sprod, Thomas Daniel, B.A. - - - - - - 1951
Spruhan, Bridget Catherine, B.A. - - - - 1933
Spry, Alan Herbert, M.Sc. (B.Sc., 1949) - 1951
Spurling, Graham George, B.Tech. - - - - 1960
Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945) - - - - - - - - - - - - 1953
Spurr, Pamela Joan, B.A. - - - - - - - 1963
Spurr, Robert Thomas, B.Sc. - - - - - - 1948
Spurway, John Horton, M.B., B.S. - - - 1951
Sreenevasan, Gopal Ayer, M.B., B.S. - - 1952
Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941) - - - - - - - - - - - - 1955
Stace, John Hamilton, M.B., B.S. - - - - 1943
Stacey, Barrie Graham, B.E. - - - - - - 1964
Stacey, Helen Jean, B.A. - - - - - - - 1964
Stacey, Thomas Allen, B.Ag.Sc. - - - - - 1959
Stacy, John Michael Sholto, B.E. - - - - 1951
Stacy, Margaret Ruth, B.Sc. - - - - - - 1955
Stacy, Robert Paul, B.Sc. - - - - - - - 1963
Staer, Peter Alfred, M.B., B.S. - - - - - 1958
Stafford, Roland Garry, B.Sc. - - - - - - 1961
Stagg, Ross Smith, B.E. - - - - - - - 1955
Stahl, Margaret Anne, B.Sc. - - - - - - 1957
Stain, Maxwell Wright, B.D.S. - - - - - 1944
Staker, Robert, Ph.D. (B.E., 1956) - - - 1961
Stalley, Douglas John, M.Ec. (B.Ec., 1947) 1955
Stalley, Joan Charmian, B.Sc. - - - - - 1955
Stam, Robert Edward, M.B., B.S. - - - - 1949
Stanbury, Dennis George, M.B., B.S. - - - 1957
Stanbury, Gretel Mary, M.Sc. - - - - - - 1962
Stanbury, Peter John Terence Cathcart, Ph.D. (B.Sc., 1957) - - - - - - - - - - 1963
Stanley, Allen David, B.E. - - - - - - 1949
Stanley, Brian Charles, LL.B. - - - - - - 1953
Stanley, Laurence John, LL.B. - - - - - - 1925
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942) 1954
Stanley, Raymond John, B.Sc. - - - - - - 1961
Stanton, Robert Anthony, B.D.S. - - - - 1950
Stapledon, David Hiley, M.Sc. (B.Sc., 1951) 1962
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - 1949
Staples, Roy William Frederick, B.E. - - 1957
Stark, Alan Edmund, B.A. - - - - - - - 1954
Staska, Jan Frantisek, M.B., B.S. - - - - 1964
Staska, Zdenek, M.B., B.S. - - - - - - 1961
Statters, Robert Joseph, B.Tech. - - - - 1961
Statton, Arthur Knight, B.Sc. - - - - - 1922
Statton, Josiah William, B.Sc. - - - - - 1921
Statton, Keith Jeffery, M.B., B.S. - - - - 1944
Staude, Clarence Herman, B.A. - - - - - 1947
Stead, Sydney Arnold, B.Sc. - - - - - - 1933
Stearne, John McKenzie, Ph.D. (B.Sc., 1958) - - - - - - - - - - - - 1964
Steel, Barry John, B.Sc. (Western Australia, 1955) - - - - - - - - - - - - 1960
Steel, Roy Desmond Charles, B.Sc. - - - - 1958
Steel, Terence Melville, B.Sc. - - - - - - 1961
Steele, David Macdonald, M.B., B.S. - - - 1909
Steele, David Macdonald, M.B., B.S. - - - 1955
*Steele, Donald Macdonald, M.B., B.S. - - - 1919
Steele, Ian Macdonald, M.B., B.S. - - - - 1948
Steele, John Kevin, B.Ec. - - - - - - - 1954
Steele, Laurence Russell, B.E. - - - - - 1940
Steele, Robert Ernest, M.B., B.S. - - - - 1952
Steele, Robert Thornborough, M.B., B.S. - 1942
Steele (nee Morris), Shirley Victoria, LL.B. 1933
Steingraber, Anna Martha, B.A. - - - - - 1962
Steinle, John Richard, B.A. - - - - - - 1958
Stenson, Lewis Murray Donaldson, B.Arch. 1963
Stepanovs, Leonids Lonka, M.B., B.S. - - 1958
Stephens, Charles Francis, B.Sc. - - - - 1897
Stephens, Charles George, M.Sc. (Tasmania, 1931) - - - - - - - - - - - - 1941
D.Sc. - - - - - - - - - - - - - - 1950
Stephens, Clement John, B.A. - - - - - - 1959
Stephens, Ella Mary, B.A. - - - - - - - 1915
Stephens, Eric Goyne, B.Sc. - - - - - - 1912
Stephens, John Felton, M.Sc. (B.Sc., 1953) - 1957
Stephens, Peter Donald, B.Sc. - - - - - 1959
Stephens, Lawrence John, B.A. - - - - - 1962
Stephens, Richard Clarence, B.D.S. - - - 1951
Stephens, Sylvester Kevin, B.E. - - - - - 1951
Stephenson, James Lewis, B.Ec. - - - - - 1944
Stephenson, John Roy Becket, B.A. - - - - 1952
Stephenson, Leonard Allenby, B.Sc. (Eng.) 1943
Stephenson, Thomas Howard, B.E. - - - - 1933
Stern, Leon Max, M.B., B.S. - - - - - - 1956
Stern, Walter Ralph, Ph.D. (M.Sc.Agr., Sydney,) - - - - - - - - - - - 1962
Steven, Ian Matheson, M.B., B.S. - - - - 1956
Stevens, Alice Cereddwyn, B.Sc. - - - - - 1963
Stevens, Edgar Loveday, LL.B. - - - - - 1919
Stevens, Iris Eliza, LL.B. - - - - - - - 1960
Stevens, John Alfred Fortington, B.D.S. - - 1948
Stevens, John Arnold, B.E. - - - - - - - 1958
Stevens, Julia Loveday, B.A. - - - - - - 1962
Stevens, Murray Alan, B.Tech. - - - - - 1962
Stevens, Richard Barrymore, B.E. - - - - 1952
Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - 1945
B.Ec. - - - - - - - - - - - - - - 1960
Stevens, William Edward, B.E. - - - - - 1952
Stevenson, Arthur James, B.E. - - - - - 1937
Stevenson, Derrance Redford, LL.B. - - - 1962
Stevenson, Donald George, M.Sc. (B.Sc., 1950) - - - - - - - - - - - - - 1952
Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - - - - - - - - - - 1926
Steward, Harrold Dunning, M.B., B.S. - - 1951
Stewart, Alastair Keith McKellar, M.B., B.S. 1951
Stewart, Colin Gore, B.A. - - - - - - - 1914
Stewart, Donald Peter Sinclair, B.Ec. - - 1952
Stewart, Doris Maud, B.A. - - - - - - - 1964
Stewart, Edgar Douglas James, B.E. - - - 1947
Stewart, Geoffrey Daniel, M.B., B.S. - - 1957
Stewart, Henry William James, B.E. - - - 1952
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - - - - - - - 1935
Stewart, John Samuel, M.B., B.S. - - - - 1939
Stewart, John Stewart McKellar, M.B., B.S. 1942
Stewart, Kenneth Duff, B.Ec. - - - - - - 1958
Stewart, Margaret McKellar, B.A. - - - - 1937
Stewart, Paul Rigby, B.D.S. - - - - - - 1962
Stewart, Vernon Allan Fergusson, M.B., B.S. 1939
Stewein, Carl Ronald, B.E. - - - - - - 1955
Stidston, Matthew Alfred Clement, B.Sc. - 1936
Stipnieks, Andrejs Pauls, LL.B. - - - - - 1963
Stipnieks, Maija Alma, B.D.S. - - - - - - 1961
Stirling, Kenneth George, B.Ec. - - - - - 1960
Stoate, Theodore Norman, D.Sc. (M.Sc., 1934) - - - - - - - - - - - - - 1953
Stoba, David James, B.App.Sc.. (B.Tech., 1962, surrendered) - - - - - - - - - 1963
Stobie, Michael John, B.E. - - - - - - - 1962
Stobie, Peter James, M.B., B.S. - - - - - 1952
Stock, Beresford Hannam, B.Sc. - - - - - 1963
Stock, Murray Clifford, B.Tech. - - - - - 1958
B.Ec. - - - - - - - - - - - - - - 1962
Stockbridge, Edgar Lambert, B.E. - - - - 1924
Stockbridge, John Keith, M.B., B.S. - - - - 1953
Stockdale, Noel, B.A. (Melbourne, 1951) - 1964
Stockley, Henry William, M.B., B.S. - - - 1954
Stodart, Barbara Joan, B.A. - - - - - - 1953

* Deceased.

Stodart, Donald McLean, B.E. - - - - 1951
Stodart, Douglas Alan, B.Tech. - - - - 1964
Stoddart, Harold William Downing, M.B., B.S. - - - - - - - - - - - - 1911
Stokes, Anne, B.Sc. - - - - - - - - 1943
Stokes, Charles Herbert, B.A. - - - 1956
Stokes, John, M.A. (B.A., 1947) - - - - 1948
Stokes, John Barrymore, M.B., B.S. - - - 1951
Stokes, John Lewis, M.B., B.S. - - - - 1941
Stokes, Judith, B.A. - - - - - - - 1947
Stokes, Laura Joan Hartley, B.Sc. - - - 1940
Stokes, Roger David, B.E. - - - - - - 1962
Stoll, Dorothee Friederike, B.A. - - - - 1963
Stoll, Ruth Sophie, B.A. - - - - - - 1955
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - 1949
Stolz, Kate Sophie, B.A. - - - - - - 1909
Stone, Brian Francis, B.Arch. - - - - - 1963
Stone, Brian James, B.Sc. - - - - - - 1959
Stone, Peter Clargo, B.E. - - - - - - 1962
Storch, Wilhelm Murray, B.A. - - - - 1938
Storer, Brian Thomas, M.B., B.S. - - - - 1962
Storer, Gerald Burdon, B.Sc. - - - - 1952
Storer, Laurel Jean, B.A. - - - - - - 1937
Storer, Robin George, Ph.D. (B.Sc., 1959) - 1964
Story, Gordon Malcolm, B.E. - - - - 1950
Story, Michael John, B.E. - - - - - - 1964
Stott, Douglas Wallace, B.Sc. - - - - - 1958
Stoutjesdijk, Albert Diederik Johan, M.B., B.S. - - - - - - - - - - - - 1953
Strachan, James Charles Power, M.B., B.S. - 1914
Stradling, John Burden Maxwell, B.Tech. - 1964
Strange, Audrey Mavis, B.A. - - - - - 1944
Strange, Malcolm Leslie, M.A. (B.A., 1939) 1951
Strange, Ronald Glen, B.Ec. - - - - - 1956
Stratford, D'Arcy Francis, LL.B. - - - 1964
Stratmann, Paul Franz, M.B., B.S. - - - 1933
Strawbridge, Albert Gordon, B.A. - - - 1951
Strehlow, Theodor Georg Heinrich, M.A. (B.A., 1931) - - - - - - - - - - 1938
Streich, Carl Ivo, M.B., B.S. - - - - - 1919
Strempel, Allan Arthur, B.E. - - - - 1952
Stretton, Helena Margaret, B.Sc. - - - 1960
Stretton, Hugh, M.A. (Oxford, 1952) - - - 1955
Stroble, Christian, B.A. - - - - - - - 1964
Strods, Inta Maria, B.A. - - - - - - - 1962
Stribley, Edwin John, M.A. (B.A., 1920) - - 1925
Stribling, Ada Florence, B.A. - - - - - 1925
Strickland, Andrew James, B.A. - - - - 1964
Strickland, Robert Geoffrey, M.B., B.S. - - 1961
Stuart, Anthony, B.A. - - - - - - - - 1964
Stuart, Cameron Kingston, LL.B. - - - - 1956
B.A. - - - - - - - - - - - - - - 1963
Stuart, Noel Harry, B.Sc., B.E. - - - - 1928
Stubber, Leo Anthony, M.B., B.S. - - - 1953
Stubbs, Ruth Margaret, Mus.Bac - - - - 1959
Stuckey, Edward Joseph, B.Sc. - - - - 1895
M.B., B.S. - - - - - - - - - - - 1903
Stuckey, Francis Seavington, B.Sc. - - - 1896
Sturmey, Stanley George, M.Ec. (B.Ec., 1950) 1953
Subagio, Nitipustoko, B.E. - - - - - - 1963
Sudjono, B.Ag.Sc. - - - - - - - - - 1961
Sudholz, Herbert Frederick, B.D.S. - - - 1930
Sugars, Kingsley John, B.Sc. - - - - 1962
Sugg, Bentham Horace, B.A. - - - - - - 1934
Suhanek, Leslie, B.Tech. - - - - - - - 1964
Sulan, Charles, B.Ec. - - - - - - - - 1961
Sullivan, Denis Raymond, B.A. - - - - - 1963
Sullivan, Margaret Rendle, B.A. - - - - 1943
Sullivan, Maxwell Douglas, B.Ec. - - - - 1951
Sullivan, Phillip Grose, B.Sc. - - - - 1942
Summerfield, William Charles, B.Sc. - - - 1964
Summers, Frank Henry, B.Sc. - - - - - 1923
Summers, Graham Frank, B.Tech. - - - - 1960
Sumner, Donald Ernest Wesley, M.B., B.S. 1952
Sumner, Donald James Robert, M.B., B.S. - 1922
Sumner, Graham Edwin, M.B., B.S. - - - 1955
Sunarjana, Sutan Awaludin, B.E. - - - 1963
Surna, Nemira Ona, M.B., B.S. - - - - - 1958
Susman, Shirley Jean, B.Sc. - - - - - - 1947
Suter, Alfred Charles, B.Sc. (Liverpool, 1910) 1912
Sutherland, Geoffrey Strafford, B.E. - - - 1956
Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937) - - - - - - - - - - 1944
Sutton, David John, Ph.D. (B.Sc., 1948) - 1954
Sutton, Jeffery Robert Cost, B.Tech. - - - 1958
Sutton, Laura Margaret, B.A. - - - - - 1953
Sved, John Andrew, B.Sc. - - - - - - 1960
Sved, Marta, B.Sc. - - - - - - - - - 1956

Svencis, Francis, B.Ec. - - - - - - - - 1961
Svenne, Ilze, B.A. - - - - - - - - - 1964
Swaine, Cyril David, M.B., B.S. - - - - - 1942
Swan, Alan Keith, B.A. - - - - - - - - 1943
•Swan, Charles Spencer, M.D., (M.B., B.S., 1935) - - - - - - - - - - - - 1941
D.Sc. - - - - - - - - - - - - - 1947
Swan, Hilda Mary, B.A. - - - - - - - 1940
Swanbury, Peter Vernon, B.A. - - - - - 1961
Swann, Eric John, M.B., B.S. - - - - - 1924
Swann, John Christopher, B.Sc. - - - - - 1961
Swann, Mary Caroline, B.Sc. - - - - - - 1951
Swanson, Albert Frederick Daniel, B.A. - - - 1940
Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932) 1936
Swayne, Joseph, B.A. (National, Ireland, 1915) - - - - - - - - - - - - - 1921
Sweatman, Thomas Rex, M.Sc. (B.Sc., 1954) 1961
Sweeney, Donald Ballantyne, M.B., B.S. - 1963
Sweeney, Gordon, B.E. - - - - - - - - 1924
Sweeney, James Gladstone, M.B., B.S. - - - 1915
Sweeney, John Gladstone, M.B., B.S. - - - 1951
Sweeney, Mary Ryan, B.A. - - - - - - - 1932
Sweeney, Murray Frank, B.E. - - - - - 1950
Sweeney, Patrick James, B.Sc. - - - - - 1962
Sweeney, Robert James, M.B., B.S. - - - - 1953
Sweeney, Trevor John, B.Tech. - - - - - 1958
Sweet, Ross, M.B., B.S. - - - - - - - 1964
Sweet, Stephen Frank, B.Sc. - - - - - 1964
Sweetapple, George Frederick, B.Sc. - - - 1945
Sweller, Genia, M.B., B.S. - - - - - - 1964
Swift, Sir Brian Herbert, M.B., B.S. (Cambridge, 1916) - - - - - - - - - 1920
M.D. (Cambridge, 1936) - - - - - - 1936
Swift, Harry Houghton, B.E. - - - - - 1915
Swift, Vera May, B.A. - - - - - - - - 1935
Swiggs, Francis, M.B., B.S. - - - - - - 1954
Swincer, Graeme Douglas, B.Ag.Sc. - - - - 1964
Switajewski, Christopher Alfred, M.B., B.S. 1964
Sydenham, Peter Henry, B.E. - - - - - 1964
Sykes, Leon Turnbull, B.Tech. - - - - - 1962
Sykes, Meredyth Elizabeth, B.A. - - - - 1960
Sylow, Barbara Elizabeth Ruth, B.Sc. - - - 1960
Symes, William David, M.B., B.S. - - - - 1952
Symon, Charles Craven, B.Sc. - - - - - 1955
Symon, Charles James Ballaarat, M.A. (Oxford, 1919) - - - - - - - - - 1932
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. - - - - - 1959
B.A. - - - - - - - - - - - - - 1960
Symons, Gordon Joseph, B.A. - - - - - - 1958
Symons, Jack Gilroy, B.E. - - - - - - - 1936
Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953) - - - - - - 1960
Symons, Lloyd Alfred Grigg, B.A. - - - - 1928
Symons, Margaret Anne, B.A. - - - - - 1957
Symons, Mark Gail, B.E. - - - - - - - 1959
Symons, Peter Norman, B.E. - - - - - - 1957
Symons, Reginald Albert, LL.B. - - - - 1927
Symons, Stuart Barry, B.D.S. - - - - - 1959
Szekeres, Peter, B.Sc. - - - - - - - - 1960

T

Tabor, Adrian, B.Sc. - - - - - - - - 1962
Tabor, Barbara, B.A. - - - - - - - - 1962
Taeuber, 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) - - - - - - - - - - 1959
Ph.D. - - - - - - - - - - - - 1964
Talbot, Judith Ann, M.B., B.S. - - - - - 1964
Talmet, Maie-Anne, B.Sc. - - - - - - - 1964

• Deceased.

Tam, Chat Tim, M.E. (B.E., 1959) - - - 1962
Tam, Wai Sheung, B.Sc. - - - - - - 1964
Tamblyn, Eric Joseph, M.B., B.S. - - - 1936
Tamlin, Eric Arthur, B.Sc. - - - - - 1956
Tan, Bok Kim, Ronald, B.E. - - - - - 1963
Tan, Chat Hong, B.E. - - - - - - - 1959
Tan, Eng Seong, B.E. - - - - - - - 1961
Tan, Kheng Khoo, M.B., B.S. - - - - 1956
Tan, Kong Chin, M.B., B.S. - - - - - 1959
Tan, Kuan Teik, B.E. - - - - - - - 1962
Tan, Loraine Soo Tian, M.B., B.S. - - - 1955
Tan, Ong Kiat, B.E. - - - - - - - 1964
Tan, Seng Huat, B.Tech. - - - - - - 1964
Tan, Sim Keng, Philip, M.B., B.S. - - - 1964
Tan, Sock Kia, B.A. - - - - - - - - 1961
Tan, Yee Thong, B.Sc. - - - - - - - 1963
Tang, Teng Kooi, M.B., B.S. - - - - - 1958
Tanko, Robert Seymour, B.D.S. - - - - 1951
Tanner, Garnet Albert, B.E. - - - - - 1932
Tanner, George Pelham, B.A. (Oxford, 1908) 1912
Tansell, Robert Cameron, B.E. - - - - 1952
Tanzer, Christian Ignatius, B.Sc. - - - - 1963
Taplin, David Elliott, B.Ag.Sc. - - - - 1963
Taplin, Roger Eaton, B.Sc. - - - - - - 1962
Tapp, Adrian Lynda, B.A. - - - - - - 1928
Tapp, William Pelton, B.E. - - - - - 1950
Tapping, Jeffrey, B.Sc. - - - - - - 1963
Tardrew, Philip Leslie, B.Sc. - - - - 1945
Tarrant, Frederick Martin, B.Tech. - - - 1958
Tassie, Gemmel, M.B., B.S. - - - - - 1926
Tassie, Gemmel Wilson, M.B., B.S. - - 1955
Tassie, Jean Reid, B.A. - - - - - - 1914
Tassie, John, B.Ec. - - - - - - - - 1960
Tassie, Joyce Gemmel, B.Sc. - - - - - 1940
Tassie, Judith Anne, M.B., B.S. - - - - 1957
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered) - - - - - - - - - 1918
Tattersall, Ila, B.A. - - - - - - - 1944
Tavender, Roy Malcolm, B.Tech. - - - - 1962
Tay, Sin Yan, B.E. - - - - - - - - 1959
Taylor, Andrew Leslie, B.Ag.Sc. - - - 1960
Taylor, Brian Breslin, B.E. - - - - - 1952
Taylor, Brian Kenwyn, B.Ag.Sc. - - - - 1960
Taylor, Colin Stephen, B.E. - - - - - 1948
Taylor, Darnley Harry Gilmore, B.Ec. - - 1958
Taylor, David Hugh, LL.B. - - - - - 1961
Taylor, David John, M.Sc. (B.Sc., 1956) - 1963
Taylor, Donald William, B.E. - - - - 1931
Taylor, Douglas McLeod, B.A. - - - - 1951
Taylor, Duncan Grant, B.Ec. - - - - - 1964
Taylor, Geoffrey Hamlet, M.Sc. - - - - 1953
Taylor, Graham Frank, B.Sc. - - - - - 1961
Taylor, Herbert Richard, B.A. - - - - 1932
Taylor, James Bruce, B.Ag.Sc. - - - - - 1959
Taylor, Janice Gwen, B.Sc. - - - - - 1964
Taylor, Jennifer Ann, B.A. - - - - - 1953
Taylor, Jeremy Roy, B.Ec. - - - - - - 1964
Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923) - - - - - - - - - 1954
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
Teague, John Fletcher, B.Sc. - - - - - 1964
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, M.E. (B.E., 1960) 1964
Templer, Jeffrey Norman, B.E. - - - - - 1941
Tennant, Maxine Rita, M.B., B.S. - - - - 1951
Teo, Chiang Boon, B.E. - - - - - - - 1961
Teoh, Hoon Leong, B.Ec. - - - - - - - 1957
Ternan, 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
Teubner, 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, Barry Alexander, B.Tech. - - - - 1964
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, Jeffery 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. 1937
Thompson, Anthony George, B.E., (N.Z., 1947) - - - - - - - - - - - - 1959
Thompson, Anthony William, B.Sc. - - - 1964
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
Thompson, Elaine Joyce, B.A. - - - - - 1964
Thompson, Frank Howard, B.A. - - - - 1955
Thompson, Frederick Verner, B.Sc. (Eng.) - 1948
Thompson, Glen Raymond, B.Sc. - - - 1964
Thompson, Jean Fleming, B.A. - - - - - 1928
Thompson, Jessie Mildred, B.A. - - - - - 1939
Thompson, Jill Susan, B.A. - - - - - - 1964
Thompson, John Evlyn, 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, Philip Wayne, B.Sc. - - - - - 1964
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

° Deceased.

Thomson, James Donald, LL.B. - - - - 1963
Thomson, Janet Elizabeth, B.Sc. - - - - 1956
Thomson, Joanna Erlistoun, B.A. - - - 1948
Thomson, John David, B.Tech. - - - - 1964
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, Richard William, B.E. - - - 1964
°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, Kar Lum, B.Sc. - - - - - - - 1964
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
B.E. - - - - - - - - - - - - - 1924
Thrush, Harry Clifford, B.A. - - - - 1915
Thuys, John Gerard, B.Sc. - - - - - 1964
Thwaites, Neil Harry, B.Tech. - - - - 1960
Thyer, Alexander Maitland, M.E. (B.E., 1924) - - - - - - - - - - - 1936
Thyer, Frederick Lewis, M.B., B.S. - - - 1923
Thyer, George Maitland, B.E. - - - - - 1962
Thyer, Harold Walford, M.B., B.S. - - - 1964
Thyer, Robert Francis, B.Sc. - - - - - 1932
Tideman, Arthur Frederick, B.Ag.Sc. - - 1953
Tideman, Frederick William, B.E. - - - 1925
Tideman, Margaret Beryl, B.A. - - - - 1963
Tidemann, Ernest Phillips, B.D.S. - - - 1933
Tidswell, Bruce Allison, B.D.S. - - - - 1955
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919) - - - - - - - - - 1922
Tilbrook, Norman Keith, B.E. - - - - 1949
Tilbrook, Percival Montrose Torr, B.A. - - 1954
Tilby, Jenis Marie, B.A. - - - - - - 1964
Tilemann, Rosemary, B.A. - - - - - - 1957
Till, Maxwell Roy, B.Ag.Sc. - - - - - 1949
Tiller, Kenneth Matthew John, B.Sc. - - 1949
B.A. - - - - - - - - - - - - - 1955
Tiller, Kevin George, M.Sc. (B.Sc., 1953) - 1957
Tillett, Peter Irwin, B.Sc. - - - - - - 1956
B.A. - - - - - - - - - - - - - 1963
Tillett, Rodney Colin, B.E. - - - - - - 1961
Tilley, Cecil Edgar, B.Sc. - - - - - - 1914
Tilley, Harold William George, B.Ec. - - 1964
Tilly, Graham John, B.Sc. - - - - - - 1957
Timcke, Edward Waldemar, B.A. - - - - 1920
Tindale, Beryl Rae, B.A. - - - - - - - 1948
Tindale, John, B.Sc. - - - - - - - - - 1962
Tindale, John James, B.Ag.Sc. - - - - - 1961
Tindale, Norman Barnett, B.Sc. - - - - - 1932
Tindall, Colin James, LL.B. - - - - - - 1957
Tindall, Ronald Graham, B.Sc. - - - - - 1956
Tipping, Richard Michael, M.B., B.S. - - 1953
Tiver, Athol, B.Ag.Sc. - - - - - - - 1956
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940) - - - - - - - - - - - 1947
Tiver, Peter Graham, B.A. - - - - - - - 1962
Tiver, Ronald Wayland, B.D.S. - - - - - 1943
Tjokrosubroto, Raden Heroetomo, B.App.Sc. 1963
Tobin, Ashleigh Hambridge, Mus.Bac. - - 1964
Todd, Arnold Charles, B.E. - - - - - - 1955
Todd, Ronald Maxwell, B.Tech. - - - - - 1964
Toh, Kim Thye, B.E. - - - - - - - - - 1959
Tohver, Ilmar, B.D.S. - - - - - - - - 1955
Tolcher, Vernon Arthur, B.E. - - - - - 1953
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - 1949
Tolmie, Ronald Philip, B.E. - - - - - - 1957
Tomlin, John Anthony, B.Sc. - - - - - 1963
Tomlin, Stanley Gordon, Ph.D. (London, 1945) - - - - - - - - - - - 1960
Tomlinson, Betty Mary, B.A. - - - - - 1939
Tomlinson, William Frederick, M.B., B.S. - 1939
Tonkin, Aubrey Douglas, M.B., B.S. - - 1951
Tonkin, David Oliver, M.B., B.S. - - - 1953
Tonkin, Donald Geoffrey, B.E. - - - - 1953
Tonkin, Mary Elizabeth, B.A. - - - - - 1944
Tonkin, Raymond George, M.B., B.S. - - 1937
Tonkin, Verna Iris, B.Sc. - - - - - - - 1961
Tonkin, William Richards, M.B., B.S. - - 1921
Toomey, Derek Morton, B.A. (Manchester, 1958) - - - - - - - - - - - 1961
Toop, Beryl Rachel, B.Sc. - - - - - - - 1959
Toovey, Douglas Reginald, B.Ec. - - - - 1957
Tooze, Mervyn John, B.Sc. - - - - - - 1947
Topliss, John George, M.B., B.S. - - - - 1950
Topperwein, Irwin, M.A. (B.A., 1922) - - - 1924
B.Sc. - - - - - - - - - - - - - 1925
Torr, Shirley Constance, B.A. - - - - - 1944
Torr, Thomas Harold, M.B., B.S. - - - - 1953
Tosolini, Frederick Angelo, M.B., B.S. - - 1964
Tostevin, Alfred Ladyman, M.B., B.S. - - - 1923
Tostevin, Graham Mark, M.E. (B.E., 1953) 1957
Tothill, Judith Windebank, B.A. - - - - 1953
Tottman, Vance Denzil, M.B., B.S. - - - 1961
Toussaint, Rose Evangeline, M.B., B.S. - - 1953
Townsend, Douglas George, M.B., B.S. - - 1956
Townsend, Herbert Louis, B.A. - - - - - 1941
Townsend, Norman Charles Wilson, M.B., B.S. - - - - - - - - - - - - 1956
Tozer, Ross Leonard, M.B., B.S. - - - - - 1957
Tracey, Alan James, B.Tech. - - - - - - 1959
Traeger, Keith Terence, B.A. - - - - - 1949
Tratman, Frank, M.D. (London, 1892) - - - 1899
Traub, Max, M.B., B.S. - - - - - - - 1952
Trauer, Robert, M.B., B.S. - - - - - - 1952
Travers, John Leo, LL.B. - - - - - - - 1920
Travers, Paul Brendon, B.Tech. - - - - - 1963
Treasure, Eunice Jessie, B.A. - - - - - - 1944
Treasure, Valda Beth, B.A. - - - - - - 1951
Trebilcock, David, B.A. - - - - - - - 1964
Trebilcock, John Bungey, M.B., B.S. - - - 1953
Tregenza, Alan Arthur, B.A. - - - - - 1949
Tregenza, Jean Florence, B.A. - - - - - 1955
Tregenza, John Miller, M.A. (B.A., 1953) - 1956
Tregenza, Sydney Lloyd, B.A. - - - - - 1923
Tregloan, Peter Allan, B.Sc. - - - - - - 1964
Tregonning, Alexander Gillespie Anthony, M.B., B.S. - - - - - - - - - - - 1951
Tregonning, Donald John Kennedy, M.B., B.S. - - - - - - - - - - - - 1949
Tregonning, Kennedy Gordon Philip, B.A. - 1950
Treleaven, David Ross, B.Tech. - - - - - 1964
Treleaven, Walter, B.Sc. - - - - - - - 1893
Treloar, Albert Edward Coran, LL.B. - - - 1927
Treloar, Deane Andrew, B.Arch. - - - - - 1964
Treloar, Francis Edward, Ph.D. (B.Sc., 1954) 1959
Treloar, Gwenyth Florence, B.A. - - - - 1960
Treloar, Hugh Kingsley, LL.B. - - - - - 1951
Treloar, John Harvey, B.E. - - - - - - 1954
Treloar, Lionel Hammond, LL.B. - - - - 1957
Treloar, Ronald William, B.Ec. - - - - - 1957
Tremain, Allen Maurice, B.Sc. - - - - - 1943
Trembath, Frank Everard, M.B., B.S. - - - 1944
Tremlett, Ian Walter, B.Ec. - - - - - - 1958
Trendall, Arthur Dale, D.Litt. (New Zealand, 1936) - - - - - - - - - - - 1960
Trenerry, Roger, B.E. - - - - - - - - 1948
Trenorden, Ailsa Gwynne, B.Sc. - - - - - 1952
Trenorden, Glenwynne Eva, B.A. - - - - 1934
Trenorden, James Henry, B.A. - - - - - 1945
Trestrail, Hugh Alexander, B.E. - - - - - 1937
Trethewie, Everton Rowe, M.D. (Melbourne, 1939) - - - - - - - - - - - 1944
Trett, Victor, B.Sc. - - - - - - - - - 1963
Trevaskis, John Reginald, M.A. (Cambridge, 1948) - - - - - - - - - - - 1958
Triggs, Kathleen Dorothy, B.A. - - - - - 1945
Trimmer, Ray Brian, B.E. - - - - - - - 1949
B.Ec. - - - - - - - - - - - - - 1961
Trist, Alan Roberts, B.Sc. - - - - - - 1926
Trott, Arthur Keith, B.D.S. - - - - - - 1939
Trott, Dudley William, B.D.S. - - - - - 1939
Trott, John Richard, B.D.S. - - - - - - 1950
Trott, Lyndon Rodney Eyre, B.E. - - - - 1950
Trotter, Claudia Annette, B.A. - - - - - 1964
Trotter, Frederick Lionel, B.D.S. - - - - 1941
Trudinger, Leonhard Paul, B.A. - - - - - 1957
Trudinger, Malcolm August, M.B., B.S. - - 1927
°Trudinger, Martin, B.A. - - - - - - - - 1912
Trudinger, Philip Alan, Ph.D. (B.Sc., 1948) 1955
Trudinger, Ronald, B.Sc. - - - - - - - 1905
M.B., B.S. - - - - - - - - - - - 1909
Trudinger, Ronald Martin, B.A. - - - - - 1943
°Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - - - - - - - - 1937
Trumble, Hugh Peter Christian, B.Ag.Sc. - 1949

° Deceased.

Truran, John Maxwell, B.A. - - - - - 1963
Truscott, David Craven, B.Ec. - - - - 1964
Truscott, Edward Glen, B.E. - - - - - 1961
Tsangaris, George Paul, B.A. - - - - - 1959
Tsounis, Michael Peter, B.A. - - - - - 1964
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, Neil William, B.A. - - - - - - 1964
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, Henry Clavering, B.Sc. - - - 1964
Tuckwell, Kenelm Sinclair, B.A. - - - 1930
Tuckwell, Roger Hamilton, B.Ec. - - - 1956
Tugwell, Beverley Jean, B.Sc. - - - - 1963
Tume, Ronald Keith, B.Sc. - - - - - 1964
Tunbridge, Peter Brett, M.B., B.S. - - - 1953
Tuncks, Valerie Christine, B.A. - - - - 1964
Turnbull, Gordon McLeod, M.B., B.S. - - 1937
Turnbull, John Winston, M.B., B.S. - - - 1964
Turner, Annette Helen, B.A. - - - - - 1964
Turner, Arthur Noel, M.B., B.S. - - - - 1952
Turner, Betty Gretton, B.Sc. - - - - - 1937
Turner, Charles Trevor, M.B., B.S. - - - 1914
Turner, Constance Mary, B.A. - - - - 1951
Turner, Donald Lionel, B.Sc. - - - - 1947
Turner, Edward Robert, B.E. - - - - 1932
Turner, Elizabeth Rosemary, B.A. - - - 1960
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, Zafirios, 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
van Daal, Lambertus Martinus Maria, B.Tech. - - - - - - - - - - 1964
Vanderhoek, Gilah Chaja, B.A. - - - - 1963
Van der Pennen, 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 Dulken, Thomas Bernhard, B.Sc. - - 1964
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
Van 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 Pathayappurayil, 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
Vawser, Robert du Rieu, B.A. - - - - - 1964
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
Vicharangsan-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
Videon, Kevin Neil, B.Tech. - - - - - 1964
Viggers, George Beddoe, B.A. - - - - - 1958
Vigor, David Bernard, B.A. - - - - - - 1960
Vijh Inder Jit, B.E. - - - - - - - - 1958
Vilkins, 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
Vitale, John Vincent, B.A. - - - - - - 1964
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
Von Doussa, Robert Louis, B.D.S. - - - - 1964
Vorbach, Adrian Neil, M.B., B.S. - - - - 1961

* Deceased.

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

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
B.Sc. - - - - - - - - - - - - 1959
Wade, Keith Oliver, B.Sc. - - - - - - 1963
Wade, Mary Julia, Ph.D. (B.Sc., 1951) - 1959
Wadham, Elizabeth Jean, M.A. (B.A., 1953) 1954
Wadsworth, Bernard Francis Peter, M.E. (B.E., 1956) - - - - - - - - - - 1960
Waechter, Heather Lorraine, B.Sc. - - - 1964
Waechter, Raymond Trevor, B.E. - - - - 1957
M.Sc. (B.Sc, 1961) - - - - - - - - 1964
Wagner, Barbara Joan, B.D.S. - - - - 1942
Wagner, Franz William, B.Sc. - - - - 1928
Wagstaff, Rosemary, B.A. - - - - - - 1961
Wahlquist, Eric Gilbert, B.A. - - - - 1951
Wahlqvist, Mark Lawrence, B.MedSc - - 1963
Wainwright, Charles Leonard, B.Sc. - - 1900
Wainwright, Michael William, B.D.S. - - 1964
Wait, Marthe Lucy, M.A. (B.A., 1920) - 1922
Wait, Rosemary Gwendoline, B.A. - - - 1964
Wait, Yvonne Lois, M.A. (B.A., 1926) - - 1932
Waite, Jack Francis Enos, B.A. - - - - 1936
Waite, Jill Shergold, B.A. - - - - - - 1962
Waite, Peter John, B.Sc. - - - - - - - 1962
Wake, Roderick Barry, B.E. - - - - - 1951
Wakeford, Sidney Claud, B.A. - - - - 1937
Waldeck, Reginald David Chapple, B.A. - 1950
Walker, Alan Philip, B.A. - - - - - - 1961
Walker, Alexander John Kerry, B.Ag.Sc. - 1939
Walker, Bruce Gladstone, M.B., B.S. - - 1964
Walker, Christina Annie, LL.B. - - - - 1935
Walker, David John, B.Arch. - - - - - 1963
Walker, Donald Campbell, M.B., B.S. - - 1962
Walker, Ellen Lawson, B.Sc. - - - - - 1899
Walker, Gilbert John, B.A. - - - - - 1940
Walker, Gordon Harold, B.E. - - - - 1952
Walker, Graham Thomas, B.A. - - - - 1963
Walker, Ian Saville, Ph.D. (B.Sc., 1952) - 1956
Walker, Jane Elizabeth, B.A. (Wales) - - 1908
Walker, Janice Phyllis, B.A. - - - - - 1956
Walker, Jillianne Mary, B.A. - - - - - 1963
Walker, John Adrian Mozar, M.B., B.S. - 1951
Walker, John Schomburgk, B.Sc. - - - 1926
Walker, Mildred, B.A. - - - - - - - 1928
Walker, Reginald Jeffrey, M.B., B.S. - - 1952
°Walkley, Allan, B.Sc. - - - - - - - - 1927
Walkley, Gavin, B.E. - - - - - - - - 1934
M.A. (Cambridge, 1942) - - - - - - 1949
Walkley, Joan Eileen, M.Sc. (B.Sc., London) 1949
Wall, Barbara Deane, M.A. (B.A., 1949) - 1950
Wall, Brian Henry, B.E. - - - - - - - 1958
Wall, Gordon Elliott, B.Sc. - - - - - 1947
Wall, Ian Baker, B.E. - - - - - - - - 1955
Wall, Kenneth John, B.Tech. - - - - - 1964
Wall, Margaret Esther, B.Sc. - - - - 1951
Wallace, Dean Kingsley, B.Ec. - - - - 1964
Wallace, Donald, B.A. - - - - - - - 1939
Wallace, Frank Kenneth, M.B., B.S. - - 1934
Wallace, Malcolm Maxwell, M.B., B.S. - - 1959
Wallace, Peter Richard, B.E. - - - - - 1961
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952) - - - - - - - - 1958
°Wallace, Sir Robert Strachan, M.A. (Oxford) 1926
Wallman, Ian Stuart, M.B., B.S. - - - 1947
Wallman, James Douglas Robson, M.B., B.S. 1951
Wallman, Leigh Stuart, M.B., B.S. - - - 1940
Wallman, Neil Stuart, M.B., B.S. - - - 1944
Wallman, Nugent Horton, LL.B. - - - 1937
Wallman, Rex Horton, B.D.S. - - - - 1951
Wallman, Richard John Robson, M.B., B.S. 1951
Wallmann, Douglas Robson, M.B., B.S. - 1918
Wallmann, Reginald Horton, LL.B. - - - 1907
Walmsley, Norman Stuart, B.D.S. - - - 1952
Walmsley, Robert Leitch Eric, M.B., B.S. - 1920
Walsh, Brian Richard, M.B., B.S. - - - 1950
Walsh, Dorothy Counley, B.A. - - - - 1921
Walsh, Eleanor Wynn, B.Sc. - - - - - - 1964
Walsh, Elizabeth Jan, B.A. - - - - - - 1956
Walsh, Esmond Thomas, M.B., B.S. - - - 1926
Walsh, Frances Mary, B.A. - - - - - - 1931
Walsh, Geoffrey Goode, B.E. - - - - - 1959
Walsh, John Alfred, M.B., B.S. - - - - 1963
Walsh, John Francis Anthony, M.B., B.S. - 1955
Walsh, Kevin Gerald, LL.B. - - - - - 1932
Walsh, Margaret Mary, B.A. - - - - - 1951
Walsh, Reginald Clarence, B.E. - - - - 1925
Walsh, Valerie Mary, B.A. - - - - - - 1964
Walter, Barbara Katherine, B.A. - - - - 1963
Walter, Bryan Robert, B.Sc. - - - - - - 1963
Walter, Denys, B.Ec. - - - - - - - - - 1955
Walter, Harold Noal, B.E. - - - - - - 1936
Walter, Hilda Blanche May, M.A., (B.A., 1913) - - - - - - - - - - - - 1915
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908) - - - - - - - - - 1909
Walters, Francis Victor Charles, B.E. - - 1953
B.Ec. - - - - - - - - - - - - - 1962
Walters, George Henry, LL.B. - - - - - 1936
Walters, Max Norman Isadore, M.B., B.S. - 1954
Walters, William Allen Willcox, M.B., B.S. 1956
Waltham, Francis Frederick Bowering, B.Tech. - - - - - - - - - - - 1959
Walton, Bruce Adrian, B.Sc. - - - - - 1945
Walton, Geoffrey Norman, B.E. - - - - 1960
Walton, Gertrude Mary, B.A. - - - - - 1904
Walton, Shirley-Anne Campion, B.A. - - - 1956
Walz, Joseph Michael, B.A. - - - - - - 1945
Wan, Kwok Kuen, B.D.S. - - - - - - - 1961
Wan, Kun Yiu, M.B., B.S. - - - - - - - 1962
Wangel, Anders Gustaf, M.B., B.S. - - - 1959
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - 1947
Wannan, Ellen Sarah, B.Sc. - - - - - - 1930
Warburton, George Bruce, B.Sc. - - - - 1961
Ward, Cyril Michael, M.A. (B.A., 1910) - 1912
Ward, Denby Harcourt, M.E. (B.E., 1955) - 1961
Ward (nee Claridge), Evelyn Dorothy, B.Sc. 1935
Ward, Geoffrey Grant, M.B., B.S. - - - 1955
Ward, Gerald Michael, LL.B. - - - - - 1949
Ward, Guthrie Lloyd, B.Tech. - - - - - 1963
Ward, Harry Lancelot, B.A. - - - - - - 1920
Ward, Jean Russel, B.A. - - - - - - - 1939
Ward, Kevin James, LL.B. - - - - - - 1949
Ward, Leonard Keith, B.E. (Sydney, 1903) 1913
D.Sc. - - - - - - - - - - - - - 1926
Ward, Leonard Rosslyn, B.E. - - - - - 1932
Ward, Margaret Hawthorne, B.Sc. - - - 1958
Ward, Margaret Kennings, B.A. - - - - 1947
Ward, Michael, LL.B. - - - - - - - - 1963
Ward, Robert Hayes, LL.B. - - - - - - 1936
Ward, Russel Braddock, M.A. (B.A., 1936) 1950
Warden, Mark Cunningham, B.Ec. - - - - 1961
Warden, Robert Douglas Cunninghame, LL.B. - - - - - - - - - - - - 1951
Wardle, Elizabeth, B.Sc. - - - - - - - 1964
Wardrop, Alan Haig, LL.B. - - - - - - 1964
Ware, Dorothy Alice, B.A. - - - - - - 1960
Warhurst, Barbara Wilfred, B.Sc. - - - 1938
Warhurst, Dean Frank, B.Tech. - - - - 1961
Wark, Bruce Goodman, B.D.S. - - - - - 1953
Warmington, Ethne Helen, B.A. - - - - 1963
Warne, Keith Raymond, B.Sc. - - - - - 1959
Warner, John Raymond, B.A. - - - - - - 1959
Warren, Barry John, B.Sc. - - - - - - 1963
Warren, Barry Thomas, B.Arch. - - - - 1963
Warren, Christopher Michael, B.E. - - - 1964
Warren, Donald Hampton, B.A. - - - - - 1942
Warren, John Robin, M.B., B.S. - - - - 1961
Warren, Sidney Lilla, B.A. - - - - - - 1915
Wastell, John Ernest, B.E. - - - - - - 1964
Wasty, Ghulam Husain, M.B., B.S. - - - 1961
Waterhouse, Edward John, B.Ag.Sc. - - - 1953
Waterhouse, George Saville, B.A. - - - 1955
Waterhouse, Louis David, LL.B. - - - - 1914
Waterhouse, Ronald Greaves, M.B., B.S. - 1952
Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - 1948
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - - - 1947
Waterman, Trevor Roy, M.B., B.S. - - - 1963
Waters, Ernest Bertram, B.Tech. - - - 1961
Waters, Russell Kyle, B.A. - - - - - - 1949
Waterson, Ian Craig, B.Sc. - - - - - - 1964
Waterson, John Gabriel, B.D.S. - - - - 1945

° Deceased.

Watkins, Charles Thomas, LL.B. - - - 1907
Watkins, Edward Hanmer, M.E. (B.E., 1959) 1960
Watkins, John Leslie, B.E. - - - - - 1933
Watkins, Trevor William, B.Tech. - - - 1964
Watkinson, Mavis Daphne, B.A. - - - - 1937
Watson, Arthur John, M.B., B.S. - - - 1953
Watson, Brian, B.E. - - - - -- - 1953
Watson, Christopher Lex, B.Ag.Sc. - - - 1957
Watson, David John, B.E. - - - - - - 1961
Watson, David Stanley, B.Sc. - - - - - 1954
Watson, Donald Robert, B.E. - - - - - 1951
Watson, George Michael, M.B., B.S. - - 1936
Watson, Graeme Douglas, B.A. - - - - 1957
Watson, Ian Morse, B.A. - - - - - - 1964
Watson, John Champion, B.E. - - - - - 1956
Watson, Joyce, B.A. - - - - - - - 1937
Watson, Kenneth Graham, M.B., B.S. - - 1953
Watson, Margaret Arden, B.Sc. - - - - 1940
Watson, Patricia Bali, M.B., B.S. - - - 1952
Watson, Richard Wyndham, M.B., B.S. - - 1962
Watson, Ruth, M.Sc. (B.Sc., 1934) - - - 1938
Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939) - - - - - - - 1945
Watt, Fanny Eileen, M.A. (B.A., 1927) - 1930
Wattchow, Colin Edward, B.A. - - - - 1949
Watters, Roger Allan, B.Sc. - - - - - 1962
Watts, Christopher Henry Stuart, B.Sc. - - 1962
Watts, Edith Isabel, B.A. - - - - - - 1935
Watts, Norman Clarence, B.E. - - - - 1956
Watts, Robin John, LL.B. - - - - - - 1959
Watts, Ruth Emily, B.A. - - - - - - 1949
Watts, John Clyde, B.Sc. - - - - - - 1949
Wauchope, Diana D'Este, B.Sc. - - - 1949
Wauchope, Diosma Marie, B.A. - - - - 1923
Wauchope, Frederick John, B.Sc. - - - 1930
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - - - - - - 1924
Wauchope, Mavis Lorelie, M.A. (B.A., 1923) 1936
Waugh, David McBride, B.E. - - - - - 1959
Waugh, William McDonald, B.A. - - - 1951
Wawryk, Stefan, B.E. - - - - - - - 1961
Way, Leslie Edward, B.Sc. - - - - - 1949
Way, Neville James, M.B., B.S. - - - - 1948
Way, Thomas Hubert, B.E. - - - - - - 1952
Waye, Peter Neil, LL.B. - - - - - - - 1951
Wearing, Alexander James, B.A. - - - - 1963
Wearne, Enid Lois, B.A. - - - - - - 1948
Weaver, Helen Christine, B.Sc. - - - - 1963
Weaver, Michael Pryor, B.Tech. - - - - 1964
Webb, Arthur Liddon, M.B., B.S. - - - 1922
Webb, Bruce Phillip, M.Sc. - - - - - 1954
Webb, Donald Barry, B.Ec. - - - - - - 1964
Webb, Emmaline Nancy, B.A. - - - - - 1949
Webb, John Edward, B.Sc. (Eng.) - - - 1942
Webb, John Newton, M.B., B.S. - - - - 1917
Webb, Kenneth Alfred, B.E. - - - - - 1953
Webb, Mary Gwendoline, B.A. - - - - 1937
Webb, Rita Gwendoline, B.A. - - - - - 1930
Webber, Brian John, B.Sc. - - - - - - 1959
Webber, Colin Russell, B.E. - - - - - 1952
Webber, Ian Ernest, B.E. - - - - - - 1957
Webber, Ian James, B.A. - - - - - - - 1961
Webber, Muriel Esme Jill, B.A. - - - - 1957
Webber, Ronald Thomas John, B.Ag.Sc. - 1948
Webling, Donald D'Arcy, B.Sc. - - - - 1950
M.B., B.S. - - - - - - - - - - - 1955
Webster, Louise Betty, B.Sc. - - - - - 1962
Webster, Raymond Murray, B.Sc. - - - 1938
Webster, Stanley George, M.B., B.S. - - 1951
Webster, Wilfred Grant, B.Sc. - - - - 1949
Weetman, Alan Russell, M.B., B.S. - - - 1951
Wege, Dieter, B.Sc. - - - - - - - - 1962
Wegener, Clemens Frederick, B.Sc. - - - 1949
Wegener, Richard Albert, B.E. - - - - 1948
Wei, Hon Yin, Stephen, B.D.S. - - - - 1962
Weidenbach, Neil, B.Sc. - - - - - - 1954
Weigold, Erich, B.Sc. - - - - - - - 1958
Weigold, Helmut, B.Sc. - - - - - - - 1960
Weir, Isobel, B.A. - - - - - - - - 1914
Weir, Maxwell Brett, B.E. - - - - - - 1962
Weir, Ronald Colin, B.Sc. - - - - - - 1959
Weiss, Alan Austin, Ph.D. (B.Sc., 1950) - 1955
Weiss, Donald Eric, D.Sc. (B.Sc., 1945) - 1960
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - - - - - - - - - - 1941
Weissman, Gerhard, B.Tech. - - - - - 1958
Welbourn, Alan Egerton, B.E. - - - - 1937
Welbourn, Barbara Egerton, B.Sc. - - - 1941
Welbourn, Eleanor Egerton, B.A. - - - 1948
Welbourn, Roger Michael Egerton, B.Sc. - 1964
Welch, Arthur Walter Sydney James, M.B., B.S. - - - - - - - - - - - 1923
Welch, Frank Edison, M.B., B.S. - - - 1936
°Welch, Horace Henry Eric, B.E. - - - 1938
Welch, Howard Walter, M.B., B.S. - - - 1954
Welch, Ian Donald, M.B., B.S. - - - - 1960
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901) - - - - - - - - - - 1901
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950) - - - - - - - - - - - 1954
M.D. (M.B., B.S., 1958) - - - - - 1962
Weller, Keith Russell, B.E. - - - - - 1960
Weller, Raymond Alfred, B.Sc. - - - - 1948
Wellington, Hugh Kennedy, B.E. - - - 1948
Wells, Barbara Gordon, M.B., B.S. - - - 1951
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951) - - - - - - - - - - 1959
Wells, Clarence Gordon, M.B., B.S. - - - 1921
Wells, Elizabeth Anne, B.A. - - - - - 1949
Wells, Elizabeth Wynne, B.A. - - - - 1934
Wells, Gregory Samuel, B.Sc. - - - - - 1959
Wells, Judith Helen, B.A. - - - - - - 1964
Wells, Julian Richard Este, Ph.D. (B.Ag.Sc., 1959) - - - - - - - - - - 1964
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
Wells, Peter John, B.E. - - - - - - - 1963
Wells, William Andrew Noye, LL.B. - - - 1945
Welsh, James Oglesby, B.A. - - - - - 1948
Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921) - - - - - - -- - 1924
Wemyss, Robert John, B.Ec. - - - - - - 1960
Wendelborn, Lawrence Cyril, B.A. - - - 1962
Wenham, Muriel, B.A. - - - - - - - - 1954
Wennerbom, Alan John, B.Sc. - - - - - 1956
Wennerbom, Barrie Campbell, B.A. - - - 1961
Were, John Owen, B.A. - - - - - - - 1933
Were, Keith Francis, B.A. - - - - - - 1961
Wesley Smith, Henry Elliott, B.A. - - - 1936
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926) - - - - - - - - - - - 1949
West, Alan William, LL.B. - - - - - - 1957
West, Alfred Lutwyche, B.Tech. - - - - 1961
West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - - - - - - 1897
West, Bruce Oswald, Ph.D. (B.Sc., 1948) - 1954
West, Doris Marjorie, B.A. - - - - - - 1921
West, Eric Stodden, B.Sc. - - - - - - 1921
West, Esmond Frank, M.B., B.S. - - - - 1922
West, Graham Peet, M.B., B.S. - - - - - 1961
West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946) - - - - - - - - - 1961
West, John Burnard, M.D. (M.B., B.S., 1952) 1959
West, John Stanley, B.E. (B.Sc., 1907, surrendered) - - - - - - - - - - 1914
West, Leonard Roy, M.B., B.S. - - - - - 1934
West, Patricia Joan, B.A. - - - - - - - 1961
°West, Reginald Arthur, M.A. (B.A., 1902) - 1905
West, Richard Frederick, B.E. - - - - - 1962
West, Robert Frank, M.D. (M.B., B.S., 1935) 1949
West, Rosemary Ruth, M.B., B.S. - - - - 1954
West, Stephen John, B.Sc. - - - - - - 1963
Westerman, Franklinna Sisley, B.D.S. - - 1946
Westerman, Roderick Alan, M.B., B.S. - - 1954
Westgarth, Walter Tebble, M.A. (B.A., 1925) 1929
Westley, John French Hebbart, B.E. - - - 1957
Westley, Shirley Judith, B.Ec. - - - - - 1963
Weston, Frank Keith, B.A. - - - - - - 1950
M.B., B.S. - - - - - - - - - - - 1957
Westphalen, John Arthur, B.Sc. - - - - - 1950
Westphalen, Kenneth John, M.B., B.S. - - - 1953
Whalan, Lionel Walter, B.A. - - - - - 1948
Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940) - - - - - - - - - 1945
Wheal, Michael Geoffrey, B.Sc. - - - - 1964
Wheatley, Frederick William, B.A. - - - 1904
D.Sc. - - - - - - - - - - - - - 1913
Wheatley, Roderick Alwyn, M.B., B.S. - - 1964
Wheaton, Geoffrey Brendan, B.E. - - - 1956
Wheaton, Malcolm Alfred, M.B., B.S. - - 1954
Wheaton, Neville Alistair, B.E. - - - - 1956
Wheaton, Neville Kingsley, B.Sc. - - - 1957
Wheaton, Robert Timothy, B.Ag.Sc. - - 1964
Wheaton, Russell Norman, B.Sc. - - - - 1952
Wheeler, Harry Winslow, B.Sc. - - - - 1929

° Deceased.

Wheeler, Reginald John, M.B., B.S. - - 1930
Whelan, John Thomas, B.Ec. - - - - 1952
Whelan, Robert Ford, M.D. (Belfast, 1951) 1958
Whibley, Cyril George, B.E. - - - - - 1927
Whillas, Geoffrey French, B.Sc. - - - - 1946
Whillas, Jean Kathleen, M.A. (B.A., 1947) - 1952
Whitburn, Jack, B.A. - - - - - - - 1931
White, Allan James Risley, B.Sc. - - - 1952
White, Anthony Hopper, B.Sc. - - - - 1951
White, Brian Ross, B.Sc. - - - - - - 1947
White, Elizabeth Alice, B.A. - - - - - 1956
Mus.Bac. - - - - - - - - - - - 1959
White, Francis Peter, LL.B. - - - - - 1963
White, Francis Richard, B.D.S. - - - - 1950
White, Geoffrey Fowler, B.Ec. - - - - 1960
White, Hedley John, B.E. - - - - - - 1950
White, Helena Victoria, B.A. - - - - 1934
White, Henry Douglas, B.A. - - - - - 1943
White, James Michael, LL.B. - - - - - 1951
B.A. - - - - - - - - - - - - 1956
White, Joan Hazel, M.B., B.S. - - - - 1935
White, John Baron, B.E. - - - - - - 1949
White, Joseph Charles, B.Ec. - - - - 1955
White, Joyce Winifred, B.A. - - - - - 1945
White, Kenneth Elsdon, B.E. - - - - - 1948
White, Leeson Desmond, B.E. - - - - - 1957
White, Maureen Therese, B.Sc. - - - - 1956
White, Michael Leonard, B.E. - - - - - 1956
White (nee Healy), Nora Kate, B.A. - - 1939
White, Phyllis, B.Sc. (Sydney, 1920) - - 1922
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - 1947
White, Ray Baron, B.E. - - - - - - - 1942
White, Richard William Grenville, B.E. - 1963
White, Roderick James, LL.B. - - - - 1958
White, Rodney Gordon, M.B., B.S. - - - 1949
White, Ruth Baron, B.Sc. - - - - - - 1942
White, Stanley Noel, B.A. - - - - - - 1953
White, Wilfred Allan, B.Ec. - - - - - 1942
White, Wilfred Carlstan Jurs, B.Sc. - - - 1948
White, William Richard Bolitho, B.E. - - 1932
Whitehead, Donald Henry, B.A. (Oxford, 1954) - - - - - - - - - - - 1959
Whitehead, Millicent Alma, B.A. - - - 1949
Whitehouse, Joseph Chenoweth, M.B., B.S. 1953
Whitelaw, Albert James, B.Sc. - - - - - 1929
B.A. - - - - - - - - - - - - 1937
Whiteread, Barry, B.Sc. - - - - - - - 1964
Whitford, Desmond Joseph, B.E. - - - - 1953
Whitford, Patricia Mary, B.A. - - - - - 1940
Whitford, Raymond Frank, M.B., B.S. - - 1953
Whiting, Clyde Taylor, B.A. - - - - - 1931
Whiting, John Harold, M.B., B.S. - - - - 1961
Whiting, Peter Arthur, B.Sc. - - - - - 1953
Whitington, Anne, B.A. - - - - - - - 1950
Whitington, Joan, B.A. - - - - - - - 1933
Whitington, Louis Arnold, LL.B. - - - 1911
Whitington, Richard Smallpiece, LL.B. - 1935
Whitman, Gerald Caleb, B.Sc. - - - - - 1952
Whittaker, Ian Arnold McDonald, M.Ag.Sc. 1964
Whittenbury, Barry Maxwell, M.B., B.S. - 1963
Whittle, Alick William Green, M.Sc. (B.Sc., 1945) - - - - - - - - - - - 1948
Whittle, Christopher Playford, Ph.D. (B.Sc., 1958) - - - - - - - - - - - 1962
Whittle, Donald George, B.E. - - - - - 1936
Whittle, Edith Julia, B.A. - - - - - - 1950
Whittle, Harry Reed, B.E. - - - - - - 1952
Whittle, James Latimer, B.E. - - - - - 1952
Whittle, Richard Latimer, LL.B. - - - - 1954
Whyte, Jean Primrose, B.A. - - - - - - 1952
Whyte, Phyllis Primrose, B.A. - - - - - 1952
Wiadrowski, Ian Barrie, B.E. - - - - - 1957
Wiadrowski, Maxwell Alfred Anton, B.A. - 1937
Wibberley, Brian, B.E. - - - - - - - 1951
Wibberley, Brian William, B.Sc. - - - - 1911
M.B., B.S. - - - - - - - - - - 1914
Wibberley, David John, M.B., B.S. - - - 1956
Wibberley, Hermia Mary, B.A. - - - - - 1941
Wibberley, Judith, B.A. - - - - - - - 1952
Wickes, Lewis Charles, Mus.Bac. - - - - 1964
Wickes, Neil Bruce, B.Tech. - - - - - - 1962
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945) - - - - - - - - - 1946
Wicks, David Frank, LL.B. - - - - - - 1960
Wicks, Frederick Ralph, M.B., B.S. - - - 1923
Wicks, Graham Ralph, M.B., B.S. - - - - 1954
Wicks, Norman Stephen Price, M.B., B.S. - 1947
Wicks, Rodney Henry, M.B., B.S. - - - - - 1962
Wiencke, George Edwin, B.Tech. - - - - - 1959
Wien-Smith, Geoffrey, M.B., B.S. - - - - 1915
Wiese, Margaret Helen, B.A. - - - - - - 1958
Wiese, Ralph Clayton, B.Sc. - - - - - - 1963
Wieser, Othmar Heinrich Jakob, B.A. - - - 1962
Wiesner, Clarence Jack, B.Sc. - - - - - 1935
Wigan, John Leonard Cleveland, B.E. - - - 1959
Wigan, Leonard James Cleveland, B.E. - - 1921
Wigg, Carolyn Ann, B.Arch. - - - - - - 1963
Wigg, David Ross, M.B., B.S. - - - - - 1960
Wigg, Hugh Higham, B.E. - - - - - - - 1960
Wigg, Neil Thornburn Melrose, M.B., B.S. 1925
Wigg, Philip Melrose, B.Ag.Sc. - - - - - 1960
Wigg, Ronald Melrose, M.E. (B.E., 1921) - 1945
Wigglesworth, Sidney Thomas, B.E. - - - 1959
Wight, Albert James, B.E. - - - - - - 1936
Wight, Albert Raymond, B.E. - - - - - 1914
Wight, Hillier Clement, B.E. - - - - - 1933
Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929) 1962
M.E. (B.E., 1930) - - - - - - - - 1937
Wight, Robert Lewis, M.B., B.S. - - - - 1963
Wighton, Dugald Craven, M.B., B.S. - - - 1953
Wighton, Helen Craven, B.A. - - - - - - 1938
Wighton (nee Blackburn), Rosemary Neville, B.A. - - - - - - - - - - - - 1945
Wigley, Tom Michael Lampe, B.Sc. - - - 1960
Wignall, Douglas Ronald, B.A. - - - - - 1948
Wilcher, Lewis Charles, B.A. - - - - - 1929
Wildy, Ralph Alderman, B.E. - - - - - 1938
Wildy, Robert Lister, B.Sc. - - - - - - 1963
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942) - - - - - - - - - - - 1951
Wilhelm, Leslie Robert, B.A. - - - - - 1963
Wilhelm, Walter Gerhard, B.E. - - - - - 1953
Wilkes, Alfred John, B.Sc. - - - - - - 1962
Wilkins, Alexander McGregor, B.Tech. - - 1964
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - 1948
Wilkins, Noel Aldridge, B.Ec. - - - - - 1958
Wilkins, Ray Eber, B.A. - - - - - - - 1948
Wilkinson, Charles Harold, B.Tech. - - - 1964
Wilkinson, Donald Cameron, B.A. - - - - 1952
Wilkinson, Eoin Howitt, M.A. (Chicago, 1960) - - - - - - - - - - - - 1962
Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953) 1958
Wilkinson, Harold Callan, B.E. - - - - - 1931
Wilkinson, Helen Rosemary, B.A. - - - - 1964
Wilkinson, Herbert John, B.A. - - - - - 1914
M.D. (Sydney, 1930) - - - - - - - - 1934
Wilkinson, Maxwell, B.Tech. - - - - - - 1962
Wilkinson, Philomena Mary, B.A. - - - - 1949
Wilkinson, Robert Stuart, M.B., B.S. - - - 1939
Wilkinson, Stewart Rex, B.A. - - - - - 1950
Wilkinson, Thomas Lancelot, B.Sc. - - - 1925
Wilksch, Betty Ruth, B.A. - - - - - - - 1949
Wilksch, John Charles, B.E. - - - - - - 1962
Wilksch, Lois Ruth, B.A. - - - - - - - 1960
Wilksch, Michael Vincent, B.Sc. - - - - - 1963
Willcocks, Robert Douglas, B.Sc. - - - - 1951
Williams, Alfred Francis James, LL.B. - - 1964
Williams, Arthur Charles, B.Sc. - - - - - 1950
Williams, Arthur Evan, M.B., B.S. - - - - 1914
Williams, Baden George, B.Ag.Sc. - - - - 1958
Williams, Bruce Rodda, M.A. - - - - - - 1944
Williams, Caroline Margaret, B.A. - - - - 1915
Williams, Christobel Mary, B.Sc. - - - - 1945
Williams, Colin Hale, M.Sc. (B.Sc., 1941) 1948
Williams, Darrell Andrew, B.Sc. - - - - - 1964
Williams, David Reginald Glyndwr, B.App.Sc. (B.Tech., 1959, surrendered) - 1961
Williams, Dawn Ellen, B.A. - - - - - - 1963
Williams, Donald Carter, B.A. - - - - - 1933
LL.B. - - - - - - - - - - - - 1935
Williams, Donald Newbery, B.D.S. - - - - 1954
Williams, Dorothy Theresia, B.A. - - - - 1935
Williams, Edith Dawn, B.A. - - - - - - 1961
Williams, Eirene Mary, B.A. - - - - - - 1907
Williams, Eric Hill, B.Ec. - - - - - - 1963
Williams, Foster Neil, B.Ec. - - - - - - 1962
Williams, Garth David, B.Sc. - - - - - - 1948
Williams, George Esson Keith, M.A. (B.A., 1937) - - - - - - - - - - - - 1947
Williams, George Mervyn, B.Sc. - - - - - 1953
Williams, Harold Richard Michael, LL.B. - 1953
Williams, Horton Clement, LL.B. - - - - 1956
Williams, Ian James, B.E. - - - - - - - 1961
Williams, Ian Russell, B.Tech. - - - - - 1963
Williams, Jennifer Elizabeth, B.A. - - - - 1961

Williams, Joan Beatrice, B.A. - - - - 1948
Williams, Kenneth Douglas, B.Ec. - - - 1955
Williams, Kevin Graham, B.Sc. - - - - 1958
Williams, Lindsay Hale, LL.B. - - - - 1945
Williams, Lyall Richard, B.Sc. - - - - 1961
Williams, Mabel Evangeline, M.A. (B.A., 1906) - - - - - - - - - - - - 1916
Williams, Martin John, M.B., B.S. - - - 1958
Williams, Michael, Ph.D. (Wales, 1960) - - 1961
Williams, Monica Houghton, M.Sc. (B.Sc., 1951) - - - - - - - - - - - - 1960
Williams, Owen Clarke, B.Ec. - - - - 1963
Williams, Philip Glenly, B.A. - - - - 1941
Williams, Philip Mark, B.E. - - - - - 1951
Williams, Ralph, B.Sc. - - - - - - - 1914
Williams, Raymond Clarence, B.Sc. - - - 1959
Williams, Robert Francis, D.Sc. (M.Sc., 1934) 1957
Williams, Roger John, B.Sc. - - - - - 1962
Williams (nee Hotten), Roma Olive, B.A. - 1941
Williams, Rona Lynette, B.A. - - - - 1960
Williams, Ronald John Chantler, B.A. - 1964
Williams, Rosemary, B.Sc. - - - - - - 1956
Williams, Roy Ernest, M.Sc. - - - - - 1953
Williams, Spencer, M.A. (B.A., 1927) - - 1930
Williams, Vivienne June, B.Sc. - - - - 1955
Williams, Walter Leslie, B.A. - - - - 1940
Williams, Winifred Teresa, M.B., B.S. - - 1963
Williams, Zena Vera, B.A. - - - - - - 1940
Williamson, Alan Arthur Martin, M.B., B.S. 1963
Williamson, Arthur Edward, B.E. - - - - 1953
Williamson, Benjaman Raymond, B.Tech. - 1959
Williamson, Catherine Patricia, B.A. - - - 1963
Williamson, David Aubrey, M.B., B.S. - - 1951
Williamson, Geoffrey Lea, B.Sc. - - - - 1956
Williamson, Hugh Angus, LL.B. - - - - B.A. - - - - - - - - - - - - - 1956
Willing, Charles Eric, M.B., B.S. - - - 1928
Willing, Richard Lyall, M.B., B.S. - - - 1954
Willington, Clayton Louis, M.B., B.S. - - 1955
Willington, John Mattinson, B.E. - - - 1951
Willington, Lloyd Stanley, B.A. - - - - 1950
Willis, John, B.A. (Melbourne) - - - - 1952
Willmott, Josiah Percival, B.Sc. - - - 1907
Willoughby, Donald Ross, B.Sc. - - - - 1960
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - - - - - - 1947
Willoughby, Roger George (Warden of the Senate), M.D.S. (B.D.S., 1938) - - - 1953
Wills, Caroline Marie Agnew, B.A. - - 1951
Wills, Lindsay Arthur, B.A. - - - - - 1953
Willsmore, Elsie Victoria, Mus.Bac. - - 1918
Willsmore, Hurtle Binks, B.Sc. - - - - 1916
Wilmshurst, Errol Glen, M.B., B.S. - - 1963
Wilmshurst, Maurice George, B.A. - - - 1934
Wilmshurst, Ronald Escott, B.Tech. - - 1961
Wilsdon, Geoffrey Frank, B.Tech. - - - 1959
Wilson, Allan Fraser, M.Sc. (B.Sc., 1944) - 1947
Wilson, Andrew Bray Cameron, LL.B. - - 1959
Wilson, Avis Jean, B.Sc. - - - - - - 1956
Wilson, Brenda Ruth, B.A. - - - - - - 1950
Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899) - - - - - - - - 1900
Wilson, Charles Graham, M.B., B.S. - - 1947
Wilson, Christopher John, B.E. - - - - 1961
Wilson, Colin Leslie, B.Sc. (Eng.) - - - 1944
Wilson, Dennis de Courcy, M.B., B.S. - - 1949
Wilson, Derek Finlay, LL.B. - - - - - 1936
Wilson, Doris May, B.A. - - - - - - - 1938
Wilson, Edward Peter, M.B., B.S. - - - 1951
Wilson, Geoffrey Palmer, B.Ec. - - - - 1958
Wilson, Gordon Samuel, B.Sc. (Eng.) - - 1944
Wilson, Helen Margaret, B.Sc. - - - - 1957
Wilson, Ian Bonython Cameron, LL.B. - - 1955
Wilson, Ian Stewart, Ph.D. (B.Sc., 1957) - 1963
Wilson, Jack Woodrow, B.Sc. - - - - 1936
Wilson, James Beith, B.A. - - - - - 1896
Wilson, John Grenell, M.B., B.S. - - - 1949
Wilson, John Stewart, M.B., B.S. - - - 1952
Wilson, Keith Cameron, LL.B. - - - - 1922
Wilson, Keith John, M.B., B.S. - - - - 1952
Wilson, Laurence Algernon, M.B., B.S. - 1918
Wilson, Laurence Leigh, M.B., B.S. - - - 1956
Wilson, Luther Ernest Crosby, B.Sc. - - M.A. - - - - - - - - - - - - 1926
Wilson, Maureen Norma, B.Sc. - - - - 1962
Wilson, Mollie Jean, LL.B. - - - - - 1935
Wilson, Murray James, B.Sc. - - - - 1964
Wilson, Nicholas Michael, B.A. - - - - 1955
Wilson, Patricia Margaret, B.Sc. - - - 1960
Wilson, Philippa Morag, B.A. - - - - - 1958
Wilson, Richard Thomas Clifford, B.Sc. - 1964
Wilson, Robert Bruce, B.Sc. - - - - - - 1950
Wilson, Robert Kevin, M.B., B.S. - - - 1937
Wilson, Roger Maxwell, LL.B. - - - - - 1962
Wilson, Trevor Gordon, Ph.D. (Oxford, 1959) 1960
Wilson, Valerie Joy, B.A. - - - - - - 1952
Wilson, William Fraser, B.Sc. - - - - - 1943
Wilton, David John, B.Tech. - - - - - 1963
Wilton, Donald Edward, B.Tech. - - - - 1959
Wilton, Dorothy Clyve, B.Sc. - - - - - 1940
Wilton, John Barrett, B.Sc. - - - - - - 1950
Wincey, Cynthia Weaver, B.Sc. - - - - - 1949
Winch, Kenneth Varley, B.E. - - - - - 1952
Windle, Doris Sophia, B.A. - - - - - - 1941
Winefield, Anthony Harold, Ph.D. (London, 1962) - - - - - - - - - - - - 1963
Winkler, Arthur Edmund, B.Sc. (Eng.) - - 1943
Winnall, Nancy Eleanor, B.Sc. - - - - - 1919
Winter, Beatrice Erwine, B.A. - - - - - 1955
Winter, Karl Berthold, M.B., B.S. - - - 1942
Winter, Robert John, B.Sc. - - - - - - 1964
Winter, William Graham, B.Sc. - - - - - 1938
Winton, Berna Kathleen, B.A. - - - - - 1953
Winton, Rodney James, B.Tech. - - - - - 1963
Winwood, William Weston, B.E. - - - - 1926
Winzor, Donald John, Ph.D. (B.Sc., 1956) - 1961
Wise, Peter Hermann, M.B., B.S. - - - - 1959
Wishart, Dean, B.Tech. - - - - - - - 1961
Wissell, Stewart Gordon, B.A. - - - - - 1949
Witsenhuysen, Alfred Louis, B.A. - - - - 1964
Witt, Erik Hans, B.E. - - - - - - - - 1929
Wittenoom, Robert Horne, M.B., B.S. - - 1954
Wittwer, Ivan Donald, B.A. - - - - - - 1951
Wohling, Theodore Charles, B.Tech. - - 1960
Woithe, William Henry, B.E. - - - - - 1936
Wolanski, Bohdan Stanislaus, B.Sc. - - - 1962
Wolcik (nee Rayson), Patricia, M.Sc. (B.Sc., 1950) - - - - - - - - - - - - 1959
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
Wong, Peter Chee Nam, M.B., B.S. - - - 1952
Wong, Kam Peng, B.Sc. - - - - - - - 1962
Wong, Kum Yew, B.E. - - - - - - - - 1962
Wood, Alistair Edward Rose, B.E. - - - 1954
Wood, Allen Edwin, B.A. - - - - - - 1944
Wood, Colin James, B.A. - - - - - - 1950
Wood, Florence Catherine, B.A. - - - - 1938
Wood, Henry Lambert, M.Sc. - - - - - 1941
Wood, Judith Ann, B.A. - - - - - - - 1950
Wood, Murray Bowering, M.B., B.S. - - - 1939
Wood, Philip Barclay, Mus.Bac. - - - - 1938
Wood, Rosemary Anne, B.A. - - - - - - 1955
Wood, William Kenneth, B.Ec. - - - - - 1964
Woodard, Charles Ernest, B.A. - - - - 1933
Woodard, Charles Garrard, LL.B. - - - 1952
Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952) - - - - - - - - - - - - 1954
Woodburn, John Arnold, B.E. - - - - - 1964
Woodgate, Elizabeth Ann, B.A. - - - - - 1960
Woodger, Gwenneth Godwin, LL.B. - - - 1941
Woodham, Barbara Elizabeth, B.A. - - - 1941
Woodhouse, Lawrence Ralph, B.Sc. - - - 1954
Woodhouse, Roy, LL.B. - - - - - - - 1950
Woodman, Stanley Kenneth, B.E. - - - - 1934
Woodroffe, Alice, B.Sc. - - - - - - - 1964
Woodroffe, Alison Elizabeth, B.A. - - - - 1962
Woodroffe, Keith, B.Ag.Sc. - - - - - - 1937
Woodroffe, Philip, B.A. - - - - - - - 1960
Woodroofe, Gwendolyn Marion, M.Sc. (B.Sc., 1940) - - - - - - - - - - - - 1944
Woodroofe, Kathleen, Ph.D. (M.A., 1948; B.A., 1940) - - - - - - - - - - - - 1962
Woodrow, Brian Douglas, B.Tech. - - - - 1960
Woodruff, Philip Scott, M.D. (Melbourne, 1939) - - - - - - - - - - - - - 1957
Woods, Arthur Frederick, M.B., B.S. - - - 1957
Woods, Charles William Griffin, M.B., B.S. 1939
Woods, Julian Gordon Tenison, LL.B. - - 1918
Woods, Nelly Hooper, M.A. (B.A., 1928) - - 1930
Woods, Richard Vynne, B.Sc. - - - - - 1947
Woods, Warren Bruce, B.A. - - - - - - 1958
Woodward, Barbara, B.A. - - - - - - - 1944
Woodward, Colin Holmes, B.E. - - - - - 1952
Woodward, Oliver Gordon, B.Sc. - - - - 1950

Woolcock, Ann Janet, M.B., B.S. - - - - 1961
Woolcock, Collin Elwyn, M.Sc. (B.Sc., 1936) 1945
Woolcock, Rosslyn James, M.B., B.S. - - 1927
Wooldridge, Alan Frank, B.Sc. - - - - 1947
Woolhouse, Harold William, Ph.D. (B.Sc., Reading, 1955) - - - - - - - - 1960
Woolhouse (nee Sherwood), Leonie Marie, B.Sc. - - - - - - - - - - - - 1958
Woolnough, Geoffrey Lawrence, B.E. - - 1929
Woolnough, Harold, B.A. - - - - - - 1906
Work, Kenneth Frank, B.Sc. - - - - - 1959
Worley, Donald Stuart, B.D.S. - - - - 1956
Worley, Grant Robert, B.Ec. - - - - 1964
Worley, Roderick Tom, B.Sc. - - - - 1963
Worsnop, Elsie Madeline, M.A. (B.A., 1907) 1913
Worthington, Charles Roy, Ph.D. (B.Sc., 1951) - - - - - - - - - - - - 1956
Worthley, Boyce Wilson, M.Sc. (B.Sc., 1939) 1944
B.A. - - - - - - - - - - - - - - 1941
Worthley, Sandra, B.Sc. - - - - - - - 1964
Worthley, Seymour Richard, M.Sc. (B.Sc., 1940) - - - - - - - - - - - - 1945
Wreford, Robert Simon, B.E. - - - - 1964
Wright, Angas Stanley, B.Sc. - - - - 1933
Wright, Anthony John, B.Sc. - - - - - 1961
Wright, Christine Mary, B.A. - - - - - 1962
Wright, Donald Ian, B.A. - - - - - - 1956
Wright, Edna May, B.A. - - - - - - - 1938
Wright, Frederick Kenneth, B.E. (B.Met.E., Melbourne, 1946) - - - - - - - - 1963
Wright, George Andrew, B.A. - - - - - 1954
Wright, Jillian Meredith, B.A. - - - - 1963
Wright, John Frederick, LL.B. - - - - 1953
Wright, Jonathan Courtney George, B.Ec. (B.Com., Melbourne, 1959) - - - - - 1962
Wright, Leslie McLean, LL.B. - - - - 1935
Wright, Lewis Garner, LL.B. - - - - 1891
Wright, Lyle Mason, B.Sc. - - - - - - 1956
Wright, Norman Harvey, B.A. - - - - 1927
Wright, Robert John, B.Sc. (Eng.) - - - 1949
Wright, Russell Francis, B.E. - - - - 1953
Wu, Ching Rhu, Christine, B.Sc. - - - 1963
Wullenweber, Bruno, M.B., B.S. - - - - 1964
Wurfel, Lois Jessie, M.B., B.S. - - - - 1955
Wurm, Bertram Eric, M.B., B.S. - - - - 1920
Wurm, John Sinclair, M.B., B.S. - - - 1960
Wurm, Roger Sinclair, M.B., B.S. - - - 1947
Wyatt, David Francis, B.A. - - - - - 1964
Wyett, Ernest Stanley, B.Ec. - - - - - 1961
Wylie, Donald Kingston, B.Tech. - - - - 1961
Wylie, John Richard, B.Sc. - - - - - - 1951
Wyllie, Geoffrey Gurner, M.B., B.S. - - 1946
Wyllie, Robert Gurner, M.B., B.S. - - - 1955
Wymond, Alonzo Pearse, M.Sc. (B.Sc., 1949) 1951
Wynes, William Anstey, LL.D. (LL.B., 1929) 1933
Wyness, David John, LL.B. - - - - - - 1962
Wyndham, Robert Alexander, B.Sc. (Sydney, 1934) - - - - - - - - - - - - 1938

Y

Yakhya, Mahmud Ukab, B.Ag.Sc. - - - 1952
Yandell, Maxwell Benjamin, B.Tech - - - 1958
Yap, Pak Khi, B.E. - - - - - - - - - 1961
Yap, Pak Leong, B.Ec. - - - - - - - - 1958
Yarwood, Ronald Thomas, B.App.Sc. - - 1964
Yates, Charles, M.B., B.S. - - - - - - 1964
Yates, Colin, B.E. - - - - - - - - - 1932
Yates, Dorothy Alma, B.Sc. (Queensland, 1924) - - - - - - - - - - - - - 1962
Yates, Lawrence Anthony, M.B., B.S. - - 1956
Yates, Neville Geoffrey, B.Ag.Sc. - - - - 1963
Yates, Percy Cocker, M.B., B.S. - - - - 1942
Yates, Reginald Colin, B.E. - - - - - 1937
Yates, Thomas Morey, M.B., B.S. - - - - 1952
Yates, Tom Owen Richard, M.B., B.S. (Sydney, 1945) - - - - - - - - - - 1955
Yeap, L'Bee, B.A. - - - - - - - - - 1962
Yeates, Barry Rupert, B.Tech. - - - - - 1958
Yeatman, Christopher William, B.Sc. - - 1951
Yeatman, John Charleton, M.B., B.S. - - 1938
Yelland, Geoffrey Playford, B.E. - - - 1955
Yelland, Joan Mary, B.A. - - - - - - - 1933
Yelland, Kathleen Norah, B.A. - - - - - 1951
Yeo, Sebastian, B.E. - - - - - - - - 1961
Yeomans, Frank Edward, B.Sc. - - - - - 1961
Yin, James Chu Kee, M.B., B.S. - - - - 1954
Yip, Shing-Gaye Andrew, B.D.S. - - - - 1960
Yong, Lin You, B.D.S. - - - - - - - - 1963
Yong, Swee Kee, B.Sc. - - - - - - - - 1964
Yoong, He Len Patricia, M.B., B.S. - - - 1960
Yoong, Hoi San, Elison, B.Sc. - - - - - 1963
Yoong, Meow Foo, M.B., B.S. - - - - - 1957
Young, Aileen, B.A. - - - - - - - - - 1952
Young, Anthony David, B.E. - - - - - - 1962
Young, Caroline Agnes, B.A. - - - - - 1949
Young, Christabel Marion, B.Sc. - - - - - 1960
Young, David Anderson, B.Tech. - - - - - 1963
Young, David Hastings, M.B. (Edinburgh) - 1894
Young, Donald Scott, B.E. - - - - - - 1929
Young, Dorothy Kate, B.A. - - - - - - 1937
Young, Howard Brandwood, B.Tech. - - 1960
Young, Ian Campbell, B.Ec. - - - - - - 1964
Young, James Fairbairn, M.B., B.S. - - - 1961
Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - - - - - - - - - - 1937
Young, Joan Margaret, B.A. - - - - - - 1964
Young, Josephine Helen, B.Sc. - - - - 1958
Young Kelvin Albert, B.Sc. (Eng.) - - - 1949
Young, Michael Quinn, B.Sc. - - - - - - 1940
B.E. - - - - - - - - - - - - - - 1945
M.B., B.S. - - - - - - - - - - - - - 1952
Young, Phillip John, B.Ag.Sc. - - - - 1947
Young, Richard Scott, B.Ag.Sc. - - - - 1959
Young, Sir Frederick William, LL.B. - - 1897
Younkman, Landau, B.Sc. - - - - - - - 1910
Yu Sheng Fong, M.B., B.S. - - - - - - 1958
Yu, Sheng-Wei, B.E. - - - - - - - - 1957
Yuen, Wai Mun, M.B., B.S. - - - - - - 1957
Yuill, George Ashwin, LL.B. - - - - - 1913
Yung, Richard Hin, M.B., B.S. - - - - 1960
Yung, Ying Chi, M.E. - - - - - - - - 1960

Z

Zacest, Rudolf, M.B., B.S. - - - - - - 1963
Zacharia, William Vassilie, M.B., B.S. - - 1956
°Zawistowska, Irena Teresa, M.B., B.S. - - 1963
Zdysiewicz, Jan Romuald, B.Sc. - - - - 1964
Zegebroks, Inara Maria, B.Sc. - - - - - 1964
Zegebroks, Raymond Erik, B.Tech. - - - 1959
Zelling, Howard Edgar, LL.B. - - - - 1938
Zeltins, Andris Ivars, B.E. - - - - - - 1959
Zeppel, Frank Robert, B.A. - - - - - - 1950
Ziegler, Desmond Murray, B.Tech. - - - 1961
Ziesing, George Murray, M.Sc. (B.Sc., 1950) 1952
Ziesing, Hugh David, B.E. - - - - - - 1959
Zimmet, Jacob, M.B., B.S. - - - - - - 1942
Zinnbauer, Alfred Freund, B.A. - - - - 1958
Zockel, Manfred, B.E. - - - - - - - 1962
Zoppa, Orietta Elisabeth, M.B., B.S. - - 1964
Zoratti, Alba Pierina, B.A. - - - - - 1945
Zwar, John Arnold, M.Ag.Sc. - - - - - 1952
Zweck, Coral Joan, B.A. - - - - - - - 1960
Zweck, John Everard, B.A. - - - - - - 1958
Zwillenberg, Hans Joachim, B.A. - - - - 1962
Zurauskas, Tadas Algirdas, B.Tech. - - - 1959

° Deceased.

LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

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

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

For previous Lists, see Calendars from 1918.

Alksnis, Ivars Janis, German I - - - - - 1959
Appleton, Joan Mary, History II (i) - - - - 1959
Atrens, Dace, German II (i) - - - - - - 1959
Aylmore, Neville Charles, German II (i) - - 1959
Chai, Hon-Chan, English Language and Literature II (ii) - - - - - - - - - 1959
Cheesman, Andrew Walford, History II (ii) - 1959
Curnow, Ellen Isabel, History II (i) - - - 1959
Elliott, Jennifer Anne, English Language and Literature II (ii) - - - - - - - - - 1959
Fletcher, Enid Lilian, Geography II (ii) - - 1959
Kersten, Lee Irving, German I - - - - - 1959
Kulasingham, Lynn, Politics III - - - - - 1959
Lawrence, Margaret Evelyn, Economics I - - 1959
Lloyd, Joycelyn Marie, Politics II (ii) - - - 1959
Lokan, Frances Anne, German II (i) - - - - 1959
McGee, Skaidrite, German II (ii) - - - - - 1959
Manuel, Deane James Hubert, B.Ec., English Language and Literature II (i) - - - - - 1959
Mayfield, Philip, History II (i) - - - - - 1959
Medlin, Brian Herbert, Philosophy I - - - - 1959
O'Grady, Helen Patricia, English Language and Literature I - - - - - - - - - 1959
Playford, John Drysdale, History II (i) - - - 1959
Saunders, Graham Edward, History II (i) - - 1959
Warner, John Raymond, History II (i) - - - 1959
Atkinson, Leon Desmond, History I - - - - 1960
Bruer, Michael Jeffrey Gartrell, German II (i) 1960
Cashmore, Gillian Frances, English Language and Literature II (ii) - - - - - - - - 1960
Chant, Barry Mostyn, English Language and Literature II (ii) - - - - - - - - - 1960
Depasquale, Paul, English Language and Literature II (i) - - - - - - - - - - 1960
Deutscher, Maxwell John, B.A., Philosophy I 1960
Gavelis, Antanas, German II (i) - - - - - 1960
Gibbs, Ronald Malcolm, History II (i) - - - 1960
Gibson, Patricia Mary, History II (i) - - - 1960
Goldsworthy, David John, Politics I - - - - 1960
Herman, Eugene, French II (i) - - - - - 1960
Hocking, Brian Dominic Windsor, German I 1960
Holdich, John Rodger, Politics II (i) - - - - 1960
Hyslop, Alexander, English Language and Literature II (i) - - - - - - - - - - 1960
Lloyd, Elizabeth Ann, French II (ii) - - - 1960
Lucas, Diane Mary, French II (i) - - - - 1960
McCulloch, Deborah Jane, English Language and Literature II (ii) - - - - - - - - 1960
McCurdy, Brian, English Language and Literature II (ii) - - - - - - - - - 1960
Nettlebeck, Colin William, French I - - - - 1960
Pelz, Ines Charlotte, Geography III - - - - 1960
Peter, Phyllis Grace, History I - - - - - 1960
Robertson, Janet Marian, History II (i) - - 1960
Snowden, Janette Daphne, B.A., Geography II (ii) - - - - - - - - - - - - - 1960
Thomas, Jennifer Mary, History II (ii) - - - 1960
Turner, Elizabeth Rosemary, German II (i) - 1960
Ware, Dorothy Alice, Geography II (i) - - - 1960
Welsh, James Oglesby, B.A., History II (i) - 1960
Woodroffe, Philip, French and Psychology II (i) - - - - - - - - - - - - - 1960
Beer, Donald Robert, History II (i) - - - - 1961
Best, Michael Robert, English II (i) - - - - 1961
Bettison, Irvine James, History II (i) - - - 1961
Bickerton, Ian James, History II (i) - - - - 1961
Chinner, Christine Elizabeth, History II (ii) 1961
Cockburn, Jeanette Minna, English II (ii) - - 1961
Connole, Patricia Ann, French III - - - - - 1961
Dragovich, Deirdre Janette, Geography I - - 1961
Gerken, Rosemarie, German II (i) - - - - - 1961
Gibbes, Geraldine Margaret (nee Wilson), Psychology II (ii) - - - - - - - - - 1961
Harmstorf, Ian Arnold, History II (ii) - - - 1961
Hartwig, Mervyn Carl, History I - - - - - 1961
Hebart, Hans Friedemann, German I - - - - 1961
John, Ian David, Psychology II (i) - - - - 1961
Luke, Eleanor Ann, English II (i) - - - - - 1961
McNally, Marie Carmel, English I - - - - - 1961
May, Ernest John, Latin II (i) - - - - - - 1961
Mellowship, John Haslet, History III - - - - 1961
Pettit, Janet Ann, English II (i) - - - - - 1961
Ratz, Alfred Egon, German I - - - - - - 1961
Redpath, Lynda Rosamond, Psychology II (ii) 1961
Rooney, Meredith Jean, History I - - - - - 1961
Swanbury, Peter Vernon, Psychology III - - - 1961
Vilkins, Alberts, History III - - - - - - - 1961
Vnuk, Frantisek, B.A., B.Sc., History II (i) - 1961
Wagstaff, Rosemary, French II (i) - - - - - 1961
Walker, Alan Philip, History II (i) - - - - 1961
West, Patricia Joan, English II (i) - - - - 1961
Baynes, William Hendrie, B.A., History III - 1962
Bartley, Helen Louise, Psychology II (ii) - 1962
Bennett, Gregory William, Mathematics I - 1962
Binks, Jennifer Ann, English II (i) - - - - 1962
Boomer, Robert Garth, English II (ii) - - - 1962
Burnard, Sally Margaret, History II (i) - - - 1962
Bury, Carol Rosemary, English II (ii) - - - 1962
Buxton, Gordon Leslie, History I - - - - - 1962
Close, Susan Elizabeth, History II (i) - - - 1962
Day, Jennifer Ann, German II (i) - - - - - 1962
Dunstan, Gretel, Economics II (i) - - - - - 1962
Edgar, Peter Lindsay, History II (i) - - - - 1962
Fennell, Trevor Garth, French I - - - - - 1962
Godwin, Suzanne, History II (i) - - - - - 1962
Gribble, Cynthia May, German II (ii) - - - - 1962
Heuzenroeder, John Mathwin, English II (i) 1962
Holt, Betsy Stamford, English II (i) - - - - 1962
Jenkin, Robert Haydon, History II (i) - - - 1962
Kukurs, Ilona, B.A., Psychology II (ii) - - - 1962
Manhood, Cleve Charles, History II (ii) - - - 1962
Manser, William Lloyd, History II (ii) - - - 1962
Pukitis, Ilze, French II (i) - - - - - - - 1962
Reid, Bruce James, French II (i) - - - - - 1962
Rendell, Anthony Alan, History II (i) - - - 1962
Schubert, Jane Helen, French II (ii) - - - - 1962
Strods, Inta Maria, History II (ii) - - - - 1962
Barter, Janet Elizabeth, German II (i) - - - 1963
Burger, Geoffrey John, History II (i) - - - 1963
Coin, Susan Mary, French II (i) - - - - - 1963
Corbin, Elizabeth Mary, Geography II (i) - - 1963
Daniels, Verna Kay, History II (i) - - - - 1963
Dobberstein, Fred Helmut, German II (i) - - 1963
Findlay, Marjorie Clifford, Politics II (ii) - 1963
Fryer, Beverley Anne, English II (i) - - - - 1963
Ganzis, Nicholas, History II (i) - - - - - - 1963
Gibson, John Keith, B.A., Mathematics I - - 1963
Haydon, Anthony Peter, B.A., History I - - - 1963
Horgan, Lillian Veronica, English II (i) - - - 1963
Jolly, Meryl Ann, English II (ii) - - - - - 1963
Kennett, Maureen Patricia, History I - - - - 1963
Kimber, Gillian, B.A., Philosophy I - - - - 1963
Liew, Tack Wan, B.A., Politics II (ii) - - - - 1963
McCulloch, Karla Elizabeth, History II (i) - 1963
McDermid, Neil Harvey, German III - - - - 1963
Mills, John Scott, B.E., Philosophy I - - - - 1963
Mitton, Madge Winifred, English II (i) - - - 1963
Morrison, Anna Stirling, English II (ii) - - - 1963
Morton, Julia, History II (ii) - - - - - - 1963
Paul, Peter, German II (i) - - - - - - - 1963
Philpott, Jennifer Mary, Geography II (i) - - 1963
Richardson, Alan James, Psychology II (i) - 1963
Roe, Jillian Isobel, History II (i) - - - - - 1963
Rosenberg, Leopold Henry, History II (i) - 1963
Smith, Robert Frederick Ingram, Politics II (i) 1963
Stoll, Dorothee Friederike, Latin II (i) - - 1963
Tidemann, Margaret Beryl, English I - - - 1963
Vanderhoek, Gilah Chaja, Mathematics III - 1963
Walker, Graham Thomas, Geography II (i) - 1963
Walker, Jillianne Mary, French II (ii) - - - 1963
Wearing, Alexander James, Psychology II (i) - 1963
Wilhelm, Leslie Robert, Latin I - - - - - - 1963
Williams, Dawn Ellen, French II (i) - - - - 1963

Ashenden, Dean John, History II (ii) - - 1964
Bettison, Suzanne, Psychology II (ii) - - 1964
Black, Ian Donald, History II (i) - - - 1964
Brinkworth, Peter Charles, Mathematics II (i) 1964
Buesing, Kuno Wilhelm Nicolaus, German III 1964
Chapman, Ann, English II (ii) - - - - 1964
Clay, John Howard, English II (ii) - - - 1964
Clunies-Ross, Bruce Axel, English II (i) - - 1964
Coxon, Patricia Magdalen, Latin I - - - 1964
Craig, Jennifer Stewart, History II (ii) - - 1964
de Vries, Gertrude Dorothy, History II (ii) - 1964
Ellis, Roger Melville, English I - - - - 1964
Finch, Janette Helen, B.A., English III - - 1964
Garbett, Meredith Stewart, B.A., Geography II (ii) - - - - - - - - - - - - - 1964
Griffiths, Anthony Royston Grant, History II (i) - - - - - - - - - - - - - - 1964
Hauser, Michael, English II (ii) - - - - 1964
Hawker, Geoffrey Nelson, History II (i) - - 1964
Henning, Graydon Read, B.Ec., History II (ii) 1964
Hinckfuss, Ian Charles, B.Sc. (Q'ld.). Philosophy I - - - - - - - - - - - - - 1964
Hirst, John Bradley, B.A., History II (i) - - 1964
Holloway, Irene Isabel, Psychology II (i) - 1964
Horne, David James de Lancy, Psychology II (ii) - - - - - - - - - - - - - - 1964
Jaques, Winnifred Ruth Christine, History I 1964
Leonard, Roger Ashley, History I - - - - 1964
Lucas, Carolyn, History II (ii) - - - - - 1964
Mayo, John, B.A., History II (i) - - - - - 1964
McDougall, Jennifer Mary, French I - - - - 1964
McKie, Ian William, French II (i) - - - - 1964
McNicol, Donald, Psychology I - - - - - 1964
Mitchell, Adrian Christopher William, B.A., English II (i) - - - - - - - - - - - 1964
Nancarrow, Judith, History II (ii) - - - - 1964
Pearson, Anne Keeler, Mathematics I - - - 1964
Pearson, Kenneth Robert, Mathematics I - 1964
Quartly, Marian, History II (i) - - - - - 1964
Ramsay, Janet Kay, History I - - - - - 1964
Roose, Willem Adriaan, German II (i) - - 1964
Rutter, Wendy Lorraine, English II (ii) - 1964
Schlick, Werner Josef, German I - - - - - 1964
Strickland, Andrew James, History II (i) - - 1964
Tilby, Jenis Marie, History II (i) - - - - 1964
Tiver, Peter Graham, B.A., Politics I - - 1964
Tsounis, Michael Peter, History II (ii) - - 1964
Tuncks, Valerie Christine, English II (ii) - 1964
Walsh, Valerie Mary, English II (i) - - - 1964
Wells, Judith Helen, History II (i) - - 1964
Wyatt, David Francis, English II (i) - - 1964

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

For previous Lists, see Calendars from 1959.

Lithgow, John Neville, B.Ec., IIA - - - - 1959
Terrell, Richard Deane, B.Ec., I - - - - - 1959
Hicks, Ronald Pettinger, B.Ec. IIB - - - 1961
Peirson, Clive Graham, B.Ec., IIB - - - 1961
Scarman, Ian Edwin, B.Ec., IIA - - - - 1961
Sherwin, Rolf Morton, B.Ec., IIB - - - - 1961
Allen, Kenneth Craig, B.Ec., IIB - - - - 1962
Blandy, Richard John, B.Ec., I - - - - - 1962
Codd, Michael Henry, B.Ec., IIA - - - - 1962
Henderson, James Young, B.Ec., I - - - - 1962
Rechner, Russell Jay, B.Ec., IIA - - - - 1962
Sarah, Neil, B.Ec., I - - - - - - - - 1962
Semler, Janet Claire, B.Ec., I - - - - - - 1962
Davis, Robert William, IIA - - - - - - - 1963
Griffiths, Peter Royston, B.Ec., IIB - - - 1963
Henderson, Murray Scott, B.Ec., IIA - - - 1963
Cook, Peter Sydney, III - - - - - - - 1964
Dahlberg, Dane Louis, IIA - - - - - - 1964
Flew, Robert John, IIB - - - - - - - - 1964
Leane, Peter Alan, B.Ec., IIA - - - - - - 1964
Pflaum, Peter Theo, IIA - - - - - - - 1964

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

For previous Lists, see Calendars from 1918.

Au-Yong, Moh Cheng, Shirley, B.Sc., Bacteriology I - - - - - - - - - - - - - - 1959
Buxton, John Balfour, B.Sc., Mathematics IIA 1959
Chick, Malcolm, B.Sc., Biochemistry IIA - 1959
Darskus, Rolf Ludwig, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1959
Dickson, Ronald Stanley, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1959
Fielder, Donald Raymond, B.Sc., Zoology IIA 1959
Goddard, Peter Norman Lighton, Mathematics I - - - - - - - - - - - - - - - 1959
Hearn, Anthony Clem, B.Sc., Mathematics I - 1959
Huang, Su-Eng, B.Sc., Organic Chemistry I 1959
Katekar, Gerard Frederick, B.Sc., Organic Chemistry I - - - - - - - - - - - 1959
Lane, John Edgar, Physical and Inorganic Chemistry I - - - - - - - - - - - - - 1959
Lang, Graham Bruce, B.Sc., Physics IIA - 1959
Low, Beng See, B.Sc., Organic Chemistry I - 1959
Nilsson, Carl Sigurd, B.Sc., Physics I - - 1959
Patterson, John Howard, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1959
Pullman, Brian James, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1959
Reinfelds, Juris, B.Sc., Mathematical Physics IIA - - - - - - - - - - - - - - 1959
Rochow, Keith Arnold, B.Sc., Geology IIA - 1959
Sallis, John Dalwood, B.Sc., Biochemistry IIA 1959
Sherwood, Leonie Marie, B.Sc., Botany IIA - 1959
Stearne, John McKenzie, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1959
Weigold, Erich, B.Sc., Physics I - - - - 1959
Whittle, Christopher Playford, B.Sc., Organic Chemistry I - - - - - - - - - - - 1959
Williams, Kevin Graham, B.Sc., Physics I - 1959
Ayres, Dean Esmond, B.Sc., Geology IIA - - 1960
Brooks, Colin Charles, B.Sc., Geology IIA - 1960
Burley, Simon Peter, B.Sc., Physics IIA - - 1960
Cheah, Dolly, B.Sc., Physiology IIA - - - 1960
Chuah, Kim Leong, B.Sc., Mathematical Physics IIA - - - - - - - - - - - 1960
Colvill, Anthony John Ernest, B.Sc., Physical and Inorganic Chemistry IIA - - - - 1960
Dalgarno, Charles Robert, B.Sc., Geology IIA 1960
Eggleton, Richard Anthony, B.Sc., Geology I 1960
Francis, Robert John, B.Sc., Physics IIB - - 1960
Haslam, Christopher Osborne, B.Sc., Geology IIA - - - - - - - - - - - - - - 1960
Hedger, Joy West, B.Sc., Physical and Inorganic Chemistry IIA - - - - - - - 1960
Jackson, Graham Douglas Fischer, B.Sc., Organic Chemistry IIA - - - - - - - 1960
Jory, Rodney Leonard, B.Sc., Physics IIA - 1960
Liljegren, David Roland, B.Sc., Organic Chemistry I - - - - - - - - - - - 1960
Lim, Khaik Leang, B.Sc., Mathematical Physics I - - - - - - - - - - - - 1960
Matthews, Brian Wesley, B.Sc., Physics I - 1960
Mason, Edith Kathleen Lillian, B.Sc., Physiology IIB - - - - - - - - - - - - - 1960
Mills, Kingsley John, B.Sc., Geology I - - 1960
Mitchell, Ian Vaughan, B.Sc., Physics IIA - 1960
Mitchell, Peter, B.Sc., Physics I - - - - 1960
Muecke, Peter Sunter, B.Sc., Biochemistry IIA 1960
Oliphant, Michael John, B.Sc., Physics IIB - 1960
Schodde, Richard, B.Sc., Botany IIA - - - 1960
Schultz, Peter Kasimir, B.Sc., Physical and Inorganic Chemistry IIA - - - - - - - 1960
Slee, Walter Vernon, B.Sc., Physics I - - 1960
Smyth, Michael Ewers Bayne, Zoology I - 1960
Stone, Brian James, B.Sc., Physics IIB - - 1960
Storer, Robin George, B.Sc., Mathematical Physics I - - - - - - - - - - - 1960
Symons, Geoffrey David, B.Sc., Physics I - 1960
Vitolins, Maija Irena, B.Sc., Bacteriology I - 1960
Webber, Brian John, B.Sc., Physics I - - 1960
Wells, Gregory Samuel, B.Sc., Mathematics I 1960
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
Huppatz, 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
Szekeres, 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
Anthoney, 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.Ss., 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
Golley, Malcolm George, B.Sc., Physics IIA 1963
Graetz, Rodney Dean, B.Sc., Botany IIA 1963
Guy, Robert William, B.Sc., Organic hemistry IIA 1963

Haddad, Gerald Neil, B.Sc., Physics I - - 1963
Harris, John Alfred, B.Sc., Zoology IIA - 1963
Hartwig, Robert Eduard, B.Sc., Mathematics I 1963
Heron, Ian Craig, B.Sc., Mathematics I - - 1963
Hooper, Andrew Wesley, B.Sc., Physics I - 1963
Jakab, Miklos Laszlo, B.Sc., Organic Chemistry IIB - - - - - - - - - - - - 1963
Leslie, Warren Canmore, B.Sc., Geology IIA 1963
McAnaney, Janette, B.Sc., Organic Chemistry IIA - - - - - - - - - - - - - 1963
Martin, Terence Edwin, B.Sc., Biochemistry I 1963
Mathews, John Hugh, B.Sc., Physics IIA - 1963
Mills, Kenneth William, B.Sc., Mathematics I 1963
Morrissy, Noel Michael, B.Sc., Zoology IIA - 1963
Mulcahy, Dennis Estcourt, B.Sc., Physical and Inorganic Chemistry I - - - - - - 1963
Pahl, Peter John, B.Sc., Mathematics IIA - 1963
Patterson, John Rayden, B.Sc., Physics IIA - 1963
Paul, David Brenton, B.Sc., Organic Chemistry I - - - - - - - - - - - - - 1963
Pederson, David Georges, B.Sc., Genetics IIA 1963
Robinson, Warwick Bruce, B.Sc., Geology IIA 1963
Slade, Phillip Garland, B.Sc., Geology I - 1963
Smith, Grahame John Cooper, B.Sc., Zoology IIA - - - - - - - - - - - - - 1963
Thomas, Lindsay, B.Sc., Physics IIA - - - 1963
Tindale, John, B.Sc., Mathematics IIA - - 1963
Webster, Betty Louise, B.Sc., Physics IIA - 1963
Wege, Dieter, B.Sc., Organic Chemistry I - 1963
Wells, Kathleen Margaret, B.Sc., Microbiology IIB - - - - - - - - - - - - 1963
Wolanski, Bohdan Stanislaus, B.Sc., Microbiology IIB - - - - - - - - - - - 1963
Wong, Kam Peng, B.Sc., Botany IIB - - - 1963
Acott, Brenton, B.Sc., Organic Chemistry I - 1964
Anderson, Ian Robert, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1964
Andrews, Anthony John, B.Sc., Mathematics IIA - - - - - - - - - - - - 1964
Baldock, Robert Neil, B.Sc., Botany I - - 1964
Barrow, Kevin David, B.Sc., Organic Chemistry I - - - - - - - - - - - - 1964
Bartusek, Karel, B.Sc., Physics IIA - - - 1964
Bennett, Brian Thomas, B.Sc., Mathematics I 1964
Biezaitis, Laima Asja, B.Sc., Microbiology IIA 1964
Bishop, Robert Raymond, B.Sc., Mathematical Physics I - - - - - - - - - - - 1964
Blackman, Betty Grace, B.Sc., Physics I - 1964
Brooker, John Owen, B.Sc., Mathematics IIB 1964
Burtmanis, Egils, B.Sc., Mathematical Physics IIA - - - - - - - - - - - - 1964
Cawthron, Edward Robert, B.Sc., Physics I 1964
Cheong, Choong Kong, B.Sc., Mathematics I 1964
Chye, Toh Cheong, B.Sc., Mathematics IIB 1964
Clark, Meredith Joan, B.Sc., Zoology I - - 1964
Correll, Raymond Leaty, B.Sc., Botany IIA - 1964
Culshaw, Eveleen Anne, B.Sc., Microbiology IIB - - - - - - - - - - - - - 1964
Cutten, Dean Robert, B.Sc., Physics I - - 1964
Dainis, Ivars, B.Sc., Organic Chemistry I - - 1964
Davis, Ronald Lindsay, B.Sc., Physics IIB - 1964
Dingle, Roderick Edward, B.Sc., Physics IIA 1964
Doyle, Elizabeth Margaret, B.Sc., Physics I 1964
Drew, John Francis, B.Sc., Physics IIB - - 1964
Easton, Alan Keith, B.Sc., Mathematics IIA - 1964
Edwards, John Brian, B.Sc., Biochemistry IIA 1964
Gambling, David John, B.Sc., Physics IIA - 1964
George, Robin John, B.Sc., Geology I - - 1964
Gersch, Nerida Fay, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1964
Harries, John Robathan, B.Sc., Physics I - 1964
Hodson, Allin Charles, B.Sc., Zoology IIA - 1964
Hogarth, Rosamond Elizabeth Goldney, B.Sc., Physical and Inorganic Chemistry IIA - 1964
Hooper, Juan Frederick, B.Sc., Organic Chemistry IIA - - - - - - - - - - 1964
Khoo, Phon Sai, B.Sc., Mathematics IIA - 1964
Kirk, Alexander Charles, B.Sc., Geology I - 1964
Knapman, Jeffrey Warren, B.Sc., Mathematics IIA - - - - - - - - - - - - - 1964
Lim, Cheng-Sang, B.Sc., Organic Chemistry IIB - - - - - - - - - - - - - 1964
Lindner, John Alan, B.Sc., Organic Chemistry IIA - - - - - - - - - - - - - 1964
Marshall, Jennifer Ann, B.Sc., Genetics I - 1964
Millard, Diane Lesley, B.Sc., Botany I - - 1964
Mills, Richard Andrew, B.Sc., Physical and Inorganic Chemistry I - - - - - - 1964
Milne, Geoffrey Maxwell, B.Sc., Mathematical Physics IIA - - - - - - - - - - 1964
Mountford, Graham Charles, Mathematical Physics IIA - - - - - - - - - - - 1964
Ooi, Eam Beng, B.Sc., Mathematics IIB - - 1964
Osman, Muhammed Abdul Ghaffar, B.Sc., (Lond.), Organic Chemistry IIA - - - - 1964
Parsons, Peter Gordon, B.Sc., Organic Chemistry IIA - - - - - - - - - - - 1964
Pedler, Pender James, B.Sc., Mathematics I 1964
Piddington, Robert William, B.Sc., Zoology IIA - - - - - - - - - - - - - 1964
Proske, Uwe, B.Sc., Zoology IIA - - - - 1964
Remeljej, Wolfgang Werner, B.Sc., Physical and Inorganic Chemistry IIA - - - - 1964
Seneta, Eugene, B.Sc., Mathematics I - - - 1964
Stevens, Alice Cereddwyn, B.Sc., Mathematics IIB - - - - - - - - - - - - 1964
Symonds, Phillip Jeffrey, B.Sc., Mathematical Physics IIA - - - - - - - - - - 1964
Tanzer, Christian Ignatius, B.Sc., Organic Chemistry I - - - - - - - - - - - 1964
Thompson, Glen Raymond, Mathematics IIA 1964
Tomlin, John Anthony, B.Sc., Mathematics IIA - - - - - - - - - - - - - 1964
Tye, Wan Pin, B.Sc., Mathematics IIA - 1964
van Bronswyk, Wilhelm, B.Sc., Physical and Inorganic Chemistry I - - - - - - - 1964
Vitols, Baiba, B.Sc., Mathematics IIB - - 1964
Wade, Keith Oliver, B.Sc., Organic Chemistry IIA - - - - - - - - - - - - 1964
Walter, Bryan Robert, B.Sc., Physics IIB - - 1964
Weaver, Helen Christine, B.Sc., Microbiology IIA - - - - - - - - - - - - - 1964
Wildy, Robert Lister, B.Sc., Geology IIA - 1964
Wilksch, Michael Vincent, B.Sc., Physics IIB 1964
Worley, Roderick Tom, B.Sc., Mathematics I 1964
Wu, Ching Rhu, Christine, B.Sc., Organic Chemistry IIA - - - - - - - - - - 1964

HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

Dean, Harry Michael, Physiology I - - - 1960
Gabb, Bronte Winston, Genetics I - - - - 1961
Hopcroft, Stanley Cecil, Pharmacology IIB - 1961
Miller, Colin David John, General Pathology IIA - - - - - - - - - - - - - 1961
Muller, Hans Konrad, General Pathology IIA 1961
Favilla, Ian, Biochemistry IIB - - - - - - 1962
Harding, Philip Ernest, Physiology IIA - - 1962
Johnson, Nicholas, Biochemistry IIB - - - 1962
Perriam, Donald John, Genetics IIB - - - 1962
Roman, Desmond, Physiology IIA - - - - 1962
Black, Andrew Barham, General Pathology IIA - - - - - - - - - - - - - 1963
Fotheringhan, Brian James, Physiology IIA - 1963
Meyer, Carl Hugh Alexander, Anatomy IIA - 1963
Reilly, Peter Lawrence, Physiology IIA - - 1963
Thomas, David Westwood, Physiology IIA - 1963
Van Dongen, Robert, Anatomy I - - - - 1963
Wahlquist, Mark Lawrence, Physiology IIA - 1963
McCarthy, Peter Justin, Biochemistry IIA - 1964

HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY

Blanden, Robert Vincent, B.D.S. IIA - - - 1962
Waterson, John Gabriel, B.D.S. IIA - - - 1963
Wei, Hon Yin, Stephen, B.D.S. IIA - - - 1963

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Chan, Chee Wah, Civil II - - - - - - 1959
Dawson, Anthony James, Civil I - - - - 1959
Downer, John William, Civil II - - - - 1959
Field, Graham John, B.E., Metallurgical and Chemical I - - - - - - - - - - 1959
Fong, Yeng Soh, Civil II - - - - - - 1959

Gates, Malcolm John, Electrical I - - - - 1959
Haskard, Malcolm Rosswyn, Electrical I - - 1959
Hercus, Robert William, Mechanical I - - 1959
Hoepner, Robert John, Mechanical I - - - 1959
Kelly, Robert John, Metallurgical and Chemical I - - - - - - - - - - - 1959
Kennedy, Michael Brian, Electrical I - - 1959
Khor, Teik Hean, Michael, Electrical II - - 1959
Northcote, Geoffrey Graham, Mining I - - 1959
Oh, Kong Yew, Civil I - - - - - - - - 1959
Robinson, Michael Laurence, Mechanical I - 1959
Sag, Andrew Gabriel, Mechanical I - - - 1959
Schmid, Laurence John, Civil I - - - - - 1959
Schwartz, Barry Watler, Civil I - - - - 1959
Slee, Graham Haughton, Mechanical II - - 1959
Tam, Chat Tim, Civil II - - - - - - - 1959
Toh, Kim Thye, Civil I - - - - - - - - 1959
Wiggleworth, Sidney Thomas, Mechanical II - 1959
Biggins, George Edward, Electrical II - - 1960
Bishop, Michael Marriott, Mechanical I - - 1960
Brooks, Bruce Allen, Civil II - - - - - - 1960
Clegg, Michael John, Metallurgical and Chemical II - - - - - - - - - - 1960
Cox, John Baxter, Civil I - - - - - - - 1960
Davis, Bruce Raymond, Electrical I - - - 1960
Dunn, Melville Desmond, Mechanical II - 1960
Gottschall, Martin, Mechanical I - - - - 1960
Johns, Rodger Norman, Civil I - - - - 1960
Jorgensen, Francis Richard Arthur, Metallurgical and Chemical I - - - - - - 1960
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
Roach, John Robert, Metallurgical and Chemical II - - - - - - - - - - 1960
Silver, Graham Bindley, Electrical II - - 1960
Symons, Frederick John Walter, Electrical I 1960
Temby, Allen Christopher, Electrical I - - 1960
The, Gregorius Maria Swie Siong, Electrical I 1960
Weller, Keith Russell, Metallurgical and Chemical I - - - - - - - - - - 1960
Wigg, Hugh Higham, Electrical II - - - 1960
Andrews, Francis Brian, Electrical II - - 1961
Ball, John Minchin, Metallurgical and Chemical II - - - - - - - - - - - - 1961
Bamford, Robert Leslie, Mechanical II - - 1961
Beacham, Kenneth William, Electrical II - 1961
Cameron, Robert Alastair, Metallurgical and Chemical I - - - - - - - - - - 1961
Chong, Chow Pang, Mechanical II - - - 1961
Clayton, Peter Scott, Metallurgical and Chemical II - - - - - - - - - - 1961
Hart, John Austin, Metallurgical and Chemical II - - - - - - - - - - - 1961
Hawryszkiewycz, Igor Titus, Electrical I - - 1961
Howe-Piening, Robert, Civil II - - - - - 1961
Inglis, Geoffrey Russell, Mechanical I - - - 1961
Jones, Trevor Robert, Civil II - - - - - 1961
Kelly, Bryan Llewellyn, Metallurgical and Chemical I - - - - - - - - - - 1961
Lee, Yee Cheong, Electrical I - - - - 1961
McKay, Brian John, Electrical II - - - - 1961
Miller, Michael Joseph, Electrical II - - - 1961
Miller, Roland John, Mechanical II - - - 1961
Mullan, Barry James, Electrical II - - - 1961
Potter, Robert James, Electrical I - - - - 1961
Read, Anthony Llewellyn, Civil I - - - - 1961
Rimmer, David Barry, Civil I - - - - - 1961
Scales, Peter James, Civil I - - - - - 1961
Schroeder, Harold, Civil I - - - - - - 1961
Shepherd, Kenneth John, Civil II - - - - 1961
Sim, Cheok Lim, Civil I - - - - - - - 1961
Truscott, Edward Glen, Civil I - - - - - 1961
Wallace, Peter Richard, Electrical II - - 1961
Wilson, Christopher John, Mechanical II - - 1961
Bishop, Peter Joseph, Metallurgical and Chemical IIA - - - - - - - - - - 1962
Choong, Thong Cheong, Mechanical IIB - - 1962
Collins, David Anthony, Metallurgical and Chemical IIB - - - - - - - - - - 1962
Colliver, Anthony David, Mechanical I - - 1962
Culley, Murdoch, Mechanical IIA - - - - 1962
Foot, Colin John, Mechanical IIB - - - 1962
Frick, Anthony James, Civil I - - - - - - 1962
Gunaratnam, Daniel, Civil I - - - - - - 1962
Hale, Malcolm Robert, Mechanical I - - 1962
Haskard, Donald Leith, Electrical I - - - 1962
Hoh, Kiang Hoy, Civil IIA - - - - - 1962
Jansen, Geoffrey Clive, Mechanical I - - - 1962
McIntosh, Andrew Locheil, Mechanical IIB - 1962
Ooi, Boon Teck, Electrical I - - - - - - 1962
Pascoe, Timothy Lawrence, Civil I - - - 1962
Phillips, John Townley, Civil I - - - - - 1962
Robinson, Philip Arthur, Mechanical I - - 1962
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 Nicholay, Electrical I - - 1962
Vu, The Bao, Electrical I - - - - - - - 1962
Zockel, Manfred, Mechanical I - - - - - - 1962
Adams, Jeremy Sorby, Metallurgical and Chemical I - - - - - - - - - - - 1963
Blandy, Charles William Douglas, Metallurgical and Chemical IIB - - - - - - - - 1963
Carmichael, Keith Ernest, Metallurgical and Chemical I - - - - - - - - - - - 1963
Collier, Alan William Gordon, Metallurgical and Chemical IIB - - - - - - - - - 1963
Cooper, Dennis Neil, Electrical Engineering I 1963
Flower, Ian Cameron, Mechanical I - - - 1963
Fryer, Colin, Metallurgical and Chemical I - 1963
Haddow, Ian Hamilton, Metallurgical and Chemical IIB - - - - - - - - - - 1963
Lorenz, Ross, Metallurgical and Chemical IIA 1963
Maitland, Ian Boyd Gibb, Civil IIA - - - 1963
Marrett, Robin Allan, Metallurgical and Chemical IIB - - - - - - - - - - 1963
Morgan, Garth Alan, Mechanical Engineering IIA - - - - - - - - - - - - - 1963
Phillips, Colin Rex, Metallurgical and Chemical IIA - - - - - - - - - - - 1963
Rehn, Peter Francis, Electrical I - - - - 1963
Rogers, Peter Lindsay, Metallurgical and Chemical I - - - - - - - - - - - 1963
Shimmin, Edward William, Electrical IIB - 1963
Bottroff, Peter Jeffrey, Civil IIB - - - - 1964
Bowen, Graeme Philip, Electrical I - - 1964
Boyley, Maxwell John, Mechanical IIB - - 1964
Branson, Rodman Wayne, Chemical IIB - - 1964
Brown, Garry Leslie, Mechanical I - - - 1964
Cambrell, Gregory Keith, Electrical I - - 1964
Coxon, Christopher Gavin Murray, Mechanical IIA - - - - - - - - - - - - 1964
Crews, Brian Dudley, Chemical I - - - 1964
Dolan, David Sutton, Chemical IIA - - 1964
Drewer, Peter Clifford, Electrical I - - - 1964
Duncan, Craig Thomas, Civil IIA - - - 1964
Dyson, Anthony Edward Stafford, Chemical IIA - - - - - - - - - - - - - 1964
Gower, Stephen Norman, Mechanical I - - 1964
Jansen, Malcolm Lindsay, Chemical IIA - 1964
Jones, Graham Roy, Chemical IIB - - - 1964
Kimber, Maxwell James, Electrical IIA - - 1964
Leigh-Jones, Peter, Electrical I - - - - 1964
Melbourne, John Dugald, Chemical IIB - - 1964
Moretti, Franco Giacomo, Civil IIA - - 1964
Mudie, David, Civil IIB - - - - - - - 1964
Olsen, Christopher John, Civil IIA - - - 1964
Parkin, John Wilson, Civil I - - - - - 1964
Patterson, Dean James, Electrical I - - - 1964
Payze, Rodney John, Civil I - - - - - 1964
Roberts, Ian Noel, Civil IIA - - - - - 1964
Roberts, Terence James, Chemical I - - - 1964
Sawley, Roger John, Mechanical IIB - - 1964
Smith, Bernard Maurice, Electrical I - - 1964
Stacey, Barrie Graham, Civil IIB - - - 1964
Story, Michael John, Chemical I - - - - 1964
Sydenham, Peter Henry, Electrical IIA - - 1964
Thomson, Richard William, Chemical I - 1964
Warren, Christopher Michael, Chemical IIB - 1964
Wastell, John Ernest, Mechanical IIA - - - 1964
Woodburn, John Arnold, Civil I - - - - 1964

HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE

Williams, David Reginald Glyndwr, Applied Chemistry I - - - - - - - - - - 1961
Armstrong, Graeme John, B.App.Sc., Applied Chemistry I - - - - - - - - - - 1962
Siviour, Neil Graham, B.App.Sc., Applied Chemistry IIA - - - - - - - - - - 1963

HONOURS DEGREE OF BACHELOR OF ARCHITECTURE

Griggs, Arden Michael, I - - - - - - - 1961
Russell, John Victor, II - - - - - - - 1961
Hauser, Robin, II - - - - - - - - - 1963
Jensen, Peter Rolf, I - - - - - - - - 1963
Lapsys, Antanas Tomas, II - - - - - - 1963
Pikusa, Stefan Adam, I - - - - - - - - 1963
Grove, Richard Jeffrey, I - - - - - - - 1964
Murphy, John Frederick, II - - - - - - 1964
Rowney, Barry Glencoe, II - - - - - - 1964
Schenk, John Robert, II - - - - - - - 1964

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Kennedy, Geoffrey Sydney, B.Ag.Sc., Agronomy IIA - - - - - - - - - - - 1959
Taylor, James Bruce, Plant Pathology IIA - 1959
Williams, Baden George, B.Ag.Sc., Soil Science IIA - - - - - - - - - - - 1959
Dodman, Robert Louis, B.Ag.Sc., Plant Pathology I - - - - - - - - - - 1960
Fawcett, Robert Graham, B.Ag.Sc., Soil Science I - - - - - - - - - - - 1960
Moller, William John, B.Ag.Sc., Plant Pathology IIA - - - - - - - - - - 1960
Ross, Maxwell Alexander, B.Ag.Sc., Plant Physiology IIA - - - - - - - - - 1960
Wells, Julian Richard Este, B.Ag.Sc., Agricultural Biochemistry I - - - - - - - 1960
Young, Richard Scott, B.Ag.Sc., Agronomy IIA - - - - - - - - - - - - 1960
Basson, Alfred Graham, B.Ag.Sc., Entomology IIA - - - - - - - - - - - 1961
Djajakusumah, Taty Rahmatiah, B.Ag.Sc., Entomology IIA - - - - - - - - - 1961
Edwards, David George, B.Ag.Sc., Soil Science I - - - - - - - - - - - 1961
Muljadi, Djojomartono, B.Ag.Sc., Soil Science IIA - - - - - - - - - - - 1961
Radcliffe, John Clive, B.Ag.Sc., Agronomy IIA - - - - - - - - - - - - 1961
Simons, David Henry, B.Ag.Sc., Plant Physiology IIA - - - - - - - - - 1961
Taylor, Brian Kenwyn, B.Ag.Sc., Plant Physiology I - - - - - - - - - - 1961
Theng, Kian Goan, Benny, B.Ag.Sc., Soil Science I - - - - - - - - - - - 1961
Bottrill, Dean Edward, B.Ag.Sc., Agricultural Biochemistry IIB - - - - - - - - - 1962
Burford, John Roland, B.Ag.Sc., Soil Science IIA - - - - - - - - - - - - 1962
Hicks, Peter George, B.Ag.Sc., Plant Pathology IIB - - - - - - - - - - - 1962
Murray, Andrew Walter, B.Ag.Sc., Agricultural Biochemistry IIA - - - - - - - 1962
Pratt, Bryan Harry, Plant Pathology IIA - - 1962
Puckridge, Donald William, B.Ag.Sc., Agronomy I - - - - - - - - - - - 1962
Randles, John Wesley, B.Ag.Sc., Plant Pathology IIA - - - - - - - - - - 1962
Scott, Nigel Steele, B.Ag.Sc., Agricultural Biochemistry IIB - - - - - - - - - 1962
Burgoyne, Leigh Alexander, B.Ag.Sc., Agricultural Biochemistry IIA - - - - - - 1963
Clay, Roger Edgcumbe, B.Ag.Sc., Plant Breeding IIA - - - - - - - - - - 1963
Gayler, Kenwyn Ronald, B.Ag.Sc., Agricultural Biochemistry IIA - - - - - - - 1963
Luxmoore, Robert John, B.Ag.Sc., Agronomy IIA - - - - - - - - - - - - 1963
Bailey, Lindsay Frank, B.Ag.Sc., Agricultural Biochemistry IIA - - - - - - - - 1964
Byrne, Maurice John, B.Ag.Sc., Entomology IIA - - - - - - - - - - - - 1964
Ford, Graeme West, B.Ag.Sc., (Melb.), Soil Science I - - - - - - - - - - 1964
Robinson, James Bennett, B.Ag.Sc., Plant Physiology IIA - - - - - - - - - 1964
Smeaton, John Richard, B.Ag.Sc., Agricultural Biochemistry IIA - - - - - - - - 1964
Taplin, David Elliott, B.Ag.Sc., Animal Husbandry IIA - - - - - - - - - - 1964
Yates, Neville Geoffrey, B.Ag.Sc., Animal Husbandry IIA - - - - - - - - - 1964

HONOURS DEGREE OF BACHELOR OF LAWS

For previous lists see Calendars from 1961

Cornish, William Rodolph, I - - - - - - 1960
Prior, Graham Clifton, I - - - - - - - 1960
Debelle, Bruce Malcolm, II - - - - - - 1961
Gervasi, Illa Lydia, II - - - - - - - 1961
Kelly, David St. Leger, II - - - - - - 1961
Clark, Sandford Delbridge, II - - - - - - 1962
Finnis, John Mitchell, I - - - - - - - - 1962
Jarvis, Deane Graham, II - - - - - - - 1963
Detmold, Michael James, II - - - - - - 1964

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere - - - 1946
Abbott, Herbert Lewis - - - - - - - - 1933
Adcock, John Bartlett - - - - - - - - 1931
Alderman, Henry Graham - - - - - - - 1917
Alderman, John Kevin - - - - - - - - 1938
Alderman, John Robinson - - - - - - - 1950
Alderman, Patric Graham - - - - - - - 1961
Andersen, Neville Paul - - - - - - - 1962
Ashton, Edward James Wilberforce - - - 1896
Ashton, Thomas Edward - - - - - - - 1941
Astley, Michael John - - - - - - - - 1950
Atkinson, Alfred Harris Owst - - - - - 1900
Badger, Magnus - - - - - - - - - - 1918
Bakewell, William Kenneth - - - - - - 1908
Beerworth, William Carl - - - - - - - 1932
Bennett, Henry Trevor - - - - - - - - 1949
Boucaut, Douglas le Rey - - - - - - - 1927
Boucaut, George Hiles - - - - - - - - 1906
Boucaut, Ian Penn - - - - - - - - - 1930
Brebner, Charles Ross - - - - - - - - 1953
Bright, William Stuart - - - - - - - - 1904
Buttrose, Murray - - - - - - - - - - 1927
Carne, Alfred George - - - - - - - - 1931
Cheek, Reginald Heithersay - - - - - - 1921
Ciberas, Stasys - - - - - - - - - - 1956
Claridge, Philip James - - - - - - - - 1947
Clark, John Osborne - - - - - - - - - 1935
Clarke, Laurence Eric - - - - - - - - 1920
Cleland, Peter Fullerton - - - - - - - 1939
Cleland, Thomas Erskine - - - - - - - 1919
Cocks, Arthur Wellesley - - - - - - - 1936
Collins, Dean Francis - - - - - - - - 1947
Collison, Frank Lloyd - - - - - - - - 1926
Colquhoun, Colin Roy - - - - - - - - 1928
Coventry, Charles James - - - - - - - 1911
Cresswell, George Edwin - - - - - - - 1929
Cutlack, Peter Robert - - - - - - - - 1926
Daly, Kevin Joseph - - - - - - - - - 1943
Davenport, Arthur Vernon - - - - - - - 1916
Davey, John Ryan - - - - - - - - - - 1938
Davey, Robert Shannon - - - - - - - - 1915
Davies, Cecil Ernest - - - - - - - - 1928
Davis, Raymond William - - - - - - - 1934
Davison, John Hubert Hawdon - - - - - 1908
Davoren, Michael Dominic - - - - - - - 1940
Davoren, Thomas Anthoney Francis - - - 1937
Dawe, Reginald Stanley - - - - - - - 1936
Denny, William Joseph - - - - - - - - 1908
Dow, Ian Baird - - - - - - - - - - 1949
Edmunds, Keith Stacey - - - - - - - - 1937
English, John Arthur - - - - - - - - 1952
Ferdinandy, Laszlo - - - - - - - - - 1958
Fischer, Robert John - - - - - - - - - 1949
Fisher, Francis Robert - - - - - - - - 1949
Fisher, Guy - - - - - - - - - - - - 1920
Fleming, Stanley Hugh - - - - - - - - 1902
Fletcher, John Weld - - - - - - - - - 1940
Fox, John Henry - - - - - - - - - - 1895

Fricker, Malcolm Swanson - - - - - - - 1956
Gelston, Hedley Ringrose - - - - - - - 1914
Genders, Alexander Forbes - - - - - - 1949
Gibson, Reginald Mends - - - - - - - 1923
Gifford, Alfred Silva Harrill - - - - - - 1919
Giles, Acland - - - - - - - - - - 1905
Gillman, Joseph Fisher - - - - - - - 1921
Goldsworthy, Napier Lytton - - - - - 1949
Goldsworthy, Spencer Gordon - - - - - 1916
Goldsworthy, William Beazley - - - - 1903
Goode, David Russell - - - - - - - 1949
Goode, Evan Anderson - - - - - - - 1926
Gordon, Leslie Kenneth - - - - - - - 1947
Grubb, Roy William - - - - - - - - 1949
Gun, Anthony Townsend - - - - - - 1963
Gun, Clement Townsend - - - - - - - 1920
Gun, John Townsend - - - - - - - - 1953
Gun, Lloyd Townsend - - - - - - - - 1949
Hague, Percy - - - - - - - - - - 1897
Hall, Robert Fishburn - - - - - - - 1936
Harders, Clarence Waldemar - - - - - 1943
Hardy, John Scott - - - - - - - - 1926
Harford, Basil Beverley - - - - - - 1928
Hargrave, Charles Townshend - - - - 1904
Hargrave, Lancelot Morton Spiller - - - 1921
Harry, Richard Varley - - - - - - - 1937
Hay, Frederick Dean - - - - - - - - 1934
Hayward, Cedric Charlie - - - - - - 1923
Healy, Kevin John Bernard - - - - - 1915
Heseltine, Samuel Richard - - - - - - 1903
Heuzenroeder, Rudolph Hermann - - - - 1913
Heuzenroeder, William Ritter - - - - - 1929
Hilton, Keith Denyer - - - - - - - 1947
Hodby, Herbert Charles - - - - - - - 1922
Holland, George Harold - - - - - - - 1920
Holland, William Corin - - - - - - - 1909
Homburg, Hermann - - - - - - - - 1896
Homburg, John Hamilton - - - - - - - 1939
Homburg, Renolf - - - - - - - - - 1929
Homburg, Robert - - - - - - - - - 1897
Humby, Rexton James - - - - - - - - 1943
Hunt, William Robert - - - - - - - - 1919
Hutchison, Charles Vernon Stuart - - - - 1937
Innis, Kenneth Norman - - - - - - - 1925
Jacobs, Samuel Joshua - - - - - - - 1946
James, Alfred Charles - - - - - - - 1899
Jessup, George Aubrey - - - - - - - 1933
Johnson, James Howard - - - - - - - 1900
Johnston, Laurence Frederick John - - - - 1931
Jordan, David Wallace - - - - - - - 1949
Kearney, Beasley James William - - - - 1925
Keats, Frederick Phillips - - - - - - 1909
Kennedy, Donald Angas - - - - - - - 1904
Kerin, William Francis - - - - - - - 1944
Kinnane, Alexander John - - - - - - - 1935
Kirkman, Kenneth Hainsworth - - - - - 1918
Lake, Clement William Hingston - - - - 1907
Leslie, John - - - - - - - - - - - 1922
Lewis, Stanley Heathcote - - - - - - 1927
Little, Egbert Percy Graham - - - - - 1898
McCann, William Francis James - - - - - 1925
McCarthy, James Crimeen Ellery - - - - 1925
McCarthy, Neil Douglas - - - - - - - 1955
McEntee, Kevin Vincent - - - - - - - 1931
McEwin, George - - - - - - - - - 1897
McGee, Edward Patrick - - - - - - - 1933
McGee, John - - - - - - - - - - - 1916
Mackay, Alan Justin - - - - - - - - - 1936
Mackenzie, Charles Norman - - - - - - 1909
McLachlan, Ian - - - - - - - - - - 1932
McLeay, Marshall John - - - - - - - 1927
Magarey, Ashley Henderson - - - - - - 1932
Marshall, John - - - - - - - - - - 1951
Martin, Hugh Wallis - - - - - - - - 1920
Mathews, Llandaff Brisbane - - - - - - 1924
Matison, Victor Charles - - - - - - - 1945
Matulich, Ross Noel - - - - - - - - 1949
Mellor, James Corry - - - - - - - - 1949
Mellor, Thomas Reginald - - - - - - - 1915
Menzies, Stewart Keith - - - - - - - 1937
Michell, George Wilfrid - - - - - - - 1920
Michell, John Elsome - - - - - - - - 1923
Millhouse, Vivian Rhodes - - - - - - - 1925
Mills, Elliott Whitfield - - - - - - - - 1940
Mollison, Thomas - - - - - - - - - - 1928
Morris, Gronwy Lewis - - - - - - - - - 1932
Muirhead, Henry Mortimer - - - - - - - 1909
Mullighan, Edward Picton - - - - - - - 1962
Mutton, Carlyle Herbert - - - - - - - - 1938
Napier, Robert Mellis - - - - - - - - 1936
Nesbit, Hubert Gordon Pariss - - - - - - 1915
Nesbit, Lancelot Julian - - - - - - - - 1925
Nesbit, Reginald George - - - - - - - - 1900
Newman, Douglas Ralph - - - - - - - - 1949
Newman, Lloyd Kingsley - - - - - - - - 1962
Newman, Ralph Frederic - - - - - - - - 1921
Nicholls, Theodore Henry - - - - - - - 1900
Nickolls, Peter Michael - - - - - - - - 1952
Nitschke, Galva Dennis - - - - - - - - 1954
Nuske, Sydney Gordon - - - - - - - - 1954
Odlum, Reginald Lance - - - - - - - - 1937
O'Grady, Francis Ignatius - - - - - - - 1939
Owen, William Frederick - - - - - - - 1906
Pavy, Emily Dorothea, B.A. - - - - - - 1928
Pavy, Gordon Augustus - - - - - - - - 1924
Pearce, Peter Sydney - - - - - - - - 1956
Pearson, Charles Mason - - - - - - - - 1917
Penny, Bertram Stephens - - - - - - - 1908
Philcox, Claude Joseph Owen - - - - - - 1929
Povey, Edward - - - - - - - - - - 1916
Power, Louis Bertrand - - - - - - - - 1937
Puddy, Albert Forwood - - - - - - - - 1934
Pyne, William Ewart - - - - - - - - 1915
Rankin, Henry Oliver Arthur - - - - - - 1912
Reed, Douglas - - - - - - - - - - 1940
Reeves, Charles Wheatley - - - - - - - 1924
Regan, James William - - - - - - - - 1913
Reid, Walter Gliddon - - - - - - - - 1909
Reilly, Matthew Leonard - - - - - - - 1939
Roberts, Donald Arthur - - - - - - - - 1912
Rollison, Gerald Dominic - - - - - - - 1927
Rollison, William Alexander - - - - - - 1915
Ronald, Stewart Douglas - - - - - - - 1910
Rutter, George Lyall - - - - - - - - - 1920
Rymill, Arthur Campbell - - - - - - - - 1928
Sampson, Joyce Holman - - - - - - - - 1952
Sanderson, Kenneth Francis Villiers - - - - 1918
Shepherd, Joseph Scoresby - - - - - - - 1899
Shepherd, Scoresby Arthur - - - - - - - 1957
Smith, Frank Seymour - - - - - - - - 1914
Smith, Francis Villeneuve - - - - - - - 1906
Smith, Francis Vyner - - - - - - - - - 1960
Smith, Paul Teesdale - - - - - - - - - 1920
Solomon, Helen Ethel - - - - - - - - - 1933
Solomons, Phillip Roland Nathan - - - - - 1939
Somerville, Archibald John - - - - - - - 1952
Sowry, Peter Reginald - - - - - - - - - 1960
Sparrow, Cyril Keith - - - - - - - - - 1921
Stokes, Robert Francis - - - - - - - - 1938
Sutherland, Allan James Lavis - - - - - 1919
Swan, William Alfred - - - - - - - - - 1948
Sweeney, John Grant - - - - - - - - - 1915
Sykes, Howard de Pledge - - - - - - - - 1936
Tapley, Willis Wayte - - - - - - - - - 1909
Treloar, James Leonard Sydney - - - - - 1923
Tucker, Reginald Mervyn - - - - - - - - 1915
Vandenbergh, William John - - - - - - - 1896
Von Bertouch, Leopold - - - - - - - - - 1920
Von Doussa, Stanley Bowman - - - - - - - 1901
Von Doussa, William Louis - - - - - - - - 1924
Wald, Irving Dale - - - - - - - - - - 1923
Wallace, Anthony Verschuer - - - - - - - 1960
Wallace, James Angove - - - - - - - - - 1961
Wallace, Norman Verschuer - - - - - - - 1920
Ward, Henry Torrens - - - - - - - - - 1900
Warren, Sydney John - - - - - - - - - 1911
Weaver, Alfred Charles - - - - - - - - 1903
Webb, Beecher Noel - - - - - - - - - 1930
Whimpress, Thomas Abraham - - - - - - - 1934
Wilkinson, John Maynard - - - - - - - - 1962
Williams, Dudley Charles Call - - - - - - 1946
Williamson, James Aubrey - - - - - - - 1925
Worth, Frank Lindsey - - - - - - - - - 1932
Wright, Sydney Charles Grenville - - - - - 1923
Yelland, Dene Sturt - - - - - - - - - - 1930
Young, Martin - - - - - - - - - - - 1933
Ziesing, George Ignatius - - - - - - - - 1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea - - - - - - 1925
Adamson, Myrtle Gwendoline - - - - - - 1918
Alexander, Mary Vera - - - - - - - - 1917
Allgrove, Beatrice Jane - - - - - - - - - 1951
Anderson, Jean - - - - - - - - - - - 1936
Andrew, Una Lois - - - - - - - - - - 1915

Ashton, Kathleen Anne - - - - - - - - 1935
Attiwell, Edna Marie - - - - - - - - 1918
Badenoch, Constance Mary - - - - - - - 1921
Bampton, Alfred John - - - - - - - - 1915
Barbour, Dorothy Jean - - - - - - - - 1928
Barnden, Vina Melba - - - - - - - - 1933
Barry, Margaret Mary - - - - - - - - 1927
Basedow, Ivy Marie - - - - - - - - - 1912
Bates, Edgar Clarence - - - - - - - - 1929
Baulderstone, Clarice Moore - - - - - - 1923
Bettcher, Lila Margaret - - - - - - - 1955
Bice, Brenda Mae - - - - - - - - - 1957
Black, Edward William - - - - - - - - 1923
Booth, Jean Marie - - - - - - - - - 1941
Bowen, Gordon Melville - - - - - - - - 1935
Brand, Marguerite Mary - - - - - - - - 1958
Brindal, Ellen Grace - - - - - - - - 1922
Brooks, Doreen Mavis - - - - - - - - 1940
Brooks, Merle Olive - - - - - - - - - 1942
Brown, Kathleen Mary - - - - - - - - 1917
Bruggeman, Martha Dorothy - - - - - - - 1904
Burnard, David Alexander - - - - - - - 1925
Butcher, Rosalie Anne - - - - - - - - 1963
Byrne, Mary Teresa - - - - - - - - - 1927
Cadd, Hartley Blair Hogarth - - - - - - 1951
Cann, Melvyn Roy - - - - - - - - - - 1962
Carmichael, Doris Darby - - - - - - - 1923
Catt, Shirley Pearson Clifford - - - - - - 1938
Chapman, John Pearce - - - - - - - - 1958
Chappell, Glenys Melba - - - - - - - - 1961
Chappel, Phyllis Harvey - - - - - - - - 1924
Cheek, Alan Carvosso - - - - - - - - 1929
Cheek, Muriel Elizabeth - - - - - - - - 1900
Christiansen, Desmond James - - - - - - 1963
Cilento, Gladys Muriel West - - - - - - - 1913
Cleverly, Diane - - - - - - - - - - 1963
Cockburn, Julia Evelyn - - - - - - - - 1930
Coleman, Rosemary Ann - - - - - - - - 1955
Collins, Ella Mary - - - - - - - - - 1916
Collins, Yensie Margaret - - - - - - - - 1937
Commane, Teresa Audrey - - - - - - - - 1938
Coonan, Mary Madeline - - - - - - - - 1955
Coonan, Rita Norlean - - - - - - - - - 1919
Coumbe, Hurtle Harold - - - - - - - - 1912
Counter, Beryl Cole - - - - - - - - - 1924
Cowan, Diana Jean - - - - - - - - - 1960
Cozens, Vida Victoria - - - - - - - - 1928
Craig, Margaret Heather - - - - - - - - 1955
Crampton, Daisy Myrtle - - - - - - - - 1945
Cresswell, Muriel Blanche Lillecrapp - - - 1925
Cronin, Alice Elsie - - - - - - - - - 1937
Curry, Shirley-Anne - - - - - - - - - 1955
Daenke, Dorothy Lucy - - - - - - - - 1929
Davy, Rubia Claudia Emily - - - - - - - 1903
d'Arcy-Irvine, Alice Bond - - - - - - - 1913
Day, Florence Muriel - - - - - - - - 1913
Dick, Pauline May - - - - - - - - - 1950
Dix, Jessica Laura - - - - - - - - - 1928
Edwards, Herbert Percival - - - - - - - 1922
Ekers, Theodora Allman - - - - - - - - 1930
Evans, Bert - - - - - - - - - - - 1913
Ewing, Violet Emily - - - - - - - - - 1958
Ey, Kathleen Elsie - - - - - - - - - 1938
Feuchtersleben, Ilona Kathleen - - - - - - 1964
Finch, Laura Evelyn - - - - - - - - - 1932
Fisher, Helena Catherine - - - - - - - - 1924
Flaherty, Annie Josephine - - - - - - - 1907
Foale, Harold Robert - - - - - - - - 1925
Francis, Bessie - - - - - - - - - - 1925
Francis, Violet Leone - - - - - - - - - 1929
Freeman, Ivy Gwendolen McLeod - - - - - 1931
Gallasch, David Russel - - - - - - - - 1957
Gard, Harold John - - - - - - - - - 1918
Gehling, Ronda Beryl - - - - - - - - - 1940
Gersch, Paul Johannis - - - - - - - - - 1954
Geyer, Clem August - - - - - - - - - 1922
Giles, Allan Leonard - - - - - - - - - 1949
Gill, Hilda Beatrice - - - - - - - - - 1916
Gillespie, Jean Katherin - - - - - - - - 1937
Glatz, Laurina Ruby - - - - - - - - - 1929
Gmeiner, Clarice Haidee Beatrice - - - - 1924
Goss, Lucy Vera - - - - - - - - - - 1909
Goyder, Patricia - - - - - - - - - - 1937
Grange, Marilyn Lyle - - - - - - - - - 1962
Gray, Lorna Dorothy - - - - - - - - - 1950
Gray, Marylouise - - - - - - - - - - 1957
Griffiths, George Townsend - - - - - - - 1914
Griggs, Arden Michael - - - - - - - - 1957
Groth, Fred - - - - - - - - - - - 1929
Grosser, Eileen May - - - - - - - - - 1924

Gunning, Shelley Anne Stannus - - - - - 1958
Gurner, Ruth Eleanor - - - - - - - - - 1962
Hackett-Jones, Rosemary Frances, B.A. - - 1964
Hakendorf, Carmel Mary - - - - - - - - 1947
Haese, Beth Theodora - - - - - - - - - 1940
Hales, Malcolm Roy - - - - - - - - - 1948
Hancock, Mary Frewin - - - - - - - - - 1928
Hannaford, Neville David - - - - - - - - 1964
Hantke, Ethel Hilda Hedwig - - - - - - - 1902
Hartmann, Sonia Annette - - - - - - - - 1960
Harvey, Faith Fairbank - - - - - - - - 1943
Hearne, Janice Lesley - - - - - - - - - 1962
Heck, Judith Anne - - - - - - - - - - 1958
Henry, Gladys Amy Thelma - - - - - - - 1926
Hine, Clytie May - - - - - - - - - - 1908
Hoche, Edith - - - - - - - - - - - 1908
Hodge, Geraldine Janice - - - - - - - - 1964
Hogon, Eileen Margaret - - - - - - - - 1917
Holder, Alison Joyce - - - - - - - - - 1938
Holman, Frank Reginald - - - - - - - - 1919
Holmes, Patricia Langley - - - - - - - - 1948
Hooker, George - - - - - - - - - - - 1945
Horgan, Lillian Veronica - - - - - - - - 1936
Hounsell, Marjorie Nora Drew - - - - - - 1938
Howard, Winnifred Jean - - - - - - - - 1917
Hunwick, Christine Mary - - - - - - - - 1964
Hurn, Mavis Lacey - - - - - - - - - - 1926
Hyde, Miriam Beatrice - - - - - - - - - 1928
Ingham, Myrtle Lavinia - - - - - - - - - 1916
Jacobs, Doreen Miriam - - - - - - - - - 1938
James, Doris - - - - - - - - - - - - 1912
James, Vida Margretta - - - - - - - - - 1917
Johnson, Julie Fay Lindsay - - - - - - - - 1964
Jones, Lewis La Vence - - - - - - - - - 1919
Joyce, Kate - - - - - - - - - - - - 1904
Kartomi, Margaret Joy - - - - - - - - - 1961
Keen, Lilian Guard - - - - - - - - - - 1920
Kemp, Francis Joseph Edmund - - - - - - - 1928
Kemp, Marion Kirkwood - - - - - - - - - 1903
Kermode, Merrowyn May - - - - - - - - - 1961
King, Margaret Jessica Esmee - - - - - - - 1956
Kinmont, Rosamond - - - - - - - - - - 1924
Klose, Patricia Mary - - - - - - - - - - 1950
Kneebone, Joan Adelaide Cavell - - - - - - 1938
Knowling, Gwenda - - - - - - - - - - 1952
Kollosche, Samuel - - - - - - - - - - - 1910
Lakin, Angela Mary - - - - - - - - - - 1963
Lambert, Margaret Ann - - - - - - - - - 1960
Langford, Joan - - - - - - - - - - - 1952
Lawton, Josephine Margaret - - - - - - - - 1956
Lee, Marjorie Freda - - - - - - - - - - 1926
Leonard, Mary Joselyn - - - - - - - - - 1956
Levy, Juliette Isabelle Hinde - - - - - - - 1961
Lindh, Carlene Margaret - - - - - - - - - 1958
Litchfield, Jean Rainsbury - - - - - - - - 1926
Lodge, Elizabeth Florence Cranston - - - - 1953
Luxton, Jean Estcourt - - - - - - - - - 1952
McDermid, Neil Harvey - - - - - - - - - 1956
McDonald, Marjorie Jean - - - - - - - - - 1962
McGrath, Constance Cecily - - - - - - - - 1926
McGregor, Dorothy Mary - - - - - - - - - 1930
McKinnon, Clara Elizabeth - - - - - - - - 1942
McLaughlin, Eric Enstone - - - - - - - - 1926
McMahon, Mary Carmel - - - - - - - - - 1955
Macpherson, Margaret Webster - - - - - - 1957
Mallon, Alice Mary - - - - - - - - - - 1923
Manning, Hilda Mahala - - - - - - - - - 1902
Marker, Lois Beatrice - - - - - - - - - 1951
Marrett, Hannah Olive - - - - - - - - - 1926
Martin, Thelma Dorothy - - - - - - - - - 1917
Matters, Arnold Hatherleigh - - - - - - - 1926
Mayfield, Vera Selina Gwendoline - - - - - 1927
Mead, Janet Carolyn - - - - - - - - - - 1959
Mears, Kathleen Devenish - - - - - - - - 1955
Meegan, Alice - - - - - - - - - - - 1922
Meegan, Kathleen Mary - - - - - - - - - 1917
Merchant, David John - - - - - - - - - 1952
Mewkill, Paula Mary - - - - - - - - - - 1915
Mills, Gene Louise - - - - - - - - - - 1950
Mincham, Julian Hans, B.A. - - - - - - - 1964
Mitchell Elizabeth Anne - - - - - - - - 1956
Morley, Evelyn Mabel - - - - - - - - - 1925
Morton, Mary Ruth - - - - - - - - - - 1931
Murray, Joan - - - - - - - - - - - - 1954
Narroway, Peter Kingsford - - - - - - - - 1951
Naylor, Ruth Winnifred - - - - - - - - - 1924
Norman, Jean Margaret - - - - - - - - - 1928
Nurton, Judith Kay - - - - - - - - - - 1964
Oldham, Dorothy - - - - - - - - - - - 1914
Paddon, Una Margery - - - - - - - - - - 1920

Paley, Clifford Arnold, B.A. - - - - - - 1941
Palmer, Ethel Rose - - - - - - - - 1918
Palmer, Judith Anne - - - - - - - - 1955
Parham, Marlene Marie - - - - - - - 1955
Parkinson, Charlotte Ethel Violet - - - - 1901
Pascoe, Philippa Mary - - - - - - - 1947
Pearson, Kathleen Crawford - - - - - 1923
Penalurick, Lola - - - - - - - - - 1921
Perkins, Horace James - - - - - - - 1926
Perkins, Marie Pauline - - - - - - - 1948
Perry, Margaret Fay - - - - - - - - 1950
Phipps, Charlotte Lucy Barkwell - - - - 1905
Pitcher, Alison Claire - - - - - - - 1962
Porter, James Lincoln - - - - - - - 1957
Potter, Malcolm Frederick - - - - - - 1963
Prince, Jean Florence - - - - - - - 1921
Prince, Muriel Marjory - - - - - - - 1923
Puddy, Betty Froome - - - - - - - - 1931
Puddy, Maude Mary - - - - - - - - 1900
Pyne, Tryphena Grace - - - - - - - 1918
Quick, Alison Rae - - - - - - - - - 1960
Reed, Rosemary - - - - - - - - - 1964
Reimann, Hilda Marie - - - - - - - 1912
Reimann, Leta Edith - - - - - - - - 1932
Renou, Jean Lois - - - - - - - - - 1923
Riedel, Melita Wanda - - - - - - - 1918
Roach, Mary Moyle - - - - - - - - 1910
Roberts, Winifred Sophie - - - - - - 1911
Robinson, Mary Patricia - - - - - - 1935
Rofe, Joyce Newton - - - - - - - - 1933
Rose, Doreen Elaine - - - - - - - - 1964
Rowe, Deirdre Millsteed - - - - - - - 1963
Rowe, Elsie Maud - - - - - - - - - 1919
Rowe, Florence Nellie - - - - - - - 1914
Rozelaar, Marie - - - - - - - - - 1960
Rudemann, Elsa Wilhelmine - - - - - - 1903
Sansom, Joyce Mary - - - - - - - - 1940
Sara, Lily Emmaline - - - - - - - - 1916
Sayers, Alice Mabel - - - - - - - - 1901
Scammell, Ethelwyn - - - - - - - - 1910
Schramm, Kathryn - - - - - - - - - 1954
Schwerdt, Madeleine Yvonne - - - - - 1964
Searle, Hartley Malcolm, B.A., B.Sc. - - - 1939
Shapley, Dorothy Alice - - - - - - - 1939
Shephard, Beatrice Joan - - - - - - 1935
Shipway, Margaret Elizabeth - - - - - 1953
Short, John Thomas Gordon - - - - - - 1907
Siggs, Meredith Lillian - - - - - - - 1961
Simcock, Hilda May - - - - - - - - 1917
Sinclair, Jean Lily - - - - - - - - 1924
Slee, John Stevens - - - - - - - - - 1952
Smith, David Aitchison - - - - - - - - 1960
Smith, Imelda Catherine - - - - - - - - 1930
Smith, Margaret Joan - - - - - - - - - 1950
Solomon, Betty - - - - - - - - - - 1930
Spehr, Francesca - - - - - - - - - - 1901
Spriggs, Harriet Rosetta - - - - - - - - 1919
Stoneman, Doreen - - - - - - - - - - 1921
Stoneman, Olivia Charlotte - - - - - - - 1930
Summers, Phyllis Harvey - - - - - - - - 1930
Swincer, Patty - - - - - - - - - - 1948
Symon, Elizabeth Jean - - - - - - - - 1959
Taylor, Gladys Leslie - - - - - - - - 1908
Taylor, Jean Rosabelle - - - - - - - - 1926
Terry, Athalie May - - - - - - - - - 1960
Thomas, Sylvia Caroline Curtis - - - - - 1921
Thrush, Annie Vera - - - - - - - - - 1915
Tidemann, Ernest Phillips - - - - - - - 1927
Tonkin, Phyllis Anna - - - - - - - - 1923
Tosolini, Palmira Rose - - - - - - - - 1951
Treloar, Fay - - - - - - - - - - - 1957
Trenerry, Thora - - - - - - - - - - 1944
Tuck, Joyce Edith - - - - - - - - - - 1940
Tuck, Vivien Margaret - - - - - - - - - 1934
Tunks, Flora Marion - - - - - - - - - - 1931
Vardon, Daisy - - - - - - - - - - - 1914
Verco, Alison Martha - - - - - - - - - 1950
Verco, Gladys Kathleen - - - - - - - - 1928
Vick, Lloyd Winston - - - - - - - - - 1937
Virgo, Jean Ysobell - - - - - - - - - 1934
Virgo, Violet Myra - - - - - - - - - - 1919
Wall, Myrtle Trilby - - - - - - - - - - 1917
Wallmann, Beatrice May - - - - - - - - 1909
Walsh, Lillian May - - - - - - - - - - 1926
Warnecke, Mary Isabel - - - - - - - - - 1954
Watts, Mollie Louisa - - - - - - - - - 1930
Webb, Irene Margaret Thomson - - - - - - 1926
Wesley Smith, John Jeremy - - - - - - - 1961
Whillas, Helen May - - - - - - - - - 1901
White, Elizabeth Alice - - - - - - - - 1953
Whitington, Clytie Myrtle - - - - - - - 1917
Whitington, Sylvia Muriel - - - - - - - 1911
Wibberley, Brian - - - - - - - - - - 1908
Wiebusch, Adele Maria Dorothea - - - - - 1924
Williams, Hartley - - - - - - - - - - 1929
Williams, John Alexander - - - - - - - - 1925
Williams, Mervyn Ewart Lancelot - - - - - 1924
Williamson, Arthur Burton - - - - - - - 1908
Wollaston, Margaret Thirlmere - - - - - - 1941
Wordie, Ada Winifred - - - - - - - - - 1918
Zeven, Aila - - - - - - - - - - - - 1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

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

ASSOCIATES IN COMMERCE

Abbott, John Raymond - - - - - - - - 1950
Abbott, Norman Frank - - - - - - - - 1930
Adams, Harry - - - - - - - - - - - 1931
Adams, Helen Jean - - - - - - - - - 1929
Adams, John Clifford, B.Ec. - - - - - - 1949
Adamson, Alfred Victor - - - - - - - 1926
Adamson, Harold Stanley - - - - - - - 1921
Addicoat, Bryan John - - - - - - - - 1947
Ahrens, Frank Leo - - - - - - - - - 1945
Aitchison, Donald Leslie Judson - - - - - 1939
Alderman, John Robinson - - - - - - - 1937
Alldritt, Donald Thomas - - - - - - - 1951
Allen, Jack - - - - - - - - - - - 1937
Allingame, George William Davis - - - - - 1935
Andersen, Clifford Werlin - - - - - - - 1927
Anderson, John Donald - - - - - - - - 1948
Anderson, Murray James - - - - - - - - 1955
Anderson, Reginald Hamp - - - - - - - 1910
Angel, Norman Sidney - - - - - - - - 1930
Angel, Ronald Frank - - - - - - - - - 1930
Annells, Herbert Edward - - - - - - - 1908
Annells, Robert Harvey - - - - - - - - 1939
Arbon, Jack Fulton - - - - - - - - - 1953
Arndt, Max Raymond - - - - - - - - - 1956
Arnold, Raymond Borman - - - - - - - 1949
Arthur, Maude Jessie - - - - - - - - 1934
Ashby, William Maxwell - - - - - - - - 1943
Ashton, Alec James - - - - - - - - - - 1935
Atkinson, Verdon Robert - - - - - - - - 1936
Austin, Brian Wilson - - - - - - - - - 1954
Ayers, Margaret Jean - - - - - - - - - 1937
Bailey, Arthur Norris - - - - - - - - - 1924
Bailey, Vanda Dorothy - - - - - - - - - 1928
Balchin, Irene May - - - - - - - - - - 1924
Balchin, Leonard Jack - - - - - - - - - 1935
Baldock, Gordon Herbert - - - - - - - - 1948
Bammann, Cuthbert Harvey - - - - - - - 1938
Bampton, John - - - - - - - - - - - 1927
Barclay, William John - - - - - - - - - 1950
Barlow, Cecil William - - - - - - - - - 1939
Barlow, Leslie Harris - - - - - - - - - 1928
Barnes, Ronald David, B.Ec. - - - - - - 1948
Barrett, Jean Miriam - - - - - - - - - 1930
Barter, Francis Charles - - - - - - - - 1928
Barter, Jack Lampier - - - - - - - - - 1930
Barton, Jessie Charlotte - - - - - - - - 1929
Basedow, Bernhard Frederick - - - - - - 1948
Bathgate, John Pender - - - - - - - - - 1916
Batt, Henry Richard Devon - - - - - - - 1935
Battye, George Harry - - - - - - - - - 1924
Battve, Ross - - - - - - - - - - - 1920
Baulderstone, Donald - - - - - - - - - 1935
Baxter, Donald Bruce - - - - - - - - - 1950
Bayly, Edward Benjamin - - - - - - - - 1910

Bayly, Ernest Edward - - - - - - - - 1924
Bayly, George Lancelot - - - - - - - - 1929
Bayly, Jack Harold Fellowes - - - - - - 1931
Bayly, William Lawes - - - - - - - - 1918
Beaney, Henry Finlay - - - - - - - - 1928
Beauchamp, Shirley Frances - - - - - - 1949
Belcher, Milton Judson - - - - - - - 1928
Belfer, Jacob - - - - - - - - - - 1944
Bennie, John Smith - - - - - - - - 1938
Berck, Lionel Neil - - - - - - - - 1945
Berriman, Alfred Andrew - - - - - - - 1923
Berry, Leslie Robjohns - - - - - - - 1937
Besley, Lillian Ray - - - - - - - - 1935
Bice, Norman Percival - - - - - - - 1950
Bice, Roy George - - - - - - - - - 1953
Biddell, Douglas Gordon - - - - - - - 1957
Biddle, John Parr Harding - - - - - - 1925
Biggs, James Marshall - - - - - - - 1925
Blackwell, Hazel Annie - - - - - - - 1931
Blair, James Beatton - - - - - - - - 1925
Blair, Ruth Margaret - - - - - - - - 1940
Blanch, Clement Edward - - - - - - - 1949
Bleckley, Graham William - - - - - - - 1952
Bloomfield, Jack Lee - - - - - - - - 1939
Boehm, Ernst Arthur - - - - - - - - 1945
Born, Frank Ford Harker - - - - - - - 1928
Bowden, Harry Frederick - - - - - - - 1934
Bowen, Arthur Geoffrey - - - - - - - 1933
Bower, Richard David - - - - - - - - 1940
Bowes, Lindsay Burton - - - - - - - - 1947
Bowler, Brian John - - - - - - - - - 1954
Bowness, Alexander - - - - - - - - - 1928
Braddock, Dudley Warwick - - - - - - 1938
Braddock, Lyall Arthur - - - - - - - 1931
Brady, Thomas Francis - - - - - - - - 1921
Bramwell, Horace Gordon - - - - - - - 1932
Brandwood, Marie Earlston - - - - - - 1944
Branson, Colin William - - - - - - - - 1949
Branson, Kenneth George - - - - - - - 1947
Braunsthal, Norman Frank - - - - - - - 1928
Bray, Alan Claude - - - - - - - - - 1926
Bray, Bruce - - - - - - - - - - - 1940
Bray, Clifford Samuel - - - - - - - - 1908
Brazel, Thomas John - - - - - - - - 1926
Brewer, John Burton - - - - - - - - 1947
Brice, Alan Herbert - - - - - - - - - 1938
Brice, Malcolm Hubert - - - - - - - - 1949
Bridgland, Lionel Cedric - - - - - - - 1932
Briskham, Alexander George Herbert - - - 1927
Brock, Noel Howard - - - - - - - - 1922
Brooks, Leonard William - - - - - - - 1956
Brooks, Sidney Rundle - - - - - - - - 1933
Brown, Leonard Sawtell - - - - - - - 1926
Brown, Thomas Roderick - - - - - - - 1923
Browne, Clifford Harding - - - - - - - 1923
Buckett, Claude Ernest - - - - - - - - 1940
Buckley, William Clarence - - - - - - - 1929
Bulbeck, Philip Denis - - - - - - - - 1929
Burgess, Ellis Howard - - - - - - - - 1939
Buring, Eleanor Bette - - - - - - - - 1937
Burley, Arnold Robert - - - - - - - - 1939
Burns, George Eric - - - - - - - - - 1927
Burr, Frederick Samuel - - - - - - - - 1923
Butler, Tom - - - - - - - - - - - 1939
Calder, William Cormack - - - - - - - - 1913
Caldwell, Hilda Valmai - - - - - - - - 1928
Callaway, William Frank - - - - - - - - 1931
Cameron, Elizabeth Mary - - - - - - - - 1938
Cameron, Roy James - - - - - - - - - 1945
Campbell, Harold Duncan - - - - - - - - 1925
Cane, Jack - - - - - - - - - - - 1938
Cant, Leonard George - - - - - - - - 1917
Cant, Rex Birdsey - - - - - - - - - 1931
Carey, Gerald David - - - - - - - - - 1951
Carter, Alan Keith - - - - - - - - - 1953
Carter, David Burleigh - - - - - - - - 1950
Carter, Elijah - - - - - - - - - - - 1952
Caust, Leslie George William - - - - - - 1921
Cavender, Frederick Richard - - - - - - 1940
Chambers, John Harrold - - - - - - - - 1926
Chappie, Keith Fletcher - - - - - - - - 1934
Charles, Armande Joffre - - - - - - - - 1937
Charlick, Derek Herbert - - - - - - - - 1939
Chester, Glen Drummond - - - - - - - - 1938
Chettle, Walter Richard - - - - - - - - 1927
Chinner, Alan George - - - - - - - - - 1922
Christison, Margaret Jean - - - - - - - - 1940
Clark, Phyllis Mary - - - - - - - - - 1939
Clarke, Geoffrey Thomas - - - - - - - - 1923
Clarke, John Harding - - - - - - - - - 1953

Cobiac, Gerald Patrick - - - - - - - - 1949
Cole, Geoffrey Leonard - - - - - - - - 1950
Collett, Keith Lancelot - - - - - - - - 1953
Collison, Keith Tidmarsh - - - - - - - - 1941
Colliver, Eustace James - - - - - - - - 1928
Combe, Bernard Milo - - - - - - - - - 1948
Compton, Joyce Oliver - - - - - - - - - 1945
Connelly, Joseph Kevin - - - - - - - - 1938
Connelly, William Francis - - - - - - - 1947
Cook, Bruce Filmer - - - - - - - - - 1955
Coombe, Albert - - - - - - - - - - 1937
Cooper, Ashley Anthony Richard - - - - - 1927
Coote, Robert Glen - - - - - - - - - 1955
Cotton, Robert Harold - - - - - - - - 1908
Cottrell, Francis Allan - - - - - - - - 1937
Cottrell, John Ledsam - - - - - - - - 1920
Coulthard, Clyde Ronald - - - - - - - - 1937
Coward, Ivan Fernley - - - - - - - - - 1930
Coward, Robert Malcolm - - - - - - - - 1930
Cowell, Davis Francis - - - - - - - - - 1939
Cox, Charles Wylde - - - - - - - - - 1932
Cox, Cyril Hewitt - - - - - - - - - - 1928
Craig, Ida Vera - - - - - - - - - - 1924
Crane, Greta Ruby - - - - - - - - - - 1927
Creswell, John - - - - - - - - - - - 1919
Cruickshank, Alan James - - - - - - - - 1964
Crump, Hedley Lawrence - - - - - - - - 1949
Curtis, Lawrance Gordon - - - - - - - - 1949
Dahlenburg, Hurtle Henry - - - - - - - - 1952
Dahlenberg, Robert Louis - - - - - - - - 1953
Daley, Vyvyan Lancelot - - - - - - - - 1928
Dalton, Victor Ernest - - - - - - - - - 1923
Daniel, Claude Alfred Vaughan - - - - - - 1921
Daulby, Herbert Stanley - - - - - - - - 1936
Davey, John Vernon - - - - - - - - - 1953
Davey, Richard Howard - - - - - - - - 1950
Davidson, Cuthbert Hewett - - - - - - - 1924
Davis, Agnes Mary - - - - - - - - - 1936
Davis, Brian, B.Ec. - - - - - - - - - 1951
Davis, Bruce Frederick - - - - - - - - 1938
Davis, James Lenton - - - - - - - - - 1933
Davis, Noel Hewitson - - - - - - - - - 1933
Davis, Rosalie Olive - - - - - - - - - 1923
Daw, Arthur Baden Secombe - - - - - - - 1956
Dawbarn, Richard Bunbury - - - - - - - - 1930
Dawkins, Harry Blinman - - - - - - - - 1939
Dawson, David Lancelot - - - - - - - - 1926
Day, Colin Maxwell - - - - - - - - - 1936
Day, Frank Vernon - - - - - - - - - 1935
Day, Ian Mostyn - - - - - - - - - - 1956
Day, LaVerne Frank (surrendered 1963) - - 1955
Deane, Allan Nicholson - - - - - - - - 1939
Deer, Eynon John Cullimore - - - - - - - 1954
Denton, Samuel Bowcher - - - - - - - - 1928
Dermott, Alice May - - - - - - - - - 1932
Dermott, John Edwin - - - - - - - - - 1921
Dewar, Peter Ferguson - - - - - - - - 1951
Dickson, Ronald Archibald - - - - - - - 1952
Dobson, Alfred James - - - - - - - - - 1909
Dodd, Robert Hedley, B.A. - - - - - - - - 1947
Donaldson, John Monfries - - - - - - - - 1941
Donnell, Leslie John - - - - - - - - - 1939
Dowie, Jean Phillis - - - - - - - - - 1935
Dowling, Crosby James - - - - - - - - - 1951
Downs, Claude Edmund - - - - - - - - - 1932
Downs, Donald Archibald - - - - - - - - 1938
Drabsch, Leo John - - - - - - - - - - 1948
Duffield, Gordon Llewellyn - - - - - - - 1936
Duldig, Milton Edwin - - - - - - - - - 1939
Duncan, John Bayfield - - - - - - - - - 1953
Dunn, Raymond Keith - - - - - - - - - 1950
Dynon, William Ralph - - - - - - - - - 1951
Easson, Leonard John - - - - - - - - - 1932
Eddy, John Edwin - - - - - - - - - - 1934
Edson, Eileen Mavis - - - - - - - - - 1930
Edwards, Alfred John - - - - - - - - - 1933
Edwards, Colin Arthur - - - - - - - - - 1930
Edwards, Edgar Morton - - - - - - - - - 1941
Edwards, Ernest Albert - - - - - - - - - 1937
Edwards, Stanley Herbert - - - - - - - - 1941
Effick, Henry Birrell - - - - - - - - - 1924
Elliott, Melva Gwendoline Vivian - - - - - 1931
Ellis, Fred Leon - - - - - - - - - - 1939
Ellis, Kevin Clifford Keith - - - - - - - - 1934
Emery, Garth Charles - - - - - - - - - 1941
Eriksen, Theodore Henry - - - - - - - - 1953
Errington, Edna Jean - - - - - - - - - 1931
Evans, Horace Clement - - - - - - - - - 1938
Evans, Ronald Dennis - - - - - - - - - 1949
Evens, Alan Grant - - - - - - - - - - 1952

Ewens, Leonard Thomas - - - - - - - 1930
Ewers, William David, B.A. - - - - - - 1943
Ewing, William John Murchie - - - - - - 1952
Fahey, George Ambrose - - - - - - - 1923
Farquhar, Donald Reginald - - - - - - 1929
Farrell, Edward William - - - - - - - 1949
Faull, Kevin Barton Woodfield - - - - - 1950
Favilla, Domenico Raffaelo - - - - - - 1939
Fewell, Stanley William - - - - - - - 1934
Filsell, Geoffrey Holbrook - - - - - - 1942
Firth, Jack Leader - - - - - - - - 1937
Fisher, David le Sauvage - - - - - - - 1948
Fisher, Harold Henry - - - - - - - - 1932
Fitzgerald, Teresa Catherine - - - - - - 1931
Fleming, Ralph Harry - - - - - - - - 1939
Fleming, Robert Colin - - - - - - - - 1933
Flew, John William - - - - - - - - - 1950
Fogarty, Stanley Patrick Joseph - - - - - 1950
Forbes, Colin Malcolm - - - - - - - - 1952
Forbes, Wilfred Roy - - - - - - - - - 1934
Forrest, Peter Cameron - - - - - - - - 1949
Foster, Lily Dorothy - - - - - - - - - 1935
Foxworthy, John Henry - - - - - - - - 1923
Francis, Ainslie DeLacy - - - - - - - - 1921
Francis, Stanley Charles - - - - - - - - 1924
Frayne, Jack Edmonston - - - - - - - - 1935
Fricker, Lourdes Victoria - - - - - - - - 1948
Fricker, Ronald Frank - - - - - - - - - 1957
Fritsch, Viola Phoebe - - - - - - - - - 1951
Frost, Ernest Martin - - - - - - - - - 1949
Fry, Arthur Henry Percival - - - - - - - 1910
Furze, Noel Edgar - - - - - - - - - - 1927
Gale, Frederick Julius - - - - - - - - 1910
Garrett, Eric Mostyn - - - - - - - - - 1934
Garood, Philip Jesse - - - - - - - - - 1938
Gemmell, Alex Stuart - - - - - - - - - 1936
Gibb, Ernest Ullathorne - - - - - - - - 1939
Gibson, Eric Ambrose - - - - - - - - - 1925
Giddings, Ian Valentine - - - - - - - - 1951
Giles, Kenneth Livingstone - - - - - - - 1924
Giles, Stephen Alan Butler - - - - - - - 1927
Gill, Thomas Fergusson - - - - - - - - 1935
Ginman, David Charles - - - - - - - - - 1947
Glastonbury, Oliver Albert Isaac - - - - - 1929
Glenn, Ross William - - - - - - - - - 1952
Gloyn, Reginald Dan - - - - - - - - - 1957
Gluyas, Neil James - - - - - - - - - - 1937
Golovsky, Israel - - - - - - - - - - - 1921
Gordon, Colin Herbert - - - - - - - - - 1941
Gordon, Douglas Maitland - - - - - - - - 1938
Gosden, Robert Byron - - - - - - - - - 1949
Gramp, Sidney Douglas - - - - - - - - - 1941
Grant, Kenneth Jack - - - - - - - - - - 1929
Grant, Wallace Dale - - - - - - - - - - 1955
Gray, Gilbert William - - - - - - - - - 1923
Green, Lawrence Goodwin - - - - - - - - 1928
Greenham, Alfred Howard - - - - - - - - 1923
Greig, William Ronald - - - - - - - - - 1929
Grimwade, Erica Fielding - - - - - - - - 1955
Gubbins, Geoffrey Garfield - - - - - - - 1953
Haddad, Victor - - - - - - - - - - - 1938
Hamilton, Frank Douglas - - - - - - - - 1940
Hammann, Arthur Edwin - - - - - - - - 1927
Hand, Allan - - - - - - - - - - - - 1934
Hand, Milton John - - - - - - - - - - 1948
Hanley, Alice - - - - - - - - - - - - 1939
Hann, Maxwell Keith - - - - - - - - - 1938
Hannan, Edward Graham - - - - - - - - 1947
Hannon, James - - - - - - - - - - - - 1952
Harlow, James Keith - - - - - - - - - 1941
Harnden, Jack - - - - - - - - - - - - 1952
Harnett, William Edwin - - - - - - - - 1948
Harper, Ronald George - - - - - - - - - 1935
Harrell, Max Ambrose - - - - - - - - - 1952
Harris, Frank Randall - - - - - - - - - 1949
Harris, Norman Alexander - - - - - - - - 1934
Harris, Robert Oxenberry - - - - - - - - 1951
Harris, Ronald Firth - - - - - - - - - - 1939
Harris, Russell Hope - - - - - - - - - 1912
Harrison, William Frank - - - - - - - - 1903
Harvey, Keith William - - - - - - - - - 1952
Harwood, Ralph Felix - - - - - - - - - 1952
Haslam, Alan Francis - - - - - - - - - 1935
Hastwell, Robert Duncan - - - - - - - - 1950
Hawkins, Alfred Raymond - - - - - - - - 1947
Haydon, Colin Maurice - - - - - - - - - 1951
Haynes, Stanley Gordon - - - - - - - - - 1953
Heairfield, Walter George - - - - - - - - 1930
Healy, Francis Robert - - - - - - - - - 1937
Heinemann, John Bryce - - - - - - - - - 1948
Heitmann, Colin Richard - - - - - - - - 1950
Hendry, Campbell Alexander - - - - - - - 1914
Hewett, Robert Alfred - - - - - - - - - 1955
Hiatt, Jack Thomas - - - - - - - - - - 1935
Hiddle, Eugene Hayes - - - - - - - - - 1953
Hieser, Ronald Oswald - - - - - - - - - 1943
Higginbottom, Edwin John, B.Ec. - - - - - 1955
Higgins, Harry Coote - - - - - - - - - 1920
Hill, Edward Ralph - - - - - - - - - - 1957
Hill, Patricia Pender - - - - - - - - - 1949
Hill, William Charles - - - - - - - - - 1933
Hill, William Ross - - - - - - - - - - 1941
Hilton, Kingsley Winlo - - - - - - - - - 1930
Hirst, Ronald Robert - - - - - - - - - 1935
Hoad, Sidney Arnold - - - - - - - - - - 1943
Hogben, Alfred Richard - - - - - - - - - 1909
Hogben, Horace Cox - - - - - - - - - - 1915
Holland, John Neville - - - - - - - - - 1955
Holmes, George Matheson - - - - - - - - 1955
Holt, William George - - - - - - - - - 1924
Holten, Dora May - - - - - - - - - - - 1924
Homes, Alma Ivy Penelope - - - - - - - - 1927
Hooper, Mervyn Perry - - - - - - - - - 1926
Hooper, Ronald Ley - - - - - - - - - - 1937
Horrocks, Charles Edgeworth - - - - - - - 1925
Hosking, Kathleen Valerie - - - - - - - - 1953
Hourigan, Lloyd David, B.Ec. - - - - - - - 1952
Howard, Cornelius James - - - - - - - - 1949
Howard, Leonard Marie - - - - - - - - - 1949
Howard, Paul Francis - - - - - - - - - 1949
Howie, Douglas Cullen - - - - - - - - - 1937
Howie, George Percival - - - - - - - - - 1916
Howland, Arthur Stilville - - - - - - - - 1934
Hunwick, Ernest Frederick William - - - - - 1924
Hunwick, Leonard William, LL.B. - - - - - 1939
Isaachsen, Eric Eduard - - - - - - - - - 1936
Isaachsen, Oscar Cedric, LL.B. - - - - - - 1937
Isbell, William Foulkes - - - - - - - - - 1952
Jackson, Harold Ernest - - - - - - - - - 1939
Jackson, Leslie Colin - - - - - - - - - - 1941
James, Charles Kingsley - - - - - - - - - 1918
Jamieson, Neil Livermore - - - - - - - - - 1927
Jaunay, Donald Robert - - - - - - - - - - 1949
Jeffery, Charles Frederick - - - - - - - - 1938
Jeffery, George Henry - - - - - - - - - 1933
Jeffery, Roy Gordon - - - - - - - - - - 1940
Jeffress, Leslie Charles - - - - - - - - - 1928
Jenkinson, Keith Travers - - - - - - - - 1938
Jenner, Arnold Miller - - - - - - - - - 1929
Jennings, George - - - - - - - - - - - 1952
Jessup, George Aubrey - - - - - - - - - 1927
John, Brian - - - - - - - - - - - - - 1953
Johns, Darby Richard - - - - - - - - - - 1953
Johnson, Douglas Oswald - - - - - - - - - 1949
Johnson, George Ronald - - - - - - - - - 1939
Johnson, Harry Witter - - - - - - - - - - 1932
Johnston, Noel Stuart - - - - - - - - - - 1950
Johnston, Verner - - - - - - - - - - - 1949
Jones, Albert Stewart - - - - - - - - - - 1954
Jones, Brian Lewis, B.E. - - - - - - - - - 1956
Jones, Elizabeth May - - - - - - - - - - 1926
Jones, Joyce Gertrude - - - - - - - - - - 1944
Jones, William Henry - - - - - - - - - - 1952
Joyce, Alan Francis - - - - - - - - - - - 1941
Judd, Percival Richard Henry - - - - - - - 1926
Kelly, Brian Patrick - - - - - - - - - - 1949
Kelly, Hartleigh - - - - - - - - - - - - 1933
Kelly, Isobelle - - - - - - - - - - - - 1927
Kelsey, Jack - - - - - - - - - - - - - 1932
Kenihan, John Dudley - - - - - - - - - - 1933
Kennedy, Mervyn George - - - - - - - - - 1932
Kerr, Trevor Grant - - - - - - - - - - - 1954
Kesting, Ernest Arthur - - - - - - - - - 1930
Kilgariff, Aloysius Kevin - - - - - - - - 1951
King, John Bugler - - - - - - - - - - - 1937
King, Norman Reginald - - - - - - - - - 1949
Kinnish, Florence Maud - - - - - - - - - 1920
Kirkman, David - - - - - - - - - - - - 1908
Klisch, Josafat Marejan - - - - - - - - - 1956
Knight, Bernard Murray - - - - - - - - - 1938
Knox, Rex - - - - - - - - - - - - - - 1949
Koch, Othal Ludwig - - - - - - - - - - - 1937
Kumnick, Donald Kerr - - - - - - - - - - 1933
Lahiff, Arthur Stanley - - - - - - - - - 1951
Lambert, Anthony Wilson - - - - - - - - - 1945
Lang, James Thomas - - - - - - - - - - - 1937
Langcake, William Charles - - - - - - - - 1940
Langsford, Leonard Graham - - - - - - - - 1948
Lapthorne, Cecil Lindsay John - - - - - - - 1948
Laughton, Robert Bruce - - - - - - - - - 1942

Laver, Robert William - - - - - - - - 1940
Lenton, Leslie - - - - - - - - - - 1916
Letcher, William John - - - - - - - - 1934
Lever, Cecil Harry - - - - - - - - - 1939
Levett, Geoffrey Frederick - - - - - - 1950
Lewis, Clarence George - - - - - - - 1924
Lewis, Rex Ernest - - - - - - - - - 1930
Lillywhite, Bessie - - - - - - - - - 1925
Lindner, Walter Alfred - - - - - - - 1955
Lloyd, Harold Trent - - - - - - - - 1926
Loan, William Clarence - - - - - - - 1923
Lodge, Maurice Arnold - - - - - - - 1929
Lonergan, Eric Norman - - - - - - - 1949
Lonergan, Leo Desmond - - - - - - - 1957
Longmire, Frank Albert - - - - - - - 1940
Lorimer, Robert William - - - - - - - 1922
Loughrey, Arthur Bernard - - - - - - 1941
Love, Ronald Edward Beaumont - - - - - 1934
Lowe, Kenneth Maurice - - - - - - - 1939
Lucas, Francis James - - - - - - - - 1953
Lucas, Ralph Mervyn - - - - - - - - 1952
Luxmore, John Alexander - - - - - - - 1931
Lyon, Colin Grant - - - - - - - - - 1929
Lyon, James Cobbett - - - - - - - - 1925
McAnaney, William Patrick - - - - - - 1931
McAulay, John Albert Galster - - - - - 1922
McAuliffe, Lionel Frank - - - - - - - 1934
McCarron, Philip Bernard Alphonsus - - - 1925
McCarthy, John Anthony - - - - - - - 1930
McDonald, Dorothy Patricia - - - - - - 1935
McEgan, Ernest William - - - - - - - 1923
McFarlane, Maude Evans - - - - - - - 1928
McFarlane, Malcolm Ross - - - - - - - 1952
McGarry, Donald Martin - - - - - - - 1936
McKee, Geoffrey Nolan - - - - - - - - 1935
McKee, George Angas - - - - - - - - 1927
McKee, William Albert Kenneth - - - - - 1926
McKenzie, Allan John - - - - - - - - 1933
McLachlan, John Kingsborough - - - - - 1954
McLean, Allan William - - - - - - - 1921
MacLeod, Ian Frederick Angus - - - - - 1956
McShane, Reginald Edward - - - - - - 1951
Mack, Arthur William - - - - - - - - 1925
Mack, Jack Hamilton - - - - - - - - 1953
Macklin, Bruce Roy - - - - - - - - - 1939
Maegraith, Paul Reginald - - - - - - - 1952
Mahoney, John Joseph - - - - - - - - 1927
Malcolm, Kathleen - - - - - - - - - 1933
Marchant, Vernon Harold - - - - - - - 1929
Marrett, Lorna Liggett - - - - - - - - 1922
Marsden, Bruce Cecil - - - - - - - - 1951
Marshall, Alma Kathleen - - - - - - - 1921
Martin, Colin Walter - - - - - - - - 1925
Martin, Eric Joan - - - - - - - - - 1923
Masters, Reginald Keith - - - - - - - 1938
Mathews, Hugh Charles - - - - - - - - 1951
Mathews, Reginald William - - - - - - 1928
Matthews, Leonard George - - - - - - 1934
Maunder, Leonard Edward James - - - - 1926
Mead, John William, B.Ec. - - - - - - 1953
Meaney, Thomas Francis - - - - - - - 1948
Mehrtens, Bronte - - - - - - - - - 1950
Mengerson, Norman Victor - - - - - - 1919
Menkins, Frank Hermann - - - - - - - 1908
Merchant, Eric George - - - - - - - - 1948
Messent, Albert Edward - - - - - - - 1908
Messent, Frank Ashby - - - - - - - - 1927
Middleton, Clement Roy - - - - - - - 1951
Miller, Colin James - - - - - - - - - 1957
Miller, Gavin Robert - - - - - - - - 1918
Miller, Lyle Clark - - - - - - - - - 1947
Mills, Edward Whitfield - - - - - - - 1915
Mills, Robert Neil - - - - - - - - - 1951
Minson, Charles Stanley - - - - - - - 1930
Mitchell, Brian John - - - - - - - - 1955
Mitchell, Bruce - - - - - - - - - - 1919
Mitchell, John Turnbull - - - - - - - 1938
Mitchell, Lurline Vaughan - - - - - - 1933
Mitchell, Shirley Eileen - - - - - - - 1944
Mobsby, Edward Tompson - - - - - - - 1940
Moncrieff, Joan Lorimer - - - - - - - 1925
Moore, Walter Harry - - - - - - - - 1935
Moore, Warwick Grey - - - - - - - - 1935
Morcom, Kenneth Douglas - - - - - - - 1940
Morphett, Michael Louis - - - - - - - 1957
Mortess, Eric James - - - - - - - - - 1925
Mould, Francis Edmund - - - - - - - - 1927
Mount, Michael Jaunay - - - - - - - - 1951
Moyes, Cecil Clarence - - - - - - - - 1918
Moyes, Charles Robert - - - - - - - - 1913
Moyle, John Ewart - - - - - - - - - 1917
Muecke, Carl Wilhelm Ludwig - - - - - 1908
Mullen, Brian Anthony - - - - - - - - 1930
Mullin, Mary Margaret - - - - - - - - 1925
Mullins, Francis Patrick - - - - - - - 1926
Munro, Elizabeth Margaret - - - - - - 1930
Murray, Donald - - - - - - - - - - 1930
Murphy, Ronald George - - - - - - - - 1936
Mutton, Henry Edwin Howard, M.A. - - - 1926
Nairn, Donald Maxwell - - - - - - - - 1936
Naulty, Reginald - - - - - - - - - - 1937
Nave, John Lionel - - - - - - - - - - 1929
Needham, George Francis Jack - - - - - 1911
Nettle, Kenneth Ralph - - - - - - - - 1948
Neuenkirchen, Hermann Adolph Heinrich - - 1912
Newbold, Murray Charles Lewis - - - - - 1949
Newman, Kenneth Fisher - - - - - - - - 1928
Nicol, Beryl Elvira - - - - - - - - - 1943
Oakley, Lyle Beresford - - - - - - - - 1949
O'Brien, Paul Dominic - - - - - - - - 1937
O'Dea, John Leonard - - - - - - - - - 1950
Odgers, Charles Edwin - - - - - - - - 1955
O'Donnell, James Richard - - - - - - - 1941
O'Flaherty, Michael Sidney - - - - - - - 1948
O'Flaherty, Reginald Kitchener - - - - - 1937
O'Flaherty, William Edward - - - - - - 1951
O'Grady, Michael James Anthony - - - - 1950
O'Grady, Oswald James - - - - - - - - 1923
Oliphant, Nigel Besant - - - - - - - - 1933
Oliver, Edward Bruce - - - - - - - - - 1935
Oliver, Raymond Charles - - - - - - - - 1933
Ophel, Ralph Burnell - - - - - - - - - 1933
Ormond, Colin William - - - - - - - - 1943
Osborne, Dennis James - - - - - - - - 1956
O'Shaughnessy, Ronald - - - - - - - - 1957
Othams, Douglas Geoffrey - - - - - - - 1954
Padget, Dora Jane - - - - - - - - - - 1928
Paech, Richard Leonard - - - - - - - - 1947
Painter, Edward Websdale - - - - - - - 1920
Palmer, Bruce Cole - - - - - - - - - 1938
Paltridge, Angus Lindsay - - - - - - - 1950
Pannell, James Ridgway - - - - - - - - 1955
Parham, Geoffrey William - - - - - - - 1954
Park, Gilbert Maxwell - - - - - - - - 1923
Parker, Murray Friend - - - - - - - - 1956
Parkinson, John Haslam - - - - - - - - 1934
Parr, Harry Sidney - - - - - - - - - - 1916
Parr, Stanley Robert - - - - - - - - - 1949
Pascoe, Douglas Everett - - - - - - - - 1927
Pascoe, Ronald Francis - - - - - - - - 1936
Patterson, Isabel Maude Holmes - - - - - 1945
Patterson, Robert Banks - - - - - - - - 1936
Payne, Randolph Douglas - - - - - - - - 1948
Pearce, Francis James - - - - - - - - - 1952
Peart, Kathleen Grace - - - - - - - - - 1947
Pederick, Hubert Oswald - - - - - - - - 1929
Penglase, Ronald Clyde - - - - - - - - 1954
Pentelow, Edith May - - - - - - - - - 1929
Perriam, Clifford Allan - - - - - - - - 1937
Perriam, Eric Charles - - - - - - - - - 1939
Peterson, Ronald John - - - - - - - - - 1937
Phelps, Winifred Annie - - - - - - - - 1925
Philcox, Claude Joseph Owen - - - - - - 1923
Pike, Vernon Horace Charles - - - - - - 1937
Pitcher, Ronald Samuel - - - - - - - - 1923
Pledge, Martha Phoebe - - - - - - - - 1930
Polden, Donald Watkins - - - - - - - - 1956
Pollnitz, Percy Frederick - - - - - - - 1935
Ponder, Gilbert Walter Graham - - - - - 1914
Potter, Donald Roy - - - - - - - - - 1937
Potter, Frank Jacques - - - - - - - - 1942
Potter, Wilfred Tom - - - - - - - - - 1951
Pounsett, John Lenton - - - - - - - - 1949
Preskett, Malcolm - - - - - - - - - 1957
Price, Henry Ernest - - - - - - - - - 1930
Prior, Olive Cora - - - - - - - - - - 1933
Prosser, Ian Neville - - - - - - - - - 1955
Proud, Katherine Lily - - - - - - - - 1910
Prystawski, Omelan - - - - - - - - - 1955
Pulford, Vivian George - - - - - - - - 1948
Puttman, Robert Marsh - - - - - - - - 1954
Raffelt, Helene - - - - - - - - - - 1925
Ramsey, Alfred Maxwell - - - - - - - - 1941
Ransom, William Robert George - - - - - 1932
Raphael, Alan Ralph - - - - - - - - - 1956
Raymond, Reginald Norman - - - - - - - 1935
Read, Angus Robert - - - - - - - - - 1929
Read, Howard Llewellyn - - - - - - - - 1926
Redman, Jessie Adelaide - - - - - - - - 1929
Reed, Frank Basil - - - - - - - - - - 1939

Reilly, Lawrence Joseph - - - - - - - 1948
Reynolds, Ernest Joseph Walter - - - - 1925
Rhodes, Ronald Sydney - - - - - - 1927
Richards, Kenwyn Howard - - - - - - 1937
Richardson, Jack Avon - - - - - - - 1928
Riches, Robert Wilfred - - - - - - - 1932
Ridgway, Frank Reginald - - - - - - 1938
Riebe, Erwin John - - - - - - - - 1929
Riley, Olly Beata - - - - - - - - 1931
Ringwood, Robert Ainslie - - - - - - 1939
Rippin, John William - - - - - - - 1949
Roberts, James Andrew - - - - - - - 1935
Roberts, Kenneth James - - - - - - 1949
Roberts, Ronald Theodore - - - - - - 1953
Robertson, George Oliver - - - - - - 1908
Roennfeldt, John William - - - - - - 1937
Rooney, John Francis - - - - - - - 1928
Rose, Vivian Clement - - - - - - - 1933
Rowe, George Eddy - - - - - - - - 1951
Rungie, Maxton Keith - - - - - - - 1934
Rush, Douglas Bartlett - - - - - - - 1949
Rush, Herbert Stanley - - - - - - - 1934
Russack, Frederick William, jun. - - - - 1927
Ryan, William John - - - - - - - - 1927
Safra, Benjamin Louis - - - - - - - 1950
Sallis, Brian Leonard - - - - - - - 1955
Sambell, Frederick James - - - - - - 1919
Sando, Gordon Victor - - - - - - - 1929
Sarre, James Ayrton - - - - - - - - 1938
Sawade, Ronald Frederick - - - - - - 1954
Scanlan, Ronald Frederick - - - - - - 1951
Schedlich, Bryan Linn - - - - - - - 1951
Schirmer, Gerhart Percy - - - - - - 1942
Schneider, Wilfred, B.E. - - - - - - 1932
Schumacher, Bert Edward Bernard - - - 1933
Seaman, Gilbert Frederick - - - - - - 1935
Searcy, John Dudley - - - - - - - 1934
Seddon, Gordon David LeMessurier - - - 1939
Sellars, Norman Lionel - - - - - - - 1923
Selth, Maurice Burfitt - - - - - - - 1938
Shaw, Ian William - - - - - - - - 1955
Shepherd, Rupert Lloyd - - - - - - - 1927
Sheppard, Bernard Aubrey - - - - - - 1910
Sheppard, John Tyndall - - - - - - - 1928
Shier, Marjorie Dufty - - - - - - - 1939
Shuttleworth, Robert Thomas - - - - - 1926
Simmons, Donald William - - - - - - 1939
Simmons, Peter James - - - - - - - 1950
Simpson, Alfred Moxon, B.Sc. - - - - - 1949
Simpson, John Favilla - - - - - - - 1948
Sinclair, Jack - - - - - - - - - 1955
Slade, James Henry Gray - - - - - - 1938
Slape, Marcus Frank - - - - - - - - 1937
Smith, Charles Alfred - - - - - - - 1910
Smith, Clarice Margaret - - - - - - 1929
Smith, Dawn - - - - - - - - - - 1949
Smith, Eileen Milton - - - - - - - 1930
Smith, Henry Morris - - - - - - - - 1928
Smith, Isaac Francis - - - - - - - - 1923
Smith, Kenneth Brian Innes - - - - - - 1949
Smith, Leslie Hamilton - - - - - - - 1953
Smith, Margaret Shea - - - - - - - 1950
Soar, Dudley Turner, B.Ec. - - - - - - 1953
Soar, Harold Arnold - - - - - - - - 1953
Solly, Hubert Ambrose - - - - - - - 1913
Soper, Graham Michael - - - - - - - 1954
Sorell, Donald George - - - - - - - 1945
Spence, Lionel Dudley - - - - - - - 1948
Spitz, Francis - - - - - - - - - - 1954
Stalley, Douglas John, M.Ec. - - - - - 1952
Stanford, Walter Henry - - - - - - - 1927
Stapleton, Thomas Leslie - - - - - - 1943
Starling, Clifford Joseph - - - - - - 1947
Steele, Robert Moore - - - - - - - 1908
Stefanskyj, Zenon - - - - - - - - 1956
Stephenson, Ezra - - - - - - - - 1928
Stephenson, John - - - - - - - - 1924
Stock, Adrian Aston - - - - - - - - 1941
Stoner, Ross Arthur - - - - - - - - 1953
Strange, Ronald Glen - - - - - - - 1955
Stuart, Arthur Donald - - - - - - - 1926
Sulan, Charles - - - - - - - - - 1952
Summers, David Charles - - - - - - - 1937
Sunter, John Scott - - - - - - - - 1936
Swan, John Gordon - - - - - - - - 1948
Swanson, Alexander - - - - - - - - 1929
Swanson, James Baikie - - - - - - - 1948
Sweeney, James - - - - - - - - - 1935
Talbot, John Saxton - - - - - - - - 1940
Tassie, Eric Harry - - - - - - - - - 1917
Taylor, Deane Brownfield - - - - - - - 1938
Taylor, James Scott - - - - - - - - - 1933
Taylor, Raymont Fyfe - - - - - - - - 1947
Taylor, Ronald - - - - - - - - - - 1952
Taylor, Walter Henry - - - - - - - - 1935
Temme, Bernhard Robert - - - - - - - 1931
Thamm, Louis George - - - - - - - - 1933
Thomas, Bruce Ian - - - - - - - - - 1938
Thomas, Harold Clarke - - - - - - - - 1908
Thomas, Jack - - - - - - - - - - - 1928
Thompson, Frederick Aubrey Jones - - - - 1929
Thompson, Jack - - - - - - - - - - 1949
Thompson, Terence Dudley - - - - - - 1949
Thredgold, Lorna Wynnie - - - - - - - 1944
Thurston, Frank Harris - - - - - - - 1923
Thyer, Walter Vernon - - - - - - - - 1921
Tilbrook, Kevin Townsend - - - - - - - 1949
Tillett, Arthur Colin - - - - - - - - 1930
Todd, Beryl Nance - - - - - - - - - 1940
Topperwein, Jessie Jeanette - - - - - - 1925
Travers, Edward Ambrose - - - - - - - 1923
Treleaven, Ross - - - - - - - - - - 1950
Treloar, Ronald William - - - - - - - 1949
Trigg, Frank Elliot - - - - - - - - - 1926
Trimmer, Noel Donavan - - - - - - - - 1950
Tucker, Colin Pryor - - - - - - - - - 1950
Tuckwell, Kenelm Sinclair - - - - - - - 1925
Turnbull, George Alexander - - - - - - 1930
Turner, Arthur Frederick - - - - - - - 1932
Turner, Jack - - - - - - - - - - - 1925
Turner, Mervyn Richard - - - - - - - - 1938
Turner, Percy - - - - - - - - - - - 1913
Turner, Raymond Stanmore - - - - - - - 1930
Twiss, William Wilmott - - - - - - - - 1935
Underhill, Joseph Douglas - - - - - - - 1950
Valentine, Thomas George - - - - - - - 1950
Vawser, Leeson William - - - - - - - - 1920
Vawser, Frank Derwent - - - - - - - - 1925
Vawser, Noel Keith - - - - - - - - - 1941
Verco, Wilfred Douglas - - - - - - - - 1940
Vincent, Harry - - - - - - - - - - 1932
Vincent, Mary - - - - - - - - - - - 1935
Viney, Lawrence George - - - - - - - - 1940
Virgo, Ronald Gilmour - - - - - - - - 1937
Wagstaff, Ronald - - - - - - - - - - 1937
Wahlqvist, Hugo Carl - - - - - - - - - 1923
Walsh, Geoffrey Roberts - - - - - - - - 1937
Waldeck, Reginald David Chapple - - - - 1933
Walkington, Newton Gilbert - - - - - - 1934
Walkley, John Daniel Clifford - - - - - - 1957
Wallage, John Douglas - - - - - - - - 1955
Walsh, Paul - - - - - - - - - - - 1941
Walter, Hugh Garthwaite Ephraim - - - - 1938
Wardman, Charles Howard - - - - - - - 1941
Wauchope, James George Neilson - - - - - 1911
Webb, George Carlile - - - - - - - - 1938
Werfel, Mavis Jean - - - - - - - - - 1948
West, Kenneth Charles - - - - - - - - 1951
Wheeler, Horace Roseby - - - - - - - - 1911
Whelan, Patrick John - - - - - - - - - 1937
White, Godfrey Alfred - - - - - - - - 1947
White, Jack Walter Robert - - - - - - - 1950
White, Wilfred Allan - - - - - - - - - 1940
Whitridge, Gladstone Keith - - - - - - - 1920
Whittenbury, Vernon Frank - - - - - - - 1949
Whittle, Ralph Keith Linhorne Cresdee - - - 1952
Whitwell, Bruce Dowland - - - - - - - - 1934
Wickes, Donald William - - - - - - - - 1937
Wildy, Mervyn Arthur George - - - - - - 1950
Wilkie, Alan John - - - - - - - - - - 1957
Wilkins, Ada Dorothy Marion - - - - - - 1927
Williams, Albert Bruce Wauchope - - - - 1925
Williams, Edward George - - - - - - - - 1934
Williams, Eric Spencer - - - - - - - - 1922
Williams, Gilbert Raymond - - - - - - - 1953
Williams, John Carter - - - - - - - - 1917
Williams, Kenneth Douglas - - - - - - - 1951
Williams, Norman Lindsay - - - - - - - - 1951
Williams, Ronald Bannister - - - - - - - 1937
Williams, Zena Vera - - - - - - - - - 1926
Williamson, Harold Edgar - - - - - - - - 1926
Wilson, Aileen Elsie - - - - - - - - - 1952
Wilson, William Norman - - - - - - - - 1950
Wilton, James Hardy - - - - - - - - - 1954
Winch, Ronald Thomas - - - - - - - - - 1954
Winter, Claude Howard Stanley - - - - - 1914
Wood, Alfred Evelyn - - - - - - - - - 1909
Wood, Maurice Garnet - - - - - - - - - 1938

Woolcock, Alan Burnett - - - - - - - 1939
Woolcock, Royal Johnston - - - - - - - 1928
Wright, Dorothy Maud - - - - - - - - 1929
Wright, Robert Samuel - - - - - - - - 1941
Wyett, Ernest Stanley - - - - - - - - 1931
Young, Norman Smith - - - - - - - - 1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford - - - - - - - - 1953
Aistrope, Donald William Anderson - - - 1959
Anthoney, Ernest - - - - - - - - - 1950
Ashenden, Herbert John - - - - - - - 1957
Belchamber, Kenneth Charles (surrendered 1963) - - - - - - - - - - 1959
Belcher, Milton Judson - - - - - - - 1937
Brooks, Sidney Rundle - - - - - - - 1938
Burton, Roy Victor - - - - - - - - 1937
Carey, Edward John - - - - - - - - 1936
Cattermole, Allan Jefferson - - - - - 1963
Cavalier, Elizabeth Mary - - - - - - 1943
Clark, James, - - - - - - - - - 1938
Collett, Kenneth James - - - - - - - 1953
Combe, Bernard Milo - - - - - - - 1937
Cook, Gordon James, B.Ec. - - - - - 1948
Coombe, Albert - - - - - - - - - 1932
Coombe, Samuel - - - - - - - - - 1936
Coonan, Edward Raymond - - - - - - 1949
Cottrell, Francis Allan - - - - - - - 1934
Craker, Arthur Ernest - - - - - - - 1932
Dale, Richard Charles Moritz - - - - - 1940
Daniel, Claude Alfred Vaughan - - - - 1935
Davis, Brian - - - - - - - - - - 1952
Davis, Robert Keith - - - - - - - - 1958
Deane, Allan Nicholson - - - - - - - 1936
Deane, Robert Glenn - - - - - - - - 1964
Dodd, Aubrey Francis Rule - - - - - 1948
Doecke, Heinrich Albert - - - - - - 1931
Doig, Malcolm Robert - - - - - - - 1955
Donaldson, John Monfries - - - - - - 1936
Doyle, Leo James, LL.B. - - - - - - 1951
Dunstan, Jack Connon - - - - - - - 1952
Gartrell, Frank Prisk - - - - - - - 1956
Good, Richard John, B.E. - - - - - - 1959
Gordon, Coleman Guildford - - - - - 1939
Greet, Norman Stanley - - - - - - - 1958
Griffin, Ray Edwin - - - - - - - - 1953
Hammond, Raymond Charles - - - - - 1951
Headland, Brian Cobrey - - - - - - 1956
Hewett, Alexander Macdonald - - - - 1938
Holland, John Neville - - - - - - - 1960
Holland, Robin Laurence - - - - - - 1960
Honey, Henry Beric - - - - - - - - 1958
Hutchinson, Hugh Morgan - - - - - - 1940
Hutton, Malcolm Austin - - - - - - - 1960
Inglis, Gilbert Gerald - - - - - - - 1958
Jackson, Harold Ernest - - - - - - - 1935
James, Henry John - - - - - - - - - 1955
Jeffery, Charles Frederick - - - - - - 1934
Johnson, Maxwell Colin - - - - - - - 1953
Kay, Harold Edwin - - - - - - - - - 1938
Laver, Robert William - - - - - - - - 1952
Lawton, Richard William - - - - - - - 1961
Lee, Frank Botham - - - - - - - - - 1937
Lokan, Albert Henry - - - - - - - - 1939
Mattingley, Maxwell Albert Percy - - - 1945
Menear, Ira, B.A. - - - - - - - - - 1953
Messent, Esther Mary, B.A. - - - - - - 1936
Millard, Clifford James - - - - - - - 1933
Mitchell, William Robert, B.E. - - - - 1956
Naylon, Augustin James - - - - - - - 1934
Ormond, Colin William - - - - - - - 1949
Pollnitz, Percy Frederick - - - - - - 1938
Pope, Hugh Gilmore - - - - - - - - 1932
Pretty, Walter Arthur - - - - - - - - 1948
Priest, Alan Hewett - - - - - - - - 1937
Reseigh, Claude Edgar - - - - - - - - 1934
Roberts, John William - - - - - - - - 1953
Robinson, David Floyd - - - - - - - - 1935
Russell, Andrew Earl Lindsay - - - - - 1951
Ryan, Charles Landers - - - - - - - - 1941
Sando, Maurice Hughes - - - - - - - - 1934
Schlenk, Conrad John - - - - - - - - 1958
Segnit, Alick - - - - - - - - - - 1957
Simmons, Donald William, B.Ec. - - - - 1950
Slade, James Henry Gray - - - - - - - 1932
Smith, Harold Reid, LL.B. - - - - - - - 1949
Taeuber, Kenneth Charles - - - - - - - 1958
Temme, Bernhard Robert - - - - - - - 1933
Thomas, William Henry Oswald - - - - - 1947
Thompson, Brian Philip - - - - - - - - 1962
Tillett, Arthur Colin - - - - - - - - - 1950
Trumble, Hugh Peter Christian, B.Ag.Sc. - 1962
Turner, Brian Scott - - - - - - - - - 1958
Voyzey, William (surrendered 1959) - - - 1952
Voyzey, William, B.A. - - - - - - - - 1963
Walker, Colin Alexander Dunstan - - - - 1948
Wellington, Murray Morley - - - - - - 1949
West, Kenneth Charles - - - - - - - - 1949
Wharldall, Lancelot Arthur - - - - - - 1953
Whitford, Alfred Eugene - - - - - - - 1941
Wight, Robert James - - - - - - - - 1938
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
Allen, John Bernard, B.A. - - - - - - - 1942
Allen, Leonard Nicholls, M.A. - - - - - 1939
Altmann, Olive Stella, B.A. - - - - - - 1951
Altus, Rudolph Herman, M.A. (Melb.) - - - 1950
Anders, Douglas John, B.Sc. - - - - - - 1947
Anderson, Alex Gordon, B.Sc. - - - - - - 1956
Anderson, Aubrey James Clifton, B.A. - - - 1948
Anderson, Barry Charles, B.Sc. - - - - - 1964
Anderson, Graham Lancelot George, B.Sc. - 1964
Arbery, James Herbert, B.A. - - - - - - - 1961
Arcus, Wesley John, B.A. - - - - - - - - 1958
Argyle, Margaret, B.A. - - - - - - - - 1957
Ashenden, Leslie Edward, B.A. - - - - - 1952
Ashton, Harry Tamblyn, B.Sc. - - - - - - 1960
Aston, Morrell Kenneth, B.A., B.Sc. - - - 1952
Atwell, Leslie George Danks, B.A. - - - - 1941
Aubert, Graham James, B.A. (New England) 1963
Baddams, Violet Thenie, B.A. - - - - - - 1940
Bald, William Charles, B.A. - - - - - - 1962
Barber, Howard Frank, B.A. - - - - - - 1943
Barnes, Frederick Lynne, B.Sc. - - - - - 1944
Barrett, William Vernon, B.A. - - - - - - 1951
Bartholomaeus, Edmund Stanley, B.A. - - - 1931
Bartleet, Nancy Irene, B.A. - - - - - - - 1950
Batchelor, Flossie Elizabeth Reine, B.A. - - 1922
Baum, Murray Richard, B.A. - - - - - - - 1957
Bawden, Albert Victor, B.A. - - - - - - - 1942
Bayly, Elizabeth Jean, B.A. - - - - - - - 1962
Beare, Hedley, B.A. - - - - - - - - - 1956
Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.) 1962
Beaumont, Olive Sowter, B.A. - - - - - - 1943
Beckwith, Shirley Katie, B.A. - - - - - - 1948
Bennett, Annie Stevens, B.A. - - - - - - 1924
Bennett, Charles Gordon, B.A. - - - - - - 1934
Bennett, Thomas Southall, B.A. - - - - - 1940

Bennetts, William Rawling, B.Sc. (Western Australia) - - - - - - - - - - - 1956
Bentley, William James, B.A. - - - - - - 1949
Berry, Frances Winifred, M.A. - - - - - 1924
Bested, Gordon John, B.A. - - - - - - 1945
Bettison, Margaret Selina, B.A. - - - - - 1952
Beven, Raymond Harold, B.Sc. - - - - - 1964
Biddle, Enid Barbara, B.A. - - - - - - 1949
Biele, Keith William, B.Ec. - - - - - - 1953
Bieske, Elaine Alison, B.Sc., A.U.A. (Arts and Educn.) - - - - - - - - - - - 1964
Bilney, Neil Joseph, B.A. - - - - - - - 1947
Blesing, Rae Flora, B.A. - - - - - - - 1961
Boehm, Walter Gotthilf, B.A. - - - - - - 1955
Bolt, Janet, B.A. - - - - - - - - - - 1964
Bone, Maxwell Harold, B.A. - - - - - - 1939
Boord, Frederick Hughes, B.A. - - - - - 1957
Borchardt, Mary Pauline, B.A. - - - - - 1963
Boroky, Betty Margaret, B.A. - - - - - - 1959
Boundy, William Stevenson, B.Sc. - - - - 1958
Bourke, Denis Francis, M.A. (Sydney) - - 1959
Bourke, Elma Marie, B.A. - - - - - - - 1941
Braham, Henry Arnold Collyer, B.A. - - - 1960
Bray, Elva Mildred, B.A. - - - - - - - 1943
Brazier, John Richard, B.A. - - - - - - 1952
Brideson, Colin Herbert - - - - - - - 1959
Bridge, Kennedy James, B.A. - - - - - - 1963
Britton, Robert John, A.U.A. (Arts and Educn.) - - - - - - - - - - - - 1963
Brokensha, Alan Richard, B.Sc. - - - - - 1964
Brook, Richard John, B.Sc. - - - - - - 1961
Brown, Henry, M.A. - - - - - - - - 1924
Brown, Donald Edgar - - - - - - - - 1954
Brown, Norman, B.A. - - - - - - - - 1960
Brown, Reginald Dutton, B.Ec. - - - - - 1947
Bull, Winifred, B.A. - - - - - - - - 1948
Bunney, Bronte Rowland, B.Sc. - - - - - 1957
Burdon, Ivor Leslie, B.A. - - - - - - - 1945
Burfield, Arthur, B.A. - - - - - - - - 1954
Burnard, Charles Robert - - - - - - - - 1948
Burns, Esther - - - - - - - - - - - 1949
Burton, Dudley Hopetoun, B.A. - - - - - 1941
Butcher, Alan Edward, B.A. - - - - - - 1933
Butler, Kathleen Fiona, B.A. - - - - - - 1948
Butler, Pamela Margaret, B.Sc. - - - - - 1958
Campbell, Archibald Herbert, B.A. - - - - 1939
Cannell, Cedric James, B.Sc. - - - - - - 1942
Cant, Alister McKinnon, B.A. - - - - - - 1944
Carmen, Noel Francis, B.A. - - - - - - 1951
Carthew, Lancelot, B.A. - - - - - - - 1950
Cavenett, Horace Clifford - - - - - - - 1945
Cawte, Frederick George Nelson - - - - - 1942
Chalklen, Roland John, B.A. - - - - - - 1960
Chamberlain, Dawn, B.A. - - - - - - - 1964
Chant, Barry Mostyn, B.A. - - - - - - - 1963
Chapman, John Marsden, B.A. - - - - - - 1940
Charlesworth, Jennifer Joy, B.A. - - - - 1964
Charlesworth, Thomas William, M.A. - - - 1947
Chittleborough, Glen, B.Sc. - - - - - - 1960
Chittleborough, Lyall, B.A. - - - - - - 1963
Chittleborough, Wendy Lois, B.A. - - - - - 1963
Clapp, Edwin Kenneth Hamilton, A.U.A. - - 1961
Clark, Henry William, B.A. - - - - - - 1954
Clarke, Brian Russell, B.Sc., A.U.A. (Arts and Educn.) - - - - - - - - - - - 1963
Clarke, Phil Gregory, B.A. - - - - - - 1952
Cleggett, Lloyd - - - - - - - - - - 1955
Clements, John Wreford, A.U.A. - - - - - 1962
Close, Maynard Davidson, B.A. - - - - - 1948
Close, Ronald Wilkinson, B.Sc. - - - - - 1945
Cochrane, Heather Bernice - - - - - - - 1958
Coggins, Harold Douglas, B.Sc. - - - - - 1955
Coggins, Robert Symes, B.Sc. - - - - - - 1952
Coker, John Godfrey, A.U.A. (Arts and Educn.) - - - - - - - - - - - - 1962
Coleman, Isobel Beryl Jean, B.A. - - - - - 1949
Collins, Charles Vincent, B.A. - - - - - - 1940
Connole, Patricia Ann, B.A. - - - - - - 1963
Cornelius, Muriel Merle, B.A. - - - - - - 1956
Corrigan, Lawrence Joseph - - - - - - - 1930
Cosgrove, Bernard Augustin, B.A. - - - - 1945
Cosh, James Malthouse, B.A. - - - - - - 1949
Counsell, Ruth Kingsley, B.A. - - - - - - 1955
Cramer, Gerard Leigh, B.A. - - - - - - - 1952
Cramond, Margaret Mary Alyn, B.A. - - - - 1956
Cropley, Arthur John, B.A. - - - - - - - 1960
Cross, Jack - - - - - - - - - - - 1957
Crowe, Elizabeth Mary, B.A. - - - - - - 1954
Cusack, John Charles, B.Sc. - - - - - - 1959
Dack, Thomas, B.A. - - - - - - - - - 1938
Daddow, Henry Howard, B.A. - - - - - - 1943
Dally, John Alton, B.A. - - - - - - - - 1963
Danielsen, Fredrick Graham, B.Sc. - - - - 1964
Darzins, Dace, B.A. - - - - - - - - - 1963
David, John Fairhall, B.A., B.Ec. - - - - 1964
Davies, Natalia, B.A. - - - - - - - - - 1940
Davis, Robert Bruce, B.A. - - - - - - - 1950
Davison, Gordon William, B.A. - - - - - - 1938
Daw, William Ronald - - - - - - - - - 1954
Deacon, Merrowyn May, B.A., A.U.A. (Music) 1964
Deer, John Gregory, B.Sc. - - - - - - - 1956
Dempster, Beryl Joan, B.A. - - - - - - - 1964
Dennis, Alan Henry, B.A. - - - - - - - - 1953
Dennis, William Norman, B.Sc. - - - - - - 1958
Densley, Mary Muriel, B.A. - - - - - - - 1964
Dent, Marjorie, B.A. - - - - - - - - - 1960
Dent, Nancy, B.A. - - - - - - - - - - 1962
Denton, David Ross, B.A. - - - - - - - - 1963
Dinning, Alfred Ernest, B.A. - - - - - - - 1933
Dinning, Rodney Alfred Brady, B.A. - - - - 1956
Doman, Mary Gladys, B.A. - - - - - - - 1961
Donaldson, Pamela Margaret, B.A. - - - - 1961
Donnellan, Teresa Marie, B.A. - - - - - - 1950
Dowdy, Norman James, B.A. - - - - - - - 1949
Downs, George William, B.A. - - - - - - - 1948
Doyle, William Albert, B.A. - - - - - - - 1964
Dungey, Kevin Leonard, B.A. - - - - - - - 1944
Dunlop, Walter James, B.A. - - - - - - - 1958
Dunn, Edith Marie, B.A. - - - - - - - - 1942
Dunn, John Gilding, B.A. - - - - - - - - 1963
Dunn, Sydney Stephen, B.A. - - - - - - - 1951
Dwyer, Ann Maud, B.A. - - - - - - - - 1964
Dyster, Thomas, B.A. - - - - - - - - - 1956
East, Vernon Roy, B.A. - - - - - - - - 1948
Eckert, Lexley Frank - - - - - - - - - 1960
Eden, Owen Frederick, B.Sc. - - - - - - - 1951
Edgar, Heather Mary, B.A. - - - - - - - 1960
Edwards, Philip Glen, B.Sc. - - - - - - - 1961
Edwards, Victor Wilfred Alcom, B.A. - - - 1948
Elder, Audrey Olive, B.A. - - - - - - - - 1950
Eley, Agnes May, B.A. - - - - - - - - - 1948
England, Gerald Clifford, B.A. - - - - - - 1962
Esselbach, Rodney, B.A. - - - - - - - - 1958
Evans, Mary, B.A. - - - - - - - - - - 1941
Ewers, William David, B.A. - - - - - - - 1940
Eyers, Vivian George, B.Sc. - - - - - - - 1959
Falkenberg, Walter Edwin, B.A. - - - - - - 1942
Farmer, Helen Robinson, B.A. - - - - - - 1948
Farrell, Edward Francis, B.A. - - - - - - 1944
Farrow, Murray Aubrey, B.A. - - - - - - - 1947
Farrow, Robert Murray - - - - - - - - 1956
Faull, James Francis, A.U.A. (Arts and Educn.) - - - - - - - - - - - - 1964
Featherstone, Dora Bewlay, B.A. - - - - - - 1923
Fechner, Martin Johann Traugott, B.A. - - - 1940
Fehlberg, Tasman Julius August, B.A. - - - 1942
Fergusson, George Robert, B.A. - - - - - - 1955
Field, Alan Kimber, B.A. - - - - - - - - 1958
Finn, Beatrice Mary, B.A. - - - - - - - - 1943
Fisher, Ruben Walter Alfred, B.A. - - - - - 1950
Fitzgerald, Bartholomew John, B.A. - - - - 1932
Fitzgerald, Clarence Lindsay, B.A. - - - - 1954
Fitzpatrick, Alexander Thomas, B.A. (Melb.) 1954
Fitzpatrick, Clifford George, B.Sc. - - - - 1952
Flower, Clifford Horace Kenneth Dunn, B.Sc. 1928
Flynn, Kevin John, B.A. - - - - - - - - 1942
Forbes, William, B.A. - - - - - - - - - 1939
Forsyth, Elliott Christopher, B.A. - - - - - 1950
Freidenfelds, Mara, B.Sc. - - - - - - - - 1963
Fricker, Lyall Peterie, B.Sc. - - - - - - - 1951
Fuller, Geoffrey Roy, B.Sc. - - - - - - - - 1963
Fulton, Gwen Evelyn Hamilton, M.A. - - - - 1945
Gann, Eric Crump, B.A. - - - - - - - - 1954
Gare, Lloyd, B.Sc. - - - - - - - - - - 1938
Gaskell, Joan Mary, B.A. - - - - - - - - 1955
Gazard, Geoffrey Albion - - - - - - - - 1949
Gent, Alan Franklin, B.A. - - - - - - - - 1950
Georg, Victor Gerhard, B.A. - - - - - - - 1952
George, David Charles, B.Sc. - - - - - - - 1964
Gerlach, Max Johann, B.A. - - - - - - - - 1927
Geytenbeek, David Robert, B.Sc. - - - - - - 1959
Gibbs, Alfred Lewis Burnand - - - - - - - 1949
Gibson, Ernest Stephen Harvey, M.Sc. - - - 1942
Gibson, Gladys Ruth, B.A. - - - - - - - - 1940
Gibson, Graham Coyne, B.A. - - - - - - - 1953
Giddings, Keith, B.A. - - - - - - - - - 1963
Giersch, Leonard Ernst, B.A. - - - - - - - 1948
Gilchrist, Robert James - - - - - - - - - 1950
Giles, James Ramsay, B.A. - - - - - - - - 1962
Gilham, James Edgar, B.A. - - - - - - - 1959

Gill, Clarence William, B.A. - - - - - - 1940
Glastonbury, Dudley Ivan, B.A., B.Sc. - - 1935
Glastonbury, James Oliver Garnet, B.A., B.Sc. 1934
Gliddon, William Aquilla Robert James, B.A. 1959
Glynn-R[illegible]e, Wilfred Joseph - - - - - 1950
Gobbett, Donald Lyon, B.A. - - - - - 1963
Gobbett, Estelle Margaret, B.A. - - - - 1963
Golding, Edmond William, B.A. - - - - 1951
Golding, Phyllis May, B.A. - - - - - - 1954
Goldney, David Charles, B.Sc. - - - - - 1963
Goldsworthy, David, B.A. - - - - - - 1959
Goldsworthy, John Garfield, M.A. - - - - 1951
Goldsworthy, Reuben, B.Sc. - - - - - 1954
Gooden, Edgar Whitridge, B.Sc. - - - - 1959
Gooden, Rosalind Mary, B.Sc. - - - - - 1961
Gould, Ian Morris, B.Sc. - - - - - - 1964
Graham, Mary Theresa, M.A. - - - - - - 1940
Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.) - 1961
Green, Richard Maslen, B.A. - - - - - 1940
Griggs, Clarence Middleton, B.Sc. - - - - 1928
Grosvenor, Edna Mary, M.A. - - - - - 1951
Gunn, James Allan Baikie, B.A. - - - - 1963
Gunton, James Donald, B.A. - - - - - 1940
Gurry, David Cyril, B.A. - - - - - - 1964
Haden, John Forbes, B.A. - - - - - - 1955
Haese, Frederick Ernest Douglas, B.A. - - 1952
Hague, John Stanley, B.A. - - - - - - 1961
Haines, Murray David, B.A. - - - - - 1959
Hansberry, John Pierce, B.A. - - - - - 1949
Hansberry, Mary Estelle, B.Sc. - - - - - 1953
Hansen, Ian Victor, B.A. - - - - - - 1954
Harper, Ronald George, B.A. - - - - - 1941
Harrington, Colin - - - - - - - - 1949
Harrip, Brian John, B.A. - - - - - - 1955
Harris, Donald Dunstan, M.A. - - - - - 1934
Harris, Dudley Andrew, B.A. - - - - - 1940
Harris, Lorna Muriel, B.A. - - - - - - 1950
Harris, Shirley Joyce, B.A. - - - - - - 1948
Harrison, Howard Raymond, B.A., B.Sc. - - 1964
Hart, Arthur Maxwell - - - - - - - 1950
Harvie, Sydney Haral, B.Sc. - - - - - - 1938
Hasenhor, Edward, B.A. - - - - - - - 1952
Hauser, Frederick Herbert, B.A. - - - - 1934
Hawke, Cynthia Joy, B.A. - - - - - - 1961
Hayward, Walter Richard, B.A. - - - - - 1937
Healey, Nora Kate, B.A. - - - - - - - 1941
Heidenrich, George Bernhardt Franz, B.A. - 1948
Heinemann, Mervyn Lambert, B.A. - - - - 1948
Henderson, Margaret Evelyn, B.A. - - - - 1960
Herman, Eugene, B.A. - - - - - - - - 1964
Heuzenroeder, John Mathwin, B.A. - - - - 1963
Hewitson, Helen Margaret, B.A. - - - - - 1962
Hewitson, Malcolm Thomas, B.A. - - - - - 1955
Hickey, Kathleen Veronica, B.A. - - - - 1950
Higginbottom, Edwin Corlett, B.A. - - - - 1929
Higgins, Alfred James, B.A. - - - - - 1950
Hilbig, Paul Berthold, B.A. - - - - - - 1935
Hill, Ivan William, B.Sc. - - - - - - - 1964
Hill, John Albert, B.Sc. - - - - - - - - 1963
Hilton, Arthur Robert, B.A. - - - - - - 1936
Hirst, Ronald Robert, B.Ec. - - - - - - 1944
Hiskey, Thomas Alan, B.A. - - - - - - - 1951
Holland, Joan, B.A. - - - - - - - - - 1948
Holley, Maurice Frederick, B.Sc. - - - - - 1962
Holmes, Angas Spooner, B.A. - - - - - - 1957
Honey, Anne Elizabeth, B.A. - - - - - - 1963
Hooper, John Robert, B.A. - - - - - - - 1960
Horner, Frances Jane, B.A. - - - - - - 1962
Hoskins, Howard Berthold, B.A. - - - - - 1938
Howard, Ephrem, B.A. - - - - - - - - 1940
Howlett, Diana Rosemary, B.A. - - - - - 1959
Howlett, Nellie Ruth, B.A. - - - - - - - 1944
Howlett, Philip Thomas Michael, B.A. - - - 1944
Hume, Beryl May, B.A. - - - - - - - - 1960
Humphries, Arthur Cecil George - - - - - 1941
Hunkin, Milton Philip, B.A. - - - - - - 1958
Hurn, Pamela Junette, B.A. - - - - - - 1964
Hutson, Walter William - - - - - - - 1945
Hutton, Alan Victor, B.A. - - - - - - - 1963
Hyde, Alan Graham, B.Ec. - - - - - - - 1955
Ireland, Norman Arthur, B.A. - - - - - - 1924
Isom, Constance Ruth, B.A. - - - - - - 1942
Jenkin, Alfred John Roseland, B.A. - - - - 1939
Jenkins, Rex Desmond, B.A. - - - - - - 1943
Johncock, Ernest Harry, M.A. - - - - - - 1929
Jolly, William Richard Norman, B.A., B.Sc. - 1939
Jones, Albert Walter, B.A., B.Sc. - - - - - 1939
Jones, Michael John, B.A. - - - - - - - 1962
Jones, Reginald John, B.A. - - - - - - - 1954
Jordan, Deirdre Frances, B.A. - - - - - - 1951

Judd, James, B.A. - - - - - - - - - - 1956
Juett, Christina Margaret, B.A. - - - - - - 1943
Kean, Eileen Margaret, M.A. - - - - - - 1954
Keane, Mary Veronica, B.A. - - - - - - - 1964
Kearney, Bernard James - - - - - - - 1949
Kelly, Ellen, B.A. - - - - - - - - - 1934
Kelly, Frank Reginald - - - - - - - - 1961
Kenny, Martin Lance, B.A. - - - - - - - 1942
Keon-Cohen, Russell Hallel, M.A. (Melb.) - 1947
Kerin, John Francis, B.A. - - - - - - - 1956
Kerslake, William James - - - - - - - 1942
Kesting, Louis John, B.A. - - - - - - - 1945
Keynes, Nanette Joan, B.A. - - - - - - - 1950
Kies, Alick Andrew, B.A. - - - - - - - 1948
Kieselbach, Patricia, B.A. - - - - - - - 1964
Kildea, Mary Francis, B.A. - - - - - - 1941
Kimber, Robert James, B.A. - - - - - - - 1964
Klaebe, Ruth Adelaide, B.A. - - - - - - 1951
Kloeden, Louis Adolph, B.A. - - - - - - 1951
Knauerhase, Oscar Carl, B.A. - - - - - - 1938
Knight, Russell William, B.A. (Econ.) (Manc.) 1958
Koehne, Raymond Percy, B.A. - - - - - - 1948
Kohler, Bryce Leonard Percival - - - - - 1955
Laidlaw, William Clarke, B.A. - - - - - 1940
Lamacraft, Kenneth Ronald Ross, B.A. - - - 1955
Lamborne, Maxwell Addison, B.A. - - - - - 1963
Lamey, Charles Sydney, B.A. - - - - - - 1937
Lang, Ian Philip, B.Sc. - - - - - - - - 1957
Laslett, Ian John, B.Sc. - - - - - - - - 1954
Latz, Clement Victor, B.Sc. - - - - - - 1963
Laubsch, Colin Andrew, B.Sc. - - - - - - 1958
Lawry, Reginald Arthur, B.A. - - - - - - 1947
Lazaroff, Nicholas, B.Sc. - - - - - - - 1964
Leach, William Valentine, M.A., Dip.Econ. - 1928
Leditschke, Margaret Mary Caroline, B.A. - 1959
Lemcke, Vincent Andrew Howard, B.A. - - 1949
Lemmey, Ford Prall, B.A. - - - - - - - 1955
Leske, Elmore, B.A. - - - - - - - - - 1960
Lewis, Leonard Arthur, B.Sc. - - - - - - 1947
Lewis, Raymond Douglas, B.Sc. - - - - - 1943
Lewis, Richard Owen, B.A. - - - - - - 1959
Lillecrapp, Douglas Arthur Julian, B.A. - - 1950
Lillywhite, Myra Jean, B.A. - - - - - - 1963
Lloyd, Edward John, B.Sc. - - - - - - 1964
Loffler, Donald Arthur, B.A. - - - - - - 1962
Longbottom, Maxwell Ernest, B.A. - - - - 1962
Lord, Eric Ross, B.A. - - - - - - - - - 1961
Lowke, John James, B.Sc. - - - - - - - 1958
Lush, Anita Rose, B.A. - - - - - - - - 1960
Lushey, Harold Merton, M.A. - - - - - - 1930
Lynch, John Henry, B.A. - - - - - - - 1950
Lyon, John Forbes, B.Sc. - - - - - - - 1962
McCarthy, Burnard, B.A. - - - - - - - 1942
McCracken, Samuel Raymond - - - - - - 1958
McCullough, Amy Margaret, B.A. - - - - - 1945
McDonald, Donald Stuart, B.A. - - - - - 1945
McDonald, Gilbert Sherman, B.A. - - - - 1934
McDonald, John Hunter, B.A. - - - - - - 1936
McDonald, Percy William, B.A. - - - - - 1940
McDonald, Peter Baker, B.A. - - - - - - 1957
McElroy, Anthony Godfrey - - - - - - - 1947
McEvoy, Aloysius John, B.A. - - - - - - 1942
McGowan, George Murray, B.A. - - - - - 1940
McGuire, Anthony Christopher, B.A. (Diploma in Secondary Educn., 1962) - - - - - - 1960
McIntosh, Florence - - - - - - - - - 1945
McKay, Malcolm William, B.A. - - - - - 1938
McKinnon, Robert Campbell, B.A. - - - - 1936
McLean, Murray Colin, B.A. - - - - - - 1951
McLean, Reginald Alexander, B.A. - - - - 1936
McMillan, Stanley Lyall, B.A., B.Sc. - - - 1960
McMutrie, Alfred Ian, B.A. - - - - - - 1939
McMutrie, Colin, B.A. - - - - - - - - 1939
McPharlin, Alison Tudor, B.A. - - - - - 1957
McPherson, Alexander Owen, M.A., B.Sc. - - 1939
Macklin, Laura Muriel Caterer, B.A. - - - - 1939
Macklin, William Charles, B.Sc. - - - - - 1956
Macpherson, Reginald Murray, B.A. - - - - 1948
Magor, Clifford James, M.A. - - - - - - 1945
Magor, Irvine Frank, B.A. - - - - - - - 1943
Magor, William Alwyn Roy, A.U.A. (Arts and Educn.) - - - - - - - - - - - - 1963
Manhood, Cleve Charles, B.A. - - - - - 1964
Mann, Airdrie Jean, B.A. - - - - - - - 1961
Manser, William Lloyd, B.A. - - - - - - 1964
Manuel, Deane James Hubert, B.Ec. - - - - 1952
Marks, Monica Mary, B.A. - - - - - - - 1960
Marsh, Douglas Stanton, A.U.A. (Arts and Educn.) - - - - - - - - - - - - 1964
Marshall, Herbert Edmund, B.A. - - - - - 1941

Marshman, Ashley Mead, B.A. - - - - - 1950
McLay, Andrew Harold, B.A. - - - - - 1954
Martin, Alfred William, B.A. - - - - - 1953
Martin, Amalia Anna, B.A. - - - - - 1941
Martin, Lesley Meredithe, B.A. - - - - - 1963
Martin, Maurice Leon, B.A., B.Sc. - - - 1955
Martin, Ralph Keith, B.A. - - - - - 1948
Martin, Walter Raymond, B.A. - - - - - 1941
Maschmedt, Zillah Daisy, B.A. - - - - 1940
Masters, Bernard Lincolne, B.A. - - - - 1960
Materne, Desmond Eric, B.A. - - - - - 1959
Matters, Horace John - - - - - - - 1950
Matthews, Richard Trahair, B.A. - - - - 1943
Mattingley, Brian John, B.A. - - - - - 1939
Mattner, Aubrey Laurence, B.Sc. - - - - 1964
May, Dorothy Mary, B.A. - - - - - - 1948
May, Elizabeth Ann, B.Sc. - - - - - 1964
May, Leonard Seymour, B.Sc. - - - - - 1939
Mayer, Rolph William, B.A. - - - - - - 1964
Maynard, Donald Archer Scott, B.Sc. - - 1940
Maynard, Robert Keith, B.Sc. - - - - - 1964
Maguire, John Charles, B.A. - - - - - 1947
Measday, Ellen May, B.A. - - - - - - 1947
Measday, Shirley, B.A. - - - - - - - 1949
Middleton, Melville John William, B.A. - - 1943
Miller, Annie Rose, B.A. - - - - - - 1948
Mills, John Murray, B.A. - - - - - - 1959
Milne, Annie Johnson, B.A. - - - - - 1939
Mitchell, Albert Leonard, B.A. - - - - - 1960
Mitchell, Annie Nora - - - - - - - 1938
Mitchell, Robert John, B.Sc. - - - - - 1964
Mitchell, Zonne Marion, B.A. - - - - - 1959
Molloy, Raymond Brian, B.A. - - - - - - 1951
Moore, John Robert, B.A. (Western Australia) 1960
Moore, Neville Stanley, B.A. - - - - - 1958
Morris, John Lennox, B.A. - - - - - - 1954
Morris, Maxwell Arthur, A.U.A. - - - - 1961
Mudge, Margaret, B.A. - - - - - - - 1958
Mueller, Edwin Albert, B.A. - - - - - 1954
Mueller, Rae Vernon, B.Sc. - - - - - 1954
Muetzefeldt, Elfriede, B.A. - - - - - 1941
Mugford, Rex Ernest, B.A. - - - - - - 1962
Mules, Betty Lavina, B.A. - - - - - - 1950
Mundy, Kevin Arnold, B.A. - - - - - 1942
Murphy, Mary, B.A. - - - - - - - - 1938
Murphy, Shylie Patricia, B.A. - - - - - 1948
Murrie, Jill Margaret, B.A. - - - - - - 1957
Nettelbeck, David Clive, B.A. - - - - - 1962
Nicholas, Rowland John, B.A. - - - - - 1944
Nicholls, Barbara Ruru, B.A. - - - - - 1947
Nichols, Terence Ivan, B.Sc. - - - - - 1962
Nichterlein, Frieda Pauline, B.A. - - - - 1955
Nickolai, Max Ronald, B.Sc. - - - - - 1955
Nietz, Arno Oscar, B.A. - - - - - - 1953
Ninnes, Arthur Reginald, B.A. - - - - - 1944
Nitschke, Peter John, B.Sc. - - - - - - 1964
Noblett, Hedley Lindsay, B.A. - - - - - 1939
Nottle, Geoffrey Edward, B.A. - - - - - 1959
Nunan, Douglas Stephen, B.A. - - - - - 1963
O'Brien, Francis John Romuald, B.A. - - - 1954
Ockenden, Garth Palmer - - - - - - - 1950
O'Connell, William Bernard, M.A. - - - - 1945
O'Connor, Deirdre Catherine, B.A. - - - - 1958
O'Connor, Peter Joseph, B.A. - - - - - 1955
O'Grady, Maureen Therese, B.Sc. - - - - 1963
O'Malley, John Edwin, B.A. - - - - - 1949
O'Neill, Cornelius Patrick, B.A. - - - - 1951
O'Neill, Marguerite, B.A. - - - - - - 1950
Osman, Neile, M.A. - - - - - - - - 1948
Owen, Gwenyth Winsome, B.A. - - - - - 1945
Page, Eleanor Florence, B.A. - - - - - 1943
Pak-Poy, Patricia Geraldine, B.A. - - - - 1964
Pallant, Donald James, B.A. - - - - - - 1962
Parkes, Roy Frederick Walter - - - - - 1952
Parkinson, Kevin John, B.Sc. - - - - - 1955
Parsons, Colin, B.A. - - - - - - - - 1959
Parsons, Edward Clarence, B.A. - - - - - 1941
Parsons, William Ross, B.A. - - - - - 1951
Pash, Hannah Rita, B.A. - - - - - - 1934
Patching, Allan Ralph, B.Sc. - - - - - 1964
Paull, Alec Gordon, M.A., B.Sc. - - - - 1934
Payne, George Basil, B.A. - - - - - - 1938
Pearce, Alfred Moreton, B.A. - - - - - 1953
Pearce, Charles Clifton, B.A. - - - - - 1940
Pearman, Reginald John, B.Sc. - - - - - 1957
Pearson, Howard James, B.A. - - - - - 1941
Pearson, Leslie Norman, B.A. - - - - - 1943
Pedlow, Clarice, B.Sc. - - - - - - - 1944
Pennicott, Ralph William - - - - - - 1953
Pennington, Beryl, B.A. - - - - - - - 1945
Penny, Hubert Harry, B.A. - - - - - - 1930

Perry, Dulcie May, B.A. - - - - - - - 1941
Peters, George Francis, B.Sc. - - - - - - 1953
Peterson, Jean Clarice, B.A. - - - - - - 1942
Phillips, Gordon Gilbert, B.A. - - - - - 1947
Phillips, William John, B.A. - - - - - - 1963
Pitman, Beresford Ernest, B.A., B.Sc. - - - 1949
Polkinghorne, Keith, B.A. - - - - - - - 1939
Porter, Harold George, B.A. - - - - - - 1942
Power, Frances Maureen, B.A. - - - - - 1956
Prest, Robert Henry, B.A. - - - - - - - 1960
Price, Ione Dorothy, B.A. - - - - - - - 1949
Price, Judith Helen, B.Sc. - - - - - - - 1963
Prime, Andree Joyce, B.A. - - - - - - - 1949
Proctor, Ivy Millicent, B.A. - - - - - - 1939
Provis, Douglas Franklin, B.Sc. - - - - - 1953
Pryor, Eric John, B.A. - - - - - - - - 1941
Purslow, Martin, B.A. - - - - - - - - 1956
Pyne, Maurice Ignatius, B.A. - - - - - - 1929
Rabone, Elaine Thelma, B.A. - - - - - - 1961
Rabone, Harry Klements Percival, B.A. - - - 1941
Radcliffe, Sheila, B.A. - - - - - - - - 1953
Ramsey, Gregor Allen, B.Sc. - - - - - - 1961
Rawnsley, Stella, B.A. - - - - - - - - 1963
Ray, Marjorie, B.A. - - - - - - - - - 1951
Read, John Herbert, B.A. - - - - - - - 1959
Read, Philip Andreas, B.A. - - - - - - 1941
Redden, Martin Philip, B.A. - - - - - - 1934
Redin, Lewis Charles, B.A. - - - - - - 1959
Redman, Susan Paquita, B.A. - - - - - 1964
Redpath, Lynda Rosamond, B.A. - - - - - 1964
Redstone, Frank, B.A. - - - - - - - - 1960
Reed, Barbara - - - - - - - - - - 1954
Rehn, Denzil Farnham, B.A. - - - - - - 1958
Rendell, Alan, Dip.Econ. - - - - - - - 1929
Renner, Johannes Theodore Erich, B.A. - - - 1954
Reynolds, Maxwell Stanley, B.A. - - - - 1950
Richards, Gordon Alfred, B.A. - - - - - 1940
Richards, William Edward, B.A. - - - - - 1953
Richardson, Ruth Mary Desmond - - - - - 1958
Riedel, Felix Daniel, B.A. - - - - - - - 1954
Rigter, Gerard Theodore Joseph, B.A. - - - 1963
Roberts, Beatrice Enid Lloyd, B.A. (Bristol) - 1957
Roberts, Jennefer Mary, B.A. - - - - - - 1960
Roberts, John Desmond, B.A. - - - - - - 1960
Roberts, Roy, B.A. - - - - - - - - - 1961
Robinson, Samuel Foster - - - - - - - - 1922
Robson, Bruce Neville, B.Sc. (Tasmania) - - 1956
Rodgers, Frances Ada, B.A. - - - - - - 1938
Roehrs, Herma Erika, B.A. - - - - - - 1953
Rogers, Ruth Nellie, B.A. - - - - - - - 1956
Rooney, Clifford, B.Sc. - - - - - - - - 1938
Rooney, Lois Josephine, B.A. - - - - - - 1948
Ross, Margaret Anne, B.A. - - - - - - - 1964
Routley, Peter Herbert, B.A. - - - - - - 1960
Rudd, Kenneth Clive, B.A. - - - - - - - 1947
Rumpff, Sally Anne, B.A. - - - - - - - 1964
Ryan, Brendan Patrick, B.Sc. - - - - - - 1964
Ryan, Michael Rupert, B.A. - - - - - - 1941
Sage, Harold Robert, B.A. - - - - - - - 1954
Salkeld, Jennefer Anne Vickridge, B.Sc. - - 1964
Sandercock, Alfred Mervyn, B.A. - - - - - 1938
Sando, Clarice Melva - - - - - - - - 1955
Saunders, Bryan Gordon Reginald, B.A. (North Staff) - - - - - - - - - - - - 1957
Saunders, Graham Edward, B.A. - - - - - 1962
Schubert, Heather Jean, B.A. - - - - - - 1964
Searle, Clifford Alfred James, B.A. - - - - 1940
Secombe, Margaret Joyce, B.A. - - - - - 1964
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
Shaw, Joan Hambly, B.A. - - - - - - - - 1964
Shaw, John Robert Stockdale, M.A. - - - - 1942
Shaw, Kate Hambly, B.A. - - - - - - - - 1937
Shepherd, John Alfred, B.A. - - - - - - 1942
Shinkfield, Anthony James, B.A. - - - - - 1957
Shrowder, Ronald Louis, B.A. - - - - - - 1943
Simpson, Penelope Margaret, B.Sc. - - - - 1953
Slee, Dugald Haughton, B.A., B.Sc. - - - - 1940
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956) - - - - - 1951
Smallacombe, Roy Frederick, B.A. - - - - 1955
Smith, Alick Hardy, B.A. - - - - - - - 1963
Smith, David Carswell, B.A. - - - - - - 1939
Smith, Donald Powell, A.U.A. - - - - - - 1962
Smith, Edward Rowland, B.Sc. - - - - - - 1945
Smith, Henry Elliott Wesley, B.A. - - - - 1938
Smith, Joan Francis, B.A. - - - - - - - 1953
Smith, John Fife, B.A. - - - - - - - - 1939

Smith, John Henry, A.U.A. - - - - - - 1955
Smith, Sheila Isabel Wesley, B.A. - - - - 1947
Sobey, Iris Beatrice, B.A. - - - - - - 1956
Spargo, Stanley Carr, B.A. - - - - - - 1939
Sparrow, Lorna Discombe, M.A. - - - - 1941
Spratt, James Arthur Henry, B.A., B.Sc. - - 1963
Staude, Clarence Herman, B.A. - - - - 1958
Stanley, Raymond John - - - - - - - 1958
Stead, Sydney Arnold, B.Sc. - - - - - 1949
Steinle, John Richard, B.A. - - - - - 1959
Stodart, Barbara Joan, B.A. - - - - - 1957
Storch, Wilhelm Murray, B.A. - - - - - 1949
Strahan, Anthony William, B.A. - - - - 1939
Sugg, Bentham Horace, B.A. - - - - - 1940
Swanson, Albert Frederick Daniel, B.A. - - 1960
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Education, 1943) - - - - - - 1939
Symonds, Wybert Milton Caust, B.Sc. - - 1939
Tabor, Barbara, B.A. - - - - - - - - 1963
Tapp, Adrian Lynda, B.A. - - - - - - 1928
Ternan, Verna Joyce, B.A. - - - - - - 1945
Theobald, Howard Wesley - - - - - - 1954
Thiel, Colin Victor, B.Sc. - - - - - - 1962
Thiele, Colin Milton, B.A. - - - - - - 1947
Thompson, Douglas Norman, B.Sc. - - - 1955
Thompson, William, B.A. - - - - - - - 1941
Thorpe, Geoffrey William, B.A. - - - - 1961
Tilbrook, Percival Montrose Torr, B.A. - - 1964
Tiller, Kenneth Matthew John, B.A., B.Sc. - 1956
Tillett, Peter Irwyn, B.Sc. - - - - - - 1958
Tilly, Graham John, B.Sc. - - - - - - 1960
Tomlinson, Betty Mary, B.A. - - - - - 1950
Tonkin, Mary Elizabeth, B.A. - - - - - 1952
Tonkin, Verna Iris, B.Sc. - - - - - - 1964
Torr, Shirley Constance - - - - - - - 1944
Townsend, Herbert Louis, B.A. - - - - 1945
Traeger, Keith Terence, B.A. - - - - - 1950
Treasure, Eunice Jessie, B.A. - - - - - 1947
Treasure, Valda Beth, B.A. - - - - - 1953
Trebilcock, David, B.A. - - - - - - - 1964
Tregenza, Sydney Lloyd, B.A. - - - - - 1935
Trenorden, James Henry - - - - - - 1945
Trudinger, Ronald Martin, B.A. - - - - 1944
Tuckwell, Eric Clavering, B.A. - - - - 1945
Tuckwell, Kenelm Sinclair, B.A. - - - - 1945
Turner, Constance Mary, B.A. - - - - - 1954
Twartz, Arnold Frederick, B.Sc. - - - - 1944
Twartz, Clement Wilford - - - - - - 1950
Verrall, Raymond Wilfred, B.A. - - - - 1942
Vickery, Frederick Arthur, M.A. - - - - 1935
Wache, Ethel Mabel, B.A. - - - - - - 1941
Wachtel, Heinrich Lenhart, A.U.A. - - - 1956
Wagstaff, Rosemary, B.A. - - - - - - - 1963
Waite, Jack Francis Enos, B.A. - - - - 1939
Waite, Peter John, B.Sc. - - - - - - 1964
Wakeford, Sidney Claud, B.A. - - - - - 1939
Walker, Gilbert John, B.A. - - - - - - 1944
Wallace, Francis Joseph - - - - - - - 1953
Walsh, Margaret Mary, B.A. - - - - - - 1960
Walter, Denys - - - - - - - - - - 1955
Ward, Margaret Kennings, B.A. - - - - - 1953
Ware, Dorothy Alice, B.A. - - - - - - 1962
Warren, Donald Hampton, B.A. - - - - - 1955
Warren, Sidney Lilla, B.A. - - - - - - 1927
Watkinson, Mavis Daphne, B.A. - - - - - 1942
Wattchow, Colin Edward, B.A. - - - - - 1954
Watts, Ruth Emily, B.A. - - - - - - - 1964
Wauchope, Mavis Lorelie, B.A. - - - - - 1929
Waugh, William McDonald, B.A. - - - - - 1952
Wayne-Smith, Reginald John - - - - - - 1953
Webb, Emmaline Nancy, B.A. - - - - - 1952
Webber, Brian John, B.Sc. - - - - - - - 1963
Webber, Ian James, B.A. - - - - - - - 1963
Webber, Muriel Esmé Jill, B.A. - - - - - 1959
Wells, Margaret Elisabeth, B.A. - - - - - 1964
Welsh, James Oglesby, B.A. - - - - - - 1951
Were, Keith Francis, B.A. - - - - - - - 1962
Westgarth, Walter Tebble, B.A. - - - - - 1928
Whalan, Lionel Walter, B.A. - - - - - - 1950
Wheaton, Neville Kingsley, B.Sc. - - - - - 1960
Whitburn, Jack, B.A. - - - - - - - - 1935
White, Stanley Noel, B.A. - - - - - - - 1957
Whitelaw, Albert James, B.A., B.Sc. - - - 1945
Whittle, Edith Julia, B.A. - - - - - - - 1954
Wiese, Margaret Helen, B.A. - - - - - - 1960
Wilkins, Ray Eber, B.A. - - - - - - - 1950
Wilkinson, Donald Cameron, B.A. - - - - 1955
Wilksch, Betty Ruth, B.A. - - - - - - - 1953
Wilksch, Lois Ruth, B.A. - - - - - - - 1962
Willcocks, Robert Douglas, B.Sc. - - - - 1954
Williams, Arthur Charles, B.Sc. - - - - - 1955
Williams, George Esson Keith, B.A. - - - - 1941
Williams, George Mervyn, B.Sc. - - - - - 1957
Williams, James Henry, B.A. - - - - - - 1922
Williams, Phillip Glenly, B.A. - - - - - 1943
Williams, Rona Lynette - - - - - - - - 1960
Williams, Walter Leslie, B.A. - - - - - - 1949
Willington, Lloyd Stanley - - - - - - - 1950
Wills, Lindsay Arthur, B.A. - - - - - - 1956
Wilson, Avis Jean, B.Sc. - - - - - - - 1958
Wilson, Francis Patrick - - - - - - - - 1943
Wilson, Jack Woodrow, B.Sc. - - - - - - 1943
Wilson, Luther Ernest Crosby, M.A., B.Sc. - 1939
Wood, Allen Edwin, B.A. - - - - - - - 1947
Wood, Colin James, B.A. - - - - - - - 1959
Wright, Angas Stanley, B.Sc. - - - - - - 1939
Yelland, Kathleen Norah, B.A. - - - - - 1959
Young, Caroline Agnes, B.A. - - - - - - 1964
Young, Joan Margaret, B.A. - - - - - - 1964
Zoratti, Alba Pierina, B.A. - - - - - - 1949
Zweck, John Everard, B.A. - - - - - - - 1962

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen - - - - - - - - 1955
Allen, Ursula Margaret - - - - - - - - 1957
Allert, Margaret Elizabeth - - - - - - 1943
Angwin, Helen Mary - - - - - - - - 1952
Arthur, Lawrie Edyvean - - - - - - - 1949
Aspinall, Nancie Jean - - - - - - - - 1944
Astley, Margaret Helen - - - - - - - - 1953
Baker, Mary Elizabeth - - - - - - - - 1942
Barker, Leon James Frank - - - - - - - 1957
Barnett, Frederick Ian - - - - - - - - 1956
Beare, Lynden Day - - - - - - - - - 1954
Bell, Thomas Clive Lithgow - - - - - - 1948
Betteridge, Pamela Beth - - - - - - - 1951
Betts, Beverlie Frances - - - - - - - - 1962
Bowman, Meredith Aileen - - - - - - - 1963
Braham, Henry Arnold Collyer - - - - - 1951
Brooks, Charles Alfred - - - - - - - - 1945
Bryce, Gordon - - - - - - - - - - 1962
Bullock, Ivor George William - - - - - 1950
Bungay, Valmai Gladys - - - - - - - - 1958
Cadzow, Leslie Consort - - - - - - - 1949
Carlson, Margaret Jean - - - - - - - - 1958
Chapman, Denise Alcon - - - - - - - - 1950
Cook, Heather Mignon - - - - - - - - 1947
Cooke, Jennifer Joan - - - - - - - - - 1964
Cooper, Brian James - - - - - - - - - 1954
Coppock, Jeanetta May - - - - - - - - 1943
Cox, Merilyn Ann - - - - - - - - - 1960
Crafter, Robert Roy - - - - - - - - - 1964
Crisp, Brian Rex - - - - - - - - - - 1952
Daly, John Alfred - - - - - - - - - - 1960
Dane, Beverley Ann Jennifer - - - - - - 1959
Davis, Colleen - - - - - - - - - - - 1962
Delanty, Patricia Hickford - - - - - - - 1949
Delsar, Frederick William - - - - - - - 1949
Drabsch, Alfred Felix, B.A. - - - - - - 1947
Duffield, Valma Jean - - - - - - - - 1953
Duncan, Prudence Ann - - - - - - - - 1960
Edge, Thomas George - - - - - - - - - 1958
Eldridge, Diana Melbourne - - - - - - 1950
Evins, Christine Mary - - - - - - - - 1963
Farmer, Judith Ellen - - - - - - - - 1957
Freebairn, Jeannette - - - - - - - - - 1962
Fromen, Petrea Elsie Dora - - - - - - - 1950
Gates, Ian George - - - - - - - - - 1958
Gilmour, Melvyn Bernard - - - - - - - 1964
Grace, Gloria Dawn - - - - - - - - - 1951
Grange, Mary Louise - - - - - - - - - 1958
Green, Ralph Noel - - - - - - - - - - 1952
Hage, Jillian Frances - - - - - - - - - 1964
Halbert, John Arno - - - - - - - - - - 1958
Halsey, Trevor Geoffrey - - - - - - - - 1954
Haslam, Denise Allison - - - - - - - - 1949
Hayes, Lindsay Milton - - - - - - - - - 1963
Henderson, Jovleen Faye - - - - - - - - 1962
Hodgson, Geoffrey Arthur - - - - - - - 1950

Horne, Leonard William - - - - - - - 1960
Horvat, Ludovic Henry - - - - - - - - 1941
Ising, Margaret Lucy - - - - - - - - 1942
Jensen, Richard Ian Broughton - - - - - 1950
Jericho, Lois Joy - - - - - - - - - 1960
Jude, Margaret Bowman - - - - - - - 1962
Kidman, Elizabeth Duncan - - - - - - 1942
Lapthorne, Robert Ingersoll - - - - - 1960
Lane, Denis Albert - - - - - - - - 1964
Laycock, Geoffrey Clinton - - - - - - 1948
Lines, Beryl Linda - - - - - - - - 1952
McCarthy, Graham Rees - - - - - - - 1960
McCord, Pamela Judith - - - - - - - 1964
McDowall, James - - - - - - - - - 1952
McGargill, Gordon Winstanley - - - - - 1949
MacGillivray, Leith Grant - - - - - - 1951
Maddocks, Jean Kinloch - - - - - - - 1944
Marsland, Brian Keith - - - - - - - 1961
Mellish, Mary Evelyn - - - - - - - 1954
Michelmore, Agnes - - - - - - - - 1958
Michelmore, Margaret - - - - - - - 1963
Moller, Christopher Brian - - - - - - 1964
Munn, Gary Reuben - - - - - - - - 1962
Mutton, Howard James Charles - - - - - 1948
Newman, Shirley Lena - - - - - - - 1954
Nixon, Valerie Colinette - - - - - - 1955
Noble, Alan - - - - - - - - - - 1950
O'Loughlin, Ruth Dorothy - - - - - - 1945
Paddick, Robert Joseph - - - - - - - 1961
Page, Ronne Earle - - - - - - - - 1944
Pavia, Grant Robert - - - - - - - - 1961
Proctor, Ivy Millicent, B.A. - - - - - - 1945
Pugh, Elizabeth - - - - - - - - - 1949
Quigley, Brian Maxwell - - - - - - - 1959
Reynolds, Maxwell Stanley - - - - - - 1944
Roberts, Owen David - - - - - - - - 1947
Rowe, Joy Dorothy - - - - - - - - 1950
Saint, Bryce Wesley - - - - - - - - 1958
Scheutz, Harold Edwin - - - - - - - 1947
Shakes, Dean John - - - - - - - - 1963
Sibly, John Maslin - - - - - - - - 1956
Sladden, Jefford Desmond - - - - - - 1949
Sladden, Richard Glenn - - - - - - - 1964
Snowden, Janette Daphne, B.A. - - - - - 1960
Snowden, Kendall Rita - - - - - - - 1964
Squires, Barry Watkins - - - - - - - 1964
Taylor, Philippa Helen - - - - - - - 1959
Telfer, Iris Claire - - - - - - - - 1956
Thomas, Margaret Anne - - - - - - - 1945
Torr, Alison Ruth - - - - - - - - 1950
Treagus, Edward Mervyn - - - - - - - 1959
Tuckwell, Patricia Glenne - - - - - - 1957
Tulloh, Helen Christine - - - - - - - 1963
Van Velsen, Carolyn Marie - - - - - - 1961
Watson, Margaret - - - - - - - - - 1953
Whalen, Harry Roy - - - - - - - - - 1961
Whittingham, Nancy Olive May - - - - - 1958
Williams, Margaret Gordon - - - - - - 1942
Williams, Rosemary Claire - - - - - - 1961
Williamson, Catherine Patricia - - - - - 1961
Wollaston, Elsie Margaretta, B.Sc. - - - - 1950
Wollaston, Philip Hamilton - - - - - - 1954
Wooldridge, Aileen Frances - - - - - - 1948

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

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

ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence - - - - - - 1959
Abraham, Monica - - - - - - - - - - 1962
Adey, Ronald Lawrence - - - - - - - - 1962
Ali, Dean Roger - - - - - - - - - - 1963
Amato, Pantaleo - - - - - - - - - - 1964
Anderson, Alexander Keith - - - - - - - 1964
Anderson, Gwendoline Eva - - - - - - - 1947
Anderson, Ronald Alexander - - - - - - 1944
Andrews, Erson Leonard - - - - - - - 1939
Angel, Kevin Reginald - - - - - - - - 1964
Ardill, David Anthony - - - - - - - - 1953
Argall, Philip John Tadd - - - - - - - 1958
Atkins, Josephine Anne Tyrrell - - - - - 1964
Babidge, Ian Charles - - - - - - - - 1963
Bahnish, Noel - - - - - - - - - - 1945
Bailey, Geoffrey Reginald - - - - - - - 1948
Bajer, Leonid - - - - - - - - - - 1958
Bajorunas, Andrius - - - - - - - - - 1957
Baldo, Brian Angelo - - - - - - - - - 1961
Ball, Gerald Benjamin - - - - - - - - 1953
Ball, Peter Growden - - - - - - - - - 1955
Bannister, Neil Prescott - - - - - - - 1956
Barclay, Elizabeth Mollie - - - - - - - 1962
Bardolph, Donald Harold - - - - - - - 1952
Bardolph, June Mary - - - - - - - - 1954
Barnett, Anne Patricia - - - - - - - - 1962
Barnes, Donald Stalley - - - - - - - - 1947
Barnes, Herb - - - - - - - - - - - 1944
Bartold, Geoffrey Paul - - - - - - - - 1947
Bassett, Murray Maxwell - - - - - - - - 1948
Bassham, Ian Glen - - - - - - - - - 1962
Baxendale, John Lewis - - - - - - - - 1964
Bayly, Peter John - - - - - - - - - - 1962
Bazeley, William Joseph - - - - - - - 1945
Beaty, Edward William - - - - - - - - 1954
Beckinsale, Ronald Herbert - - - - - - 1949
Beilby, Jack Canavan - - - - - - - - 1947
Bennett, Judith Ann - - - - - - - - - 1959
Bentley, Alan - - - - - - - - - - - 1937
Bentley, Deryck Edward - - - - - - - 1947
Bertram, John Stanley - - - - - - - - 1957
Bessell, Raymond Leonard - - - - - - - 1959
Billing, Robert Heaton - - - - - - - - 1953
Bishop, David Edwin Pemberton - - - - - 1959
Bishop, Ronald Lancelot - - - - - - - 1951
Bishop, William Victor - - - - - - - - 1949
Blanks, William Bennett - - - - - - - 1957
Booker, David Michael - - - - - - - - 1960
Booth, Thomas Sheldon - - - - - - - - 1937
Bourne, John Wallace - - - - - - - - 1943
Bowen, Frederick Lloyd - - - - - - - 1939
Bowey, Allan Edgar - - - - - - - - - 1938
Brady, Michael Ignatius - - - - - - - 1954
Branson, Robert Rolling - - - - - - - 1937
Brett, Jack Nethersole - - - - - - - - 1938
Brewster, Cora Elaine - - - - - - - - 1948
Brice, Robert Hosking - - - - - - - - 1954
Broad, Lionel Hugh - - - - - - - - - 1943
Broadbent, Frank Brooker - - - - - - - 1957
Brougham, Robert Joffre - - - - - - - 1940
Brown, Donald Thomas - - - - - - - - 1956
Brown, Leonard William - - - - - - - 1958
Brown, Peter Hackett - - - - - - - - 1959
Brown, Ronald Emanuel - - - - - - - 1944
Buik, Donald Andrew John - - - - - - 1954
Burge, Donald Raymond - - - - - - - 1961
Burge, Raymond Henry - - - - - - - - 1936
Burns, John Vernon - - - - - - - - - 1956
Butler, Richard James - - - - - - - - 1954
Byrne, Ashley John - - - - - - - - - 1959
Byrnes, Reginald Phillip - - - - - - - 1960
Cacas, Don George - - - - - - - - - 1958
Cacas, James George - - - - - - - - - 1956
Callaghan, Maxwell John - - - - - - - 1951
Callaghan, Roy Hugh - - - - - - - - - 1948
Campbell, Margaret Diane - - - - - - - 1956
Carlier, Ellis Gladstone - - - - - - - 1951
Carnie, John Alfred - - - - - - - - - 1950
Caught, James Gardiner - - - - - - - - 1935
Cavanagh, Robert Edwin - - - - - - - - 1936

Cawte, Brian Vincent - - - - - - - - 1957
Cescato, Guido Ferdinando - - - - - - 1959
Chapman, Avis Carol - - - - - - - - 1952
Cheek, Harold Dudley - - - - - - - - 1939
Cheek, Robert - - - - - - - - - - 1953
Chesney, Robert George - - - - - - - 1955
Chodowski, Samuel Mendel - - - - - - 1941
Clampett, Richard Blackmore - - - - - - 1956
Clancy, Ross Percival - - - - - - - - 1945
Clark, Arthur Wellesley - - - - - - - 1934
Clarke, Trevor Keith - - - - - - - - 1945
Clarke, Vinrace Lisle - - - - - - - - 1936
Clarke, William Graham - - - - - - - 1947
Clota, Patricia Mary - - - - - - - - 1961
Cock, Alexander Geoffrey - - - - - - - 1959
Cocks, David Gordon - - - - - - - - 1956
Cole, Beverley Joan - - - - - - - - 1964
Coleman, Ronald George - - - - - - - 1947
Coles, Herbert Desmond - - - - - - - 1953
Combe, Gaynor Jeanette Florence - - - - 1962
Conigrave, Michael Clement - - - - - - 1959
Connell, Myles Patrick - - - - - - - 1949
Cooper, Nancy Marina - - - - - - - - 1956
Coorey, Brian Norman - - - - - - - - 1950
Cornish, John Neil - - - - - - - - - 1956
Cosgrove, Peter Brian Anthony - - - - - 1957
Coultas, Ronald John - - - - - - - - 1950
Cox, Peter John - - - - - - - - - - 1951
Cracknell, John James - - - - - - - - 1953
Crafter, Kenneth Charles - - - - - - - 1938
Crago, Reginald Allen - - - - - - - - 1951
Craig, Lloyd Albert - - - - - - - - - 1941
Craigie, William Leslie - - - - - - - - 1962
Croft, Mary Ellen - - - - - - - - - 1954
Crowley, Frank Noah - - - - - - - - - 1953
Curnow, Thomas Martin - - - - - - - - 1942
Currie, Robert John - - - - - - - - - 1950
Cushway, Albert Len - - - - - - - - - 1954
Dahl, Margaret Eunice - - - - - - - - 1960
Daniell, Ross Wilfrid - - - - - - - - 1938
Darwin, Lloyd Edwin - - - - - - - - - 1948
Davies, Jonathan - - - - - - - - - - 1953
Davis, John Lloyd - - - - - - - - - - 1953
de Brenni, Jules - - - - - - - - - - 1944
de Waard, Pieter Carl - - - - - - - - 1955
Dent, Althea Ada Lorraine - - - - - - - 1953
Dixon, John Miller - - - - - - - - - 1953
Doe, Alwyn Gilbert - - - - - - - - - 1951
Doecke, Jillian Eleanor - - - - - - - - 1961
Dolman, John George - - - - - - - - - 1951
Donaldson, Kevin James - - - - - - - - 1959
Donohue, John Sylvestre - - - - - - - - 1957
Dowding, Ruth Elma - - - - - - - - - 1948
Downie, Sydney Andrae - - - - - - - - 1940
Drake, Peter Richard - - - - - - - - - 1954
Ducker, Murray Edward - - - - - - - - 1960
Duggin, Ivan James - - - - - - - - - 1956
Duncan, John Davidson - - - - - - - - 1950
Dundon, Laurence James - - - - - - - - 1942
Dundon, Noel Francis - - - - - - - - - 1949
Dunstan, Julie Anne - - - - - - - - - 1963
Dunstone, Kenneth William Thomas - - - - 1943
Eckersley, Malcolm Russell - - - - - - 1939
Edgar, Judith - - - - - - - - - - - 1964
Edwards, Brian John - - - - - - - - - 1960
Egar, Paul Gerard - - - - - - - - - - 1949
Elix, Robert Hugo - - - - - - - - - - 1935
Entwistle, John - - - - - - - - - - - 1947
Evans, Anthony Greig - - - - - - - - - 1945
Evans, Margaret Ann - - - - - - - - - 1956
Evely, Roderick Harding - - - - - - - - 1938
Everett, John Kingsley - - - - - - - - 1953
Ey, William Theodor - - - - - - - - - 1937
Farley, Donald Charles - - - - - - - - 1955
Farmer, Swithin William - - - - - - - - 1959
Feist, Colin Sydney - - - - - - - - - 1957
Fenn, Donald George - - - - - - - - - 1950
Fewings, Margaret Anne - - - - - - - - 1963
Field, Arthur Blackiston - - - - - - - - 1942
Fisher, Robert Hilson - - - - - - - - - 1942
Fitch, Rosalind Claire - - - - - - - - - 1964
Fitzgerald, Ian Thomas Francis - - - - - 1957
Fitzgerald, Robert John - - - - - - - - 1940
Flaherty, Howard Norman - - - - - - - - 1947
Fleer, Eric Donald - - - - - - - - - - 1952
Fletcher, Herbert Ross - - - - - - - - 1962
Fletcher, Raymond Frank - - - - - - - - 1961
Flood, Harry Brougham - - - - - - - - 1951
Flood, John Warden - - - - - - - - - 1953
Flower, Alexander McKinnon - - - - - - 1958

Folkert, Marina - - - - - - - - - - 1957
Foreman, Kevin John - - - - - - - - - 1960
Francis, Robert Leonard - - - - - - - - 1950
Fraser, Wallace - - - - - - - - - - 1950
Frazer, Kenneth John - - - - - - - - - 1952
Frearson, Harold Thomas - - - - - - - - 1939
Freeman, Colin Charles - - - - - - - - 1944
Freeman, John Christian - - - - - - - - 1943
Fricker, Yvonne June - - - - - - - - - 1954
Fry, Gavan John - - - - - - - - - - - 1963
Funder, Eileen Mary - - - - - - - - - 1935
Gambell, Dennis Charles - - - - - - - - 1964
Gameau, John Lewis - - - - - - - - - 1936
Ganley, Margaret Anne - - - - - - - - - 1964
Garrett, Philip Douglas - - - - - - - - 1953
Gartrell, Roger - - - - - - - - - - 1936
Gaunt, Norman William - - - - - - - - 1934
Gelezkov, Mary - - - - - - - - - - 1961
George, Humphrey Edward - - - - - - - - 1958
George, Lewis John William - - - - - - - 1963
Gerard, Nancy Joy - - - - - - - - - - 1955
Gerken, Hans Juergen - - - - - - - - - 1962
Gibson, Elaine Emmalene - - - - - - - - 1957
Gilbert, Glenn John - - - - - - - - - 1961
Gilbert, Harold William - - - - - - - - 1947
Giles, Howard William - - - - - - - - - 1959
Gill, Trevor Wayne - - - - - - - - - - 1961
Gillespie, Keith Herbert - - - - - - - - 1939
Glaros, James Arthur - - - - - - - - - 1961
Glastonbury, Kevin Brian - - - - - - - - 1955
Goldsack, Glen Ronald - - - - - - - - - 1957
Goscombe, David Bevan - - - - - - - - - 1952
Gould, Ashton Noye - - - - - - - - - - 1938
Graham, Francis Chapple - - - - - - - - 1961
Grimes, Charles Lindsay - - - - - - - - 1952
Grist, Robert Hocart - - - - - - - - - 1951
Grooby, John David - - - - - - - - - - 1951
Grove, William Murray - - - - - - - - - 1939
Grummet, Philip Hodgson - - - - - - - - 1956
Gryst, Helen - - - - - - - - - - - 1948
Gryst, Peter Mervyn - - - - - - - - - - 1943
Gryst, Ross Edward - - - - - - - - - - 1952
Guthrie, John Vincent - - - - - - - - - 1948
Gwynne, Robert Frank - - - - - - - - - 1935
Haddad, Alick Peter - - - - - - - - - - 1958
Haddy, Kenneth Ian - - - - - - - - - - 1955
Hall, Graeme Edward Smith - - - - - - - 1963
Hall, Helen Ruth - - - - - - - - - - 1963
Hall, Thelma Dorothy - - - - - - - - - 1937
Hammat, Edwin Laurence - - - - - - - - 1948
Hammond, Joy Dorrita - - - - - - - - - 1955
Hancock, Avrill Isabell - - - - - - - - 1963
Hanna, Robert Andrew - - - - - - - - - 1951
Hardwick, Bernice - - - - - - - - - - 1949
Hardy, Stuart Edward - - - - - - - - - 1936
Harnett, Gilbert Barry - - - - - - - - - 1955
Harrison, Warren George - - - - - - - - 1959
Harvey, Marie Jeanne - - - - - - - - - 1956
Hawson, William Francis - - - - - - - - 1952
Hay, Andrew Robert - - - - - - - - - - 1964
Hayter, Bruce William - - - - - - - - - 1951
Hearn, Walter Joseph - - - - - - - - - 1945
Heint, Eduard Evald - - - - - - - - - - 1956
Helier, Roger Stanley - - - - - - - - - 1960
Hemmings, Thomas Prior - - - - - - - - 1945
Hennessy, Claude Harold - - - - - - - - 1940
Hennessy, Ian Nicolson - - - - - - - - - 1955
Hennoste, Märt - - - - - - - - - - - 1960
Hession, John Eric Martin - - - - - - - - 1941
Hewitt, Rosslyn Jayne - - - - - - - - - 1959
Hibble, Ross Ernest - - - - - - - - - - 1950
Higgins, Gordon Leslie - - - - - - - - - 1949
Hill, Dudley Clarke - - - - - - - - - - 1950
Hillman, Eric Anthony - - - - - - - - - 1954
Hodgson, Alan David - - - - - - - - - - 1956
Holder, Reuben Clement - - - - - - - - - 1953
Holds, Herbert John - - - - - - - - - - 1964
Hole, Ronald - - - - - - - - - - - 1952
Holland, Bernard Dominic - - - - - - - - 1964
Holland, Bernard John - - - - - - - - - 1952
Holmes, Leon Francis - - - - - - - - - - 1960
Hopewell, Edward Wallace - - - - - - - - 1951
Hosking, Allen Edwin - - - - - - - - - - 1934
Huber, Waldemar Richard - - - - - - - - 1957
Hudson, Warren Mervyn - - - - - - - - - 1964
Hulbert, Russell George - - - - - - - - - 1938
Humble, William Gilbert - - - - - - - - - 1954
Humphrys, Arnold Clarence John - - - - - - 1951
Hunt, Laurence August - - - - - - - - - 1953
Hutchins, Ross - - - - - - - - - - - 1942

Huxtable, Colin Stanley - - - - - - - 1948
Huxtable, Kenneth Clarence George - - - 1949
Hyde, Donald John - - - - - - - - 1960
Ingerson, Graham Alexander - - - - - - 1963
Jackson, John William - - - - - - - 1957
Jacobs, Philip Arthur - - - - - - - 1952
Jeffrey, John Leigh - - - - - - - - 1956
Jeffs, Percival Lancelot - - - - - - - 1938
Jelfs, John Robert - - - - - - - - 1958
Jenner, Helen Muriel - - - - - - - 1959
John, Clarence Gilmore - - - - - - - 1948
Johnson, John Kenneth - - - - - - - 1950
Johnson, Keith Douglas - - - - - - - 1941
Johnson, Leonard - - - - - - - - 1945
Johnson, Owen Royce - - - - - - - - 1956
Johnston, Edwin John McCallum - - - - 1938
Johnston, Michael John - - - - - - - 1962
Jolly, Norman Dickson - - - - - - - 1939
Jones, Douglas Perry - - - - - - - 1950
Jones, Jennifer Margaret - - - - - - 1959
Jones, Kevin Bernard - - - - - - - - 1964
Jungfer, John Gerrard - - - - - - - 1961
Justin, John Herbert - - - - - - - - 1942
Kaehne, Brian Robert - - - - - - - 1959
Kain, Coleman Lawrence - - - - - - - 1938
Kamm, Geoffrey Norman - - - - - - - 1955
Kasdoba, Lydia - - - - - - - - - 1957
Katchor, Bernard David - - - - - - - 1963
Kean, Christopher James - - - - - - - 1953
Keipert, Paul Howard - - - - - - - 1942
Kenny, Rosemary Elizabeth - - - - - - 1963
Kentish, Frank Stow - - - - - - - - 1952
Kildea, John Brian - - - - - - - - 1952
Kimber, Hubert Thomas - - - - - - - 1937
Kimber, Malcolm John - - - - - - - 1956
King, David McMillan - - - - - - - 1957
Kinnear, Gerald Campbell - - - - - - 1955
Kinsley, John Vere - - - - - - - - 1938
Kirby, David Bevan - - - - - - - - 1940
Klaffer, Ralph - - - - - - - - - 1954
Knightley, Harold Alan - - - - - - - 1948
Knill, Douglas William - - - - - - - 1940
Laffer, Mildred Emily - - - - - - - 1935
Lalor, William Brian - - - - - - - - 1935
Lane, Andrienne - - - - - - - - - 1963
Larwood, Patricia Myrtle - - - - - - - 1947
Lawton, Brian Eley - - - - - - - - 1949
Lawton, Rosalind Mary - - - - - - - 1964
Lazare, Marcel Bancion Issac - - - - - 1956
Lazare, Vicky - - - - - - - - - 1959
Leak, Weston Hugh - - - - - - - - 1939
Lean, Albert Gordon - - - - - - - - 1938
Lean, Keturah Victoria - - - - - - - 1935
Lee, Graham Bruce - - - - - - - - 1959
Lee, Thomas Ian - - - - - - - - - 1954
Lenthal, Douglas Lionel - - - - - - - 1936
Lever, Lionel Alfred - - - - - - - - 1952
Lewis, Graham Neil - - - - - - - - 1961
Lewis, Loulie Maxine - - - - - - - - 1949
Leyshon, Stephen Noel - - - - - - - 1954
Lipert, Alan Lewis - - - - - - - - 1962
Lloyd, Jack Maxwell - - - - - - - - 1955
Lock, Peter Bayard - - - - - - - - 1943
Lockett, Trevor John - - - - - - - - 1958
Logan, Margaret Alberta - - - - - - - 1961
Lokan, Elaine Beryl - - - - - - - - 1957
Lovell, Barbara Jean - - - - - - - - 1948
Lower, Rupert Alexander - - - - - - - 1940
Ludkins, Geoffrey James - - - - - - - 1961
Lugg, Patricia June - - - - - - - - 1959
Luks, Edite Helga - - - - - - - - - 1962
Lynas, Kaye Ward - - - - - - - - - 1952
Lyons, Colin Henry - - - - - - - - 1951
McCarthy, Kenneth Arthur - - - - - - 1961
McCarthy, Roderick Charles - - - - - - 1936
McColl, Peter Donald - - - - - - - - 1951
McCulloch, Paul Damian - - - - - - - 1964
McDonough, Peter John - - - - - - - 1959
McHugh, Michael James - - - - - - - 1963
McInnes, James Laurie - - - - - - - - 1963
McKee, Geoffrey Peter - - - - - - - - 1963
McKellar, Keith George - - - - - - - 1959
McKenzie, John David Blair - - - - - - 1958
McMordie, James George - - - - - - - 1960
McNeil, Keith Albert - - - - - - - - 1950
MacQueen, David Dugald - - - - - - - 1952
MacRae, George Brown - - - - - - - - 1933
Madigan, Haydn John - - - - - - - - 1956
Maine, John Evans - - - - - - - - - 1955
Makin, Harry Arnold - - - - - - - - 1942
Maloney, Barbara Lilian - - - - - - - - 1960
Maloney, Denise Minetta - - - - - - - - 1956
Maloney, Peter Robert Gryst - - - - - - 1956
Maloney, Terence John - - - - - - - - 1958
Malpas, Cecil Egerton - - - - - - - - 1945
Manhire, Donald Walter - - - - - - - - 1955
Manning, Lancelot Henry - - - - - - - - 1934
Manton, Jack Hudson - - - - - - - - 1934
Martin, Adeline Zoe - - - - - - - - - 1934
Martin, Beverley Sue - - - - - - - - 1956
Martin, Kinnish Salkeld - - - - - - - - 1961
Martin, Rex George - - - - - - - - - 1958
Martin, Rosalie Edith - - - - - - - - 1961
Martin, Thomas Jarvis - - - - - - - - 1963
Martindale, Aileen Francis - - - - - - - 1948
Martindale, Edward John - - - - - - - 1947
Marshall, Alfred George Robert - - - - - 1939
Mathieson, Allen George - - - - - - - 1955
Matthews, Maurice John - - - - - - - 1935
Mayfield, Margaret Hazel - - - - - - - 1955
Mazzei, Anthony Ronald Peter - - - - - - 1962
Meaney, Lance Amadei - - - - - - - - 1962
Measday, John Cleveland - - - - - - - 1943
Medlow, Ronald George - - - - - - - - 1954
Meegan, Peter - - - - - - - - - - 1951
Mensforth, Paul Alfred - - - - - - - - 1960
Merry, David John - - - - - - - - - 1963
Meyers, John Robert - - - - - - - - 1958
Michaels, Donald Ernest - - - - - - - - 1941
Middlemiss, Brian Robert - - - - - - - 1951
Mildren, Brian Frederick - - - - - - - - 1944
Millar, Bruce George - - - - - - - - 1960
Miller, Heather Joyce - - - - - - - - 1948
Miller, Robert Lionel - - - - - - - - 1938
Mitchell, Donald Graham - - - - - - - - 1944
Mitchels, John Roger - - - - - - - - 1954
Mittiga, Tommy Michael Archangel - - - - 1961
Montgomery, Gillian Pentland - - - - - - 1955
Moriarty, Daniel Francis - - - - - - - 1951
Moriarty, Vincent John - - - - - - - - 1957
Morony, Graham Tylor - - - - - - - - 1955
Mosel, Donald - - - - - - - - - - 1945
Moyse, Robert Mervyn - - - - - - - - 1964
Mudie, Robert Charles Wedderburn - - - - 1952
Mudie, Stuart Mayelston - - - - - - - 1953
Mugg, Gordon Murrie - - - - - - - - 1940
Munyard, Patricia Carlene - - - - - - - 1957
Nagy, Akos - - - - - - - - - - - 1957
Netting, Keith Cameron - - - - - - - - 1956
Newbery, Betty Hilda - - - - - - - - 1947
Newbery, Donald Ernest - - - - - - - - 1944
Newbery, John Henry Edward - - - - - - 1947
Newson, Clarence Alfred - - - - - - - - 1941
Nicholas, Cecil David - - - - - - - - 1941
Nicholls, Brian Charles - - - - - - - - 1949
Nicholls, William John - - - - - - - - 1956
Nicholson, Joan Valma - - - - - - - - 1957
Ninio, Henry Jacques - - - - - - - - - 1961
Norman, Alfred James - - - - - - - - 1935
Norman, Jack Campbell - - - - - - - - 1951
Norton, Leonard - - - - - - - - - - 1959
Nottage, Jeffrey Keith - - - - - - - - 1960
Nunn, Graham Jefferson - - - - - - - - 1959
O'Callaghan, Neil Edward - - - - - - - 1956
O'Connor, Brian Thomas - - - - - - - - 1954
Odgers, Murray Grenfall - - - - - - - - 1938
Offe, Garth Ian Hamilton - - - - - - - - 1940
Ongley, John Henry Albert - - - - - - - 1936
O'Reilly, Dominic Patrick John - - - - - - 1941
Orr, Fay Patricia - - - - - - - - - 1954
Oswald, John Kenneth Gibson - - - - - - 1960
Otto, John Leyland - - - - - - - - - 1954
Pain, John Shannon - - - - - - - - - 1955
Pak Poy, Wilfred Cecil - - - - - - - - 1952
Palape, Janis Zanis - - - - - - - - - 1954
Palk, Michael John - - - - - - - - - 1955
Parker, Colin John - - - - - - - - - 1954
Parker, Rex Carleton - - - - - - - - - 1934
Parsons, Donald Allan - - - - - - - - 1952
Pascoe, Kenneth William - - - - - - - - 1964
Paterson, Fay - - - - - - - - - - - 1958
Paterson, Kevin Walter - - - - - - - - 1955
Patrick, Brian Thomas - - - - - - - - 1960
Patrick, Reginald Ross - - - - - - - - 1942
Patterson, Ronald Thomas - - - - - - - 1939
Pawson, Keith Curry - - - - - - - - - 1952
Payne, Beryl June - - - - - - - - - - 1952
Peek, Donald Harvey - - - - - - - - - 1947
Penhall, Donald Frederick James - - - - - 1951
Penney, Donald Ross - - - - - - - - - 1952

Phanchet, Chantanee - - - - - - - - 1957
Phelps, Kevin George - - - - - - - - 1952
Phillips, Christine Ellery - - - - - - - 1961
Phillips, Stuart Hill - - - - - - - - 1963
Phillips, Yvonne Ruth - - - - - - - - 1953
Philp, Harold John - - - - - - - - - 1953
Physick, Anthony Noble - - - - - - - 1960
Physick, William Alick - - - - - - - - 1940
Pickering, John Ronald - - - - - - - - 1953
Pittman, Brian Arthur - - - - - - - - 1962
Pledge, John Melvin - - - - - - - - - 1958
Polgreen, Rodger William - - - - - - - 1964
Pope, David Floyd - - - - - - - - - 1958
Pope, Peter Ray - - - - - - - - - - 1962
Porra, Robert John - - - - - - - - - 1953
Porter, Kenneth Symes - - - - - - - - 1935
Potter, Elizabeth - - - - - - - - - - 1963
Potts, Frank Desmond - - - - - - - - 1951
Preece, Malcolm Stewart - - - - - - - 1954
Pride, Geoffrey William - - - - - - - 1961
Priess, Richard John - - - - - - - - 1941
Prisk, Colin John - - - - - - - - - - 1962
Pritchard, Helen Bessie - - - - - - - - 1948
Prosser, Malcolm Geoffrey - - - - - - - 1955
Prowse, Helen Christine - - - - - - - - 1964
Purches, John Alfred - - - - - - - - 1947
Quintrell, Laurence Neil - - - - - - - - 1959
Raimondo, Frederick - - - - - - - - - 1961
Ramsay, Douglas - - - - - - - - - - 1934
Ramsey, Colin Bruce - - - - - - - - - 1950
Ramsey, Maxwell George - - - - - - - - 1953
Ramsey, Mollie Aileen - - - - - - - - 1942
Randell, William Richard - - - - - - - - 1940
Rankine, Ian Jeffry - - - - - - - - - 1942
Raud, Rudolf - - - - - - - - - - - 1955
Rauth, William Heseltine - - - - - - - 1941
Ravesi, Louis - - - - - - - - - - - 1961
Redmond, John William - - - - - - - - 1958
Reid, Betty Lorna - - - - - - - - - 1949
Reid, Colin Liston - - - - - - - - - 1954
Retallick, Gladys Yvonne Joan - - - - - - 1943
Retallick, John James Mark - - - - - - - 1951
Rice, William Frederick - - - - - - - - 1934
Richards, Brian John - - - - - - - - - 1952
Richards, William Leonard - - - - - - - - 1956
Richardson, Jack McPherson - - - - - - - 1937
Richardson, Joseph Peter - - - - - - - - 1961
Richardson, Kevin Graham - - - - - - - - 1963
Richter, John Steven - - - - - - - - - 1954
Roark, Ian Bolton - - - - - - - - - - 1959
Roberts, Peter Vernon - - - - - - - - - 1951
Robinson, Murray Gilbert - - - - - - - - 1947
Rodda, Robert Willard - - - - - - - - - 1955
Rogers, Barry Harcourt - - - - - - - - 1952
Rohlfing, Kenneth Malcolm - - - - - - - - 1948
Rohrig, D'Arcy Clayton - - - - - - - - 1941
Rolfe, Thomas John - - - - - - - - - 1936
Rosewall, Robert Walker - - - - - - - - 1953
Rostek, Zenon-Carolus - - - - - - - - - 1957
Rowe, Gordon Thomas - - - - - - - - - 1948
Rowe, John Crawford - - - - - - - - - 1950
Rowe, Peter James - - - - - - - - - - 1964
Rowell, John Neville - - - - - - - - - 1959
Rush, William Callander - - - - - - - - 1959
Russell, Alan Alexander - - - - - - - - 1947
Russell, Norman - - - - - - - - - - 1950
Ryan, Molly Hazel - - - - - - - - - - 1942
Ryder, John Bernard - - - - - - - - - 1943
Saies, David - - - - - - - - - - - 1954
Salman, Harry William - - - - - - - - - 1934
Sansom, Lloyd Norman - - - - - - - - - 1963
Sawyer, Trevor Joseph - - - - - - - - - 1955
Scarman, Graham Alwyn - - - - - - - - - 1954
Schocroft, John Charles - - - - - - - - - 1953
Schoff, James Alec - - - - - - - - - - 1958
Schroeder, June Adele - - - - - - - - - 1951
Schuetze, Robert John - - - - - - - - - 1962
Schultz, Barry Robert - - - - - - - - - 1962
Schultz, Francis John - - - - - - - - - 1940
Scrivener, Bruce Allan - - - - - - - - - 1952
Scrivener, Desmond Arthur - - - - - - - - 1950
Shapter, William Evan - - - - - - - - - 1944
Shaw, Peter - - - - - - - - - - - 1962
Shepherd, Peter - - - - - - - - - - 1940
Shetliffe, Reginald George - - - - - - - - 1936
Shinnick, John Roger - - - - - - - - - 1959
Short, Lynette Margaret - - - - - - - - 1952
Shute, Leslie Norman Keith - - - - - - - - 1955
Siggins, Ronald Hewitt - - - - - - - - - 1938
Simcock, Gerald Cyril - - - - - - - - - 1953
Simon, John Ross - - - - - - - - - - 1951
Skews, Thomas Nisbett - - - - - - - - - 1952
Skull, David Geoffrey - - - - - - - - - 1961
Skurray, Ronald Anthony - - - - - - - - - 1960
Sleep, Frank Ronald - - - - - - - - - - 1945
Smith, Brian Robert - - - - - - - - - - 1963
Smith, Frederick Brian - - - - - - - - - 1960
Smith, Graham Reginald - - - - - - - - - 1934
Smith, Heather Belle - - - - - - - - - 1957
Smith, Mervyn Keith - - - - - - - - - 1939
Smylie, Gordon McInnes - - - - - - - - - 1940
Smyth, Neil Lawrence - - - - - - - - - 1950
Somerville, Peter James - - - - - - - - - 1960
Somogyi, Laszlo - - - - - - - - - - - 1956
Sorrell, Leonard Martin - - - - - - - - - 1942
Southam, David Michael - - - - - - - - - 1959
Southam, Sydney Anthony - - - - - - - - - 1950
Sowry, Kerry John - - - - - - - - - - 1962
Spafford, Rex Netherton - - - - - - - - - 1939
Sperber, Allan Lynton - - - - - - - - - 1952
Spick, John Vaughan - - - - - - - - - - 1957
Spurling, Peter Michael - - - - - - - - - 1958
Stain, John Wright - - - - - - - - - - 1939
Standish, Donald James - - - - - - - - - 1955
Stanfield, Pauline - - - - - - - - - - 1960
Stanley, Patricia Dorothy - - - - - - - - - 1954
Starr, Barry John - - - - - - - - - - 1962
Statton, Bruce Arthur - - - - - - - - - - 1943
Stedman, Paul George - - - - - - - - - - 1952
Stephens, James Stanley - - - - - - - - - 1960
Stock, Beresford Hannam - - - - - - - - - 1957
Stock, Dianne Christine - - - - - - - - - 1962
Storen, Walter Joseph - - - - - - - - - 1951
Stratton, Trevor Carl - - - - - - - - - - 1961
Strehlow, Rotraud Frieda Agnes - - - - - - - 1961
Streicher, Francis Mannix - - - - - - - - 1942
Stuckey, Mary Hill - - - - - - - - - - 1942
Stunnel, Gwenda May - - - - - - - - - 1957
Sutcliffe, Ian Geoffrey - - - - - - - - - 1964
Sutcliffe, Lewis Allan - - - - - - - - - 1952
Swan, Joyce Charlotte - - - - - - - - - 1942
Sweet, Ronald Langdon - - - - - - - - - 1953
Symonds, Robert Murray - - - - - - - - - 1951
Tait, Colin Field - - - - - - - - - - 1964
Talbot, Allan Benjamin - - - - - - - - - 1940
Taylor, Ray Athol - - - - - - - - - - 1949
Taylor, Ronald Norman - - - - - - - - - 1947
Taylor, William Thomas - - - - - - - - - 1936
Teakle, John Kevin - - - - - - - - - - 1951
Telfer, Donald - - - - - - - - - - - 1954
Theel, Elliott Wilkins - - - - - - - - - 1955
Thomas, Donald Laurence - - - - - - - - - 1961
Thomas, Jeanette - - - - - - - - - - 1956
Thompson, David Richard - - - - - - - - - 1958
Thompson, Donald Bruce - - - - - - - - - 1953
Thompson, Eric James - - - - - - - - - 1935
Thompson, Jillian Erica - - - - - - - - - 1959
Thomson, Margaret - - - - - - - - - - 1957
Thredgold, John Lewis - - - - - - - - - 1960
Tiver, Lloyd Charles - - - - - - - - - 1937
Tomlinson, Janet Rosemary - - - - - - - - 1957
Tonkin, Peter Richard - - - - - - - - - 1942
Townsend, Graham Rosslyn - - - - - - - - 1952
Tregilgas, Bruce Burnett - - - - - - - - 1957
Trevelyan, Denys Murray - - - - - - - - 1948
Trummer, Anthony George - - - - - - - - 1955
Tulloch, Roger James - - - - - - - - - 1949
Turner, Ross Walter - - - - - - - - - 1959
Tyler, David John - - - - - - - - - - 1960
Upton, James Harold Charles Hughes - - - 1938
Upton, Robert Maxwell William Alexander 1951
Valente, Giulio - - - - - - - - - - - 1955
Vartuli, Giuseppe - - - - - - - - - - - 1964
Veitch, Robert Henry - - - - - - - - - 1951
Venning, Claude Meadows - - - - - - - - 1940
von Doussa, Kathleen Gwendoline - - - - - 1949
Walker, Brian Gilbert - - - - - - - - - 1962
Walker, Graham John - - - - - - - - - 1961
Walker, Leonard Frank - - - - - - - - - 1936
Walker, Raymond Charles - - - - - - - - 1943
Wall, Kenneth - - - - - - - - - - - 1936
Wallace, Malcolm Gladstone - - - - - - - - 1958
Walsh, Afton Peter - - - - - - - - - - 1937
Walsh, Zeta Mary - - - - - - - - - - 1934
Wandke, Brenton Graham - - - - - - - - - 1955
Ward, Clyde Hedley Charles - - - - - - - - 1948
Ware, John Brian - - - - - - - - - - 1950
Warnecke, Drennan Paul - - - - - - - - - 1949
Warnecke, Peter Gerald - - - - - - - - - 1952
Warren, Donald Spencer - - - - - - - - - 1951

Washington, Neville Elliott - - - - - - 1958
Waters, Robert William - - - - - - - 1958
Watson, Colin Hubert - - - - - - - - 1955
Watson, John Myers - - - - - - - - 1949
Watts, John William - - - - - - - - 1938
Watts, Robert Neville - - - - - - - 1955
Wauchope, Alan Wylie - - - - - - - 1941
Wayne-Smith, Elizabeth Andrée - - - - 1964
Webb, Donald Ralph - - - - - - - - 1943
Webber, Brian Earl - - - - - - - - 1952
Weedman, Dale Elton - - - - - - - 1954
Weir, Nancy Mavis - - - - - - - - 1963
Weller, Reginald Lancelot Elon - - - - 1953
Wellington, Nancy Catherine - - - - - 1944
Wescombe, Peter George - - - - - - 1953
West, Lionel Thomas - - - - - - - 1952
Wheaton, Frank Hurtle Pengelley - - - 1948
Wheeler, Eric Henry - - - - - - - - 1942
Wheeler, Reginald Gordon - - - - - - 1944
Whitelum, Donald Lindsay - - - - - - 1959
White, Brian Kenneth - - - - - - - - 1957
White, John Carew - - - - - - - - - 1940
White, John Matthews - - - - - - - - 1941
Wiesner, John Alexander - - - - - - - 1963
Wickes, Ronald John - - - - - - - - 1941
Wigley, Tom Joseph - - - - - - - - - 1934
Williams, Allan Ross - - - - - - - - 1956
Williams, Brian Norman - - - - - - - 1954
Williams, Edward Francis - - - - - - - 1947
Wilson, Beryl Maud - - - - - - - - - 1951
Wilson, Donald Kenneth - - - - - - - 1951
Wilson, Michael Minell - - - - - - - 1956
Wilson, William Fraser - - - - - - - 1941
Wilton, Michael - - - - - - - - - - 1964
Wood, Ian Barclay - - - - - - - - - 1962
Woods, Meredyth Tenison- - - - - - - 1962
Woolford, Lewis Maxwell - - - - - - - 1951
Woollard, Mervyn John - - - - - - - 1935
Woollard, Michael Jon Winston - - - - - 1962
Wormald, Colin Lyle - - - - - - - - - 1962
Worthington, Ralph Henry - - - - - - - 1953
Wurm, Peter Sinclair - - - - - - - - 1953
Wyld, Robert Bowen - - - - - - - - - 1950
Young, Geoffrey David - - - - - - - - 1962
Zander, Frank Howard - - - - - - - - 1941
Zilm, Lorraine Betty - - - - - - - - - 1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith - - - - - - - - - - 1950
Andrews, Judith Mary, B.A. - - - - - - 1958
Angove, Margaret Carlyon - - - - - - 1942
Ashbolt, Winifred Joy - - - - - - - - 1948
Astley, Joyce Mary - - - - - - - - - 1947
Austin, Meredith Helen - - - - - - - 1959
Bails, Ruth - - - - - - - - - - - 1943
Baker, Mary Elizabeth - - - - - - - - 1947
Bakewell, Joan Helen - - - - - - - - 1951
Ball, Heather - - - - - - - - - - 1951
Ball, Iris Marguerite May - - - - - - 1949
Bates, Nancy Patricia - - - - - - - - 1947
Bayer, Josephine Kent - - - - - - - - 1944
Benjamin, Eric - - - - - - - - - - 1949
Bidwell, Dorothy Gwendoline - - - - - 1949
Boehm, Claire Edith - - - - - - - - 1951
Bosworth, Catherine Jean - - - - - - - 1947
Bowen, Mary Alice - - - - - - - - - 1957
Bowen, Suzanne Joan - - - - - - - - 1944
Bruer, Brigid Hilda - - - - - - - - 1957
Buckley, Hannah - - - - - - - - - 1942
Burnett, Ronda June - - - - - - - - 1949
Burns, Margaret Ternouth - - - - - - 1945
Carlton, Eileen Grace Sally - - - - - - 1953
Carthew, Margaret - - - - - - - - - 1948
Cashell, Frances Marie - - - - - - - - 1955
Cavalier, Elizabeth Mary - - - - - - - 1944
Chong, Catherine Chee Kin - - - - - - 1956
Clark, Caroline Emily - - - - - - - - 1949
Clarke, Walter Frederick - - - - - - - 1950
Clay, Geraldine Ann - - - - - - - - - 1958
Clegg, Donald Stanley George - - - - - 1950
Cleland, Pamela Mary, B.A. - - - - - - 1949
Clucas, Gwendoline Ivy - - - - - - - 1944
Cope, Joan Maxine - - - - - - - - - 1951
Cornish, Mary Esther - - - - - - - - 1947
Crook, Marjorie Marion, B.A. - - - - - 1948
Crosby, Heather Bembrick - - - - - - 1945
Crouch, Lilian Rubena - - - - - - - - 1948
Cuddihy, Geoffrey Thomas - - - - - - - 1952
Cuthbertson, Grace Joy - - - - - - - 1953
Cutten, Judith Ann - - - - - - - - - 1959
Davis, Phyllis Evelyn Eva (1941) - - - - 1942
Daw, Rosalind Anne - - - - - - - - - 1957
Dermott, Veda Rosemary - - - - - - - 1957
Dixon, Beryl Joyce - - - - - - - - - 1957
Dobson, Lesbia Constance Alma, B.A. - - - 1947
Douglas, Christine Gordon - - - - - - 1948
Douglas, Sonia Yvonne - - - - - - - - 1956
Dow, Anne Eleanor - - - - - - - - - 1949
Duncan, June Valerie - - - - - - - - 1954
Dutton, Léonie - - - - - - - - - - 1959
Edwards, Alison Joy - - - - - - - - - 1957
Ellis, Joan Mary - - - - - - - - - - 1950
Featherstone, Dora Bewley, M.A. - - - - 1942
Fitzgerald, Gwenyth Joy - - - - - - - 1952
Flett, Phyllis Margaret - - - - - - - - 1948
Fong, Yin Kam - - - - - - - - - - 1953
Forrest, Ida Jean - - - - - - - - - - 1949
Fox, Alison Frances - - - - - - - - - 1947
Fox, Imogen Dymphna - - - - - - - - 1955
Garran, Elisabeth Rosemary, B.A. - - - - 1955
Gault, Yolande Mary - - - - - - - - - 1949
Glastonbury, Albert Angas - - - - - - - 1955
Gow, Alwyn Mona King - - - - - - - - 1950
Graham, Elaine Alston - - - - - - - - 1951
Griffith, Elsie Mervyn - - - - - - - - 1948
Guinand, Marie Louise - - - - - - - - 1955
Habib, Mary Lorraine - - - - - - - - 1951
Hallett, Rosamund - - - - - - - - - 1951
Halls, Christobel Heather Susannah - - - 1949
Hambidge, Margaret Cecile, B.A. - - - - 1942
Hamilton, Diana May - - - - - - - - - 1954
Harris, Cyril Eric McGillivray - - - - - 1949
Haselgrove, Margaret Ann - - - - - - - 1956
Haslam, Anne - - - - - - - - - - - 1947
†Haste, Ada Louise (1941) - - - - - - - 1942
Hayter, Joan Nelson - - - - - - - - - 1948
Heffernan, Helen Margaret - - - - - - - 1949
Helman, Eve - - - - - - - - - - - 1947
Henderson, Barbara - - - - - - - - - 1947
Henderson, William Lionel - - - - - - - 1959
Hicks, Elizabeth Joan - - - - - - - - 1950
Hill, Josephine Margery - - - - - - - - 1950
Hogben, Elizabeth Cole - - - - - - - - 1948
Hone, Jillian Raymond - - - - - - - - 1956
Hope, Marjory Frances - - - - - - - - 1947
Horton, Robert Ralph, M.B., B.S. - - - - 1957
Howe, Ameera Patricia Shirley - - - - - 1956
Hunter, Geoffrey Norman - - - - - - - 1950
†Hunwick, Maureen Mary (1938) - - - - - 1942
Hutchinson, Yvonne Francis - - - - - - 1949
Jackson, Iris Ellen - - - - - - - - - 1949
Jacobs, Eleanor Caroline - - - - - - - 1944
James, Helen Margaret, B.A. - - - - - - 1943
Jenkins, Merle Nona - - - - - - - - - 1950
John, Ian David - - - - - - - - - - 1956
Johnson, Marjorie Lisle - - - - - - - 1947
Jones, Albert Richard - - - - - - - - 1949
Kay, Franziska Clara - - - - - - - - - 1948
Kempe, Merridy Henderson - - - - - - - 1948
Kennedy, Marjory May - - - - - - - - 1954
Kerr, Olwyn Gertrude - - - - - - - - 1948
Khoo, Beng Choo - - - - - - - - - - 1959
Lawrence, Robert John, B.A. - - - - - - 1953
Lean, Shirley Doris - - - - - - - - - 1949
LeCornu, Barbara Joy - - - - - - - - - 1949
Leonard, Mary Jocelyn - - - - - - - - 1960
Lewis, Ruth Pamela - - - - - - - - - 1949
Linsell, Nina Constance - - - - - - - - 1959
Liston, Doreen Bice - - - - - - - - - 1950
Lorking, Diana Pauline Elizabeth, B.A. - - 1950
Lovibond, Sydney Harold - - - - - - - - 1949
†McDonald, Jessie Angus (1939) - - - - - 1942
McEachern, Heather Campbell - - - - - - 1956
†McIntosh, Florence Mary (1938) - - - - - 1942
McGlaughlin, Helen - - - - - - - - - 1948
†McKail, Mary Boyer (1938) - - - - - - - 1942
MacKay, Annette Frances - - - - - - - - 1942

† See footnote at end of list.

†Macklin, Nancy Marie (1940) - - - - - 1942
MacLennan, Flora Joy - - - - - - - 1942
McPherson, Margaret Helen, B.A. - - - 1953
Maddigan, Pauline Anne - - - - - - 1954
†Marcus, Patricia Langman (1938) - - - 1942
Marsden, Elizabeth Ann - - - - - - 1953
Mathews, Rita Clarice - - - - - - 1948
Matters, Barbara Frances - - - - - 1948
Matz, Marilyn Anne - - - - - - - 1959
Maund, Doreen Rhoda - - - - - - 1951
†Mengerson, Margaret (1939) - - - - - 1942
Mercer, David Jeffrey - - - - - - 1948
Michell, Aithnah Howard - - - - - 1950
Miller, Barbara - - - - - - - - 1956
Modra, Pamela Marie - - - - - - - 1956
Moseley, Claire Elizabeth - - - - - 1957
Mowbray, Brenton George - - - - - 1958
Mune, Marie Elizabeth, B.A. - - - - - 1954
Nairn, Phyllis - - - - - - - - 1948
Nankivell, Diane - - - - - - - - 1948
Noble, Joy Beryl - - - - - - - - 1958
Osterman, Ingrid Gwendoline - - - - 1951
†Paine, Helen, B.A. (1940) - - - - - 1942
Paine, Janet, B.A. - - - - - - - - 1949
Parker, Thelma Margaret - - - - - - 1948
Parkinson, Joan - - - - - - - - 1958
Pascoe, Noeleen Deidre - - - - - - 1952
Perrins, Pamela Aileen - - - - - - 1953
Plunkett, Margaret Elizabeth - - - - 1948
Plush, Helen Marie - - - - - - - 1956
Polkinghorne, Patricia Margaret - - - - 1951
Pope, Kathlyn Hilary, B.A. - - - - - 1953
Porter, Margaret Leishman - - - - - 1949
†Prince, Beryl Lloyd (1940) - - - - - 1942
Reed, Margaret Kathleen - - - - - - 1942
Reynolds, Lilo, B.A. - - - - - - - 1952
Ringwood, Pamela Elsie, B.A., LL.B. (Sydney) 1958
Roberts, Barbara June - - - - - - - 1950
Roberts, Luke Vincent - - - - - - - 1949
Rushton, Jennifer Fielding - - - - - 1954
Russell, Brenda Amanda - - - - - - 1949
Sadleir, Barbara Isabel - - - - - - 1954
Salter, Amy Vivien Fulton - - - - - 1945
Sandford, Patricia Mary - - - - - - 1947
Sandford-Morgan, Rosemary Linton - - - 1949
Sard, Helen Riddoch - - - - - - - 1953
Schmidt, Thekla Naomi - - - - - - 1947
Seedsman, Lorna Joan - - - - - - - 1956
Serradura, Anthony Alexander - - - - - 1953
Shaw, Margaret Pointon - - - - - - 1945
Silk, Beatrice Mary Mounsey - - - - - 1945
Simes, Maysie Hall - - - - - - - - 1948
†Slade, James Francis (1939) - - - - - 1942
Smith, Elery Hamilton - - - - - - - 1956
Smith, Graham Frank - - - - - - - - 1948
Sobey, Iris Beatrice, B.A. - - - - - - 1947
†Stanton, Anne (1940) - - - - - - - 1942
Stephen, Winifred Grace - - - - - - 1947
Stevenson, Margaret - - - - - - - - 1947
Still, Joan Eunice - - - - - - - - 1961
Stock, Colin Rendle - - - - - - - - 1949
Streicher, Joan Patricia - - - - - - 1950
Sugg, Madge - - - - - - - - - - 1947
†Sullivan, Margaret Rendle, B.A. (1941) - - 1942
Tai, Marlene - - - - - - - - - - 1945
Tan, Sock Kia - - - - - - - - - - 1959
Tarbath, John David - - - - - - - - 1950
Teasdale, Margaret Jean - - - - - - - 1952
Teate, Elizabeth - - - - - - - - - 1950
Thomson, Joanna Roberta - - - - - - 1947
Thomson, Reginald - - - - - - - - - 1949
Tilemann, Rosemary - - - - - - - - 1957
Tipping, Barbara Gertrude - - - - - - 1944
Tothill, Judith Windebank, B.A. - - - - 1953
Travers, Ellen Gertrude - - - - - - - 1955
Trotter, Eileen Mary - - - - - - - - 1947
Turner, Margaret Patricia - - - - - - 1954
Tyson, Donald Gordon - - - - - - - 1959
van Raalte, Winifred - - - - - - - - 1947
Vincent, Ivan Leonard Ray - - - - - - 1952
Walters, Margaret Ward - - - - - - - 1947
Warner, Joan - - - - - - - - - - 1951
Warnest, Jean Alice - - - - - - - - 1949
Waters, Lesley Brenda - - - - - - - - 1947
Waterman, Collette - - - - - - - - - 1944
Wemyss, Glenys Maisie - - - - - - - 1951
Whitehead, Millicent Alma, B.A. - - - - 1949
Whitington, Anne, B.A. - - - - - - - 1951
Wicks, Nancy Elizabeth - - - - - - - 1947
Wilmot, Edith French, B.Sc. - - - - - 1944
Wilson, Shirley Cameron - - - - - - - 1950
Winter, Eva Bertha - - - - - - - - 1951
Winter, Lewis Walter - - - - - - - - 1948
Wollaston, Julienne Kinmont - - - - - - 1954
†Woods, Irene Constance (1938) - - - - - 1942

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

ASSOCIATES IN SOCIAL STUDIES

Abbie, Elizabeth Mary, B.A. - - - - - - - 1964
Ambrose, Raymond Hamilton Cole - - - - - 1963
Bagshaw, Dale Margaret, B.A. - - - - - - 1964
Barker, Natalie Ruth - - - - - - - - 1963
Bateman, Ronald Charles - - - - - - - 1964
Bird, Catherine Campbell - - - - - - - 1963
Bull, Lorna Adelene - - - - - - - - - 1964
Burnard, Robin - - - - - - - - - - 1960
Clarke, Bernard Angus - - - - - - - - 1963
Clarkson, Phyllis Anne - - - - - - - - 1963
Cohn, Juliet Elizabeth - - - - - - - - 1963
Cutten, Annable Jean - - - - - - - - 1963
Dermott, Veda Rosemary - - - - - - - 1959
Douglas, Rosemary Lillian, B.A. - - - - - 1961
Duncan, Cynthia - - - - - - - - - - 1964
Forwood, Kathreen Meta - - - - - - - - 1964
Frost, Josephine - - - - - - - - - - 1964
Gay, Patricia Emma - - - - - - - - - 1961
Gaze, Belinda Jane - - - - - - - - - 1964
Golley, Alison Mary - - - - - - - - - 1962
Good, Elizabeth Ruth - - - - - - - - 1963
Haeusler, Michael John Rowland - - - - - 1963
Hardy, Margaret Anne - - - - - - - - 1962
Harris, John Vivian - - - - - - - - - 1962
Harry, Jenifer Priscilla - - - - - - - - 1964
Hemer, John Murray - - - - - - - - - 1962
Higgins, Anthea Mary - - - - - - - - 1961
Hines, Judith Helen - - - - - - - - - 1963
Holland, Terence Joseph - - - - - - - 1960
Hughes, Patricia Gliddon, B.Sc. - - - - - 1960
Hughes, Rosalind Selwyn - - - - - - - 1964
Jeffries, Elizabeth Shirley, B.A. - - - - - 1959
Jones, Moya Frances Britten- - - - - - - 1959
Kernick, Lorraine Maria Catherine - - - - 1963
Killington, Gary Milton - - - - - - - - 1963
McKittrick, Coral Yvonne - - - - - - - 1961
Mander, Barbara Anne - - - - - - - - 1963
Meaney, Jillian Olga - - - - - - - - - 1963
Miller, Christine Elisabeth - - - - - - - 1963
Moore, Barbara Grace, M.A. (Melbourne) - - 1960
Nance, Graham John - - - - - - - - - 1962
Noble, Jack Morton - - - - - - - - - 1962
Parker, Frank Connell - - - - - - - - 1964
Potter, Pamela Du Rieu - - - - - - - - 1963
Price, Lorraine Ruth - - - - - - - - - 1959
Rice, Peter Melville - - - - - - - - - 1963
Scott, Diana Steele - - - - - - - - - - 1964
Shepherd, Philippa Jan - - - - - - - - 1964
South, Jane Helen - - - - - - - - - - 1964
Southgate, Jocelyn Margaret - - - - - - - 1963
Tan, Jerry Andrew - - - - - - - - - 1961
Weir, Harold Gibson - - - - - - - - - 1963
Yeo, Khee Bee - - - - - - - - - - - 1964
Yeo, Kim Seok - - - - - - - - - - - 1961

ASSOCIATES IN PHYSIOTHERAPY

Abbie, Margaret Helen - - - - - - - 1963
Ackland, Helen Harrington - - - - - - 1958
Adams, Jill Patricia - - - - - - - - - 1962
Addison, Geraldine Mary - - - - - - - 1960
Anderson, Doreen May - - - - - - - - 1958
Appleby, Dorothy Dawn - - - - - - - 1950
Ashton, Barbara Jean - - - - - - - - 1953
Ashton, Virginia Margaret - - - - - - - 1964
Badge, Helen Elizabeth - - - - - - - - 1960
Banks, Athalie Isabelle - - - - - - - - 1951
Banks, Garland - - - - - - - - - - 1951
Barclay, Alison Mary - - - - - - - - - 1960
Barlow, Margaret Jean - - - - - - - - 1956
Barnett, Mary-Elizabeth Anne - - - - - - 1964

Beech, Alison Erica - - - - - - - - - 1954
Begg, Jenny Isobel - - - - - - - - - 1949
Begg, Pauline - - - - - - - - - - 1951
Betts, Elizabeth Ann - - - - - - - - 1964
Birks, Prudence Carleton - - - - - - - 1963
Biven, Mabel Audrey - - - - - - - - 1947
Blake, Jillian Heather - - - - - - - - 1956
Bloor, Hellyne - - - - - - - - - - 1961
Bowden, Margery Helen - - - - - - - - 1960
Bowman, Kathleen Mary - - - - - - - - 1952
Brady, Kevin James - - - - - - - - - 1953
Branson, June Maxine - - - - - - - - 1948
Broad, Donald Ivor - - - - - - - - - 1954
Brooks, Dorothea Joan - - - - - - - - 1956
Burnard, Elizabeth Glen - - - - - - - - 1963
Burrows, Susan Joy - - - - - - - - - 1962
Butler, Barbara Christine - - - - - - - - 1964
Chambers, Ruth Alva - - - - - - - - - 1955
Chapman, Margaret Ann - - - - - - - - 1957
Chapple, Margaret Anne - - - - - - - - 1962
Chittleborough, John James - - - - - - - - 1952
Clark, Genevieve Mary - - - - - - - - - 1950
Clark, Jenifer Margaret - - - - - - - - 1954
Clark, Jennifer Elaine - - - - - - - - - 1955
Collins, Doreen - - - - - - - - - - 1946
Colliver, Judith Mary - - - - - - - - - 1947
Copley, Fay Muriel - - - - - - - - - 1948
Cornell, Janet-Clare - - - - - - - - - 1956
Cornish, Barbara Jean - - - - - - - - - 1957
Cornish, Gwenneth Kathleen - - - - - - - - 1957
Creswell, Joan Elizabeth - - - - - - - - 1951
Crisp, Rosemary - - - - - - - - - - 1956
Crocker, Colleen Ann - - - - - - - - - 1958
Cross, Geraldine Frances - - - - - - - - 1954
Crowe, Helen Katherine Margaret - - - - - - 1948
David, Irene Rose - - - - - - - - - - 1964
Davys, Barbara Ramsay - - - - - - - - - 1951
Deverson, Claire - - - - - - - - - - 1961
Dicker, Pamela Georgine - - - - - - - - - 1962
Dicker, Patricia Margaret - - - - - - - - - 1958
Dingle, Elizabeth Ridgway - - - - - - - - - 1960
Donaldson, Robert Gordon - - - - - - - - - 1948
Dow, Diana Caroline Sandland - - - - - - - - 1947
Downs, Margaret Rosslyn - - - - - - - - - 1961
Doyle, Christine Mary - - - - - - - - - 1964
Duncan, Julie - - - - - - - - - - - 1964
Dunkley, Barbara - - - - - - - - - - 1952
Dunning, Barbara Kathleen - - - - - - - - 1963
Dunning, Beverley Constance - - - - - - - - 1958
Dwyer, Margaret Rosalind - - - - - - - - 1958
Evans, Margaret Wynne - - - - - - - - - 1956
Fielder, Ethel Kathleen - - - - - - - - - 1948
Filander, Sondra Kay - - - - - - - - - - 1964
Fisher, Joan Elizabeth - - - - - - - - - 1957
FitzPatrick, Eril Margaret - - - - - - - - 1950
Follett, David James - - - - - - - - - 1953
Frankcom, Rhonda Patricia - - - - - - - - 1952
Fricker, Muriel Vera - - - - - - - - - 1948
Gardner, William James - - - - - - - - - 1960
Gault, Averil Margaret - - - - - - - - - 1949
Gemmell, Rae St. Clair - - - - - - - - - 1958
George, Elaine Fay - - - - - - - - - - 1961
Gibson, Pauline Janet - - - - - - - - - 1956
Gilbertson, Jean Margaret - - - - - - - - 1963
Gillman, Meredith Eldred - - - - - - - - 1958
Glover, Patricia Joan - - - - - - - - - 1961
Goldsack, Jenifer Ann - - - - - - - - - 1960
Goodes, Robyn Annette - - - - - - - - - 1964
Graham, Alison Margaret - - - - - - - - 1960
Graham, Ronald Kirkwood - - - - - - - - 1953
Gray, Gary Colin - - - - - - - - - - 1953
Gray, Janet Lesley - - - - - - - - - - 1950
Gray, Jennifer - - - - - - - - - - - 1962
Gray, Jule Marie - - - - - - - - - - 1951
Guy, Elizabeth Joan - - - - - - - - - 1963
Ham, Helen Prudence - - - - - - - - - 1954
Hamilton, Sally Nancy - - - - - - - - - 1958
Hammond, Marie Joan - - - - - - - - - 1951
Hannaford, Claire Anne - - - - - - - - - 1949
Hardy, Barbara Mansell - - - - - - - - - 1946
Hardy, Mary Mansell - - - - - - - - - 1951
Harrod, Susan Elizabeth - - - - - - - - - 1964
Haskard, Robin Lindsay - - - - - - - - - 1954
Heysen, June - - - - - - - - - - - 1948
Holder, Charlotte Ruth - - - - - - - - - 1949
Hole, Rachel Agnes - - - - - - - - - - 1962
Hosking, Elizabeth Mary - - - - - - - - - 1957
Humphry, Mary Louise - - - - - - - - - 1962
Hunwick, Janet Margaret - - - - - - - - - 1964
Jackson, Pauline Kay - - - - - - - - - - 1963

James, Christine Roberta - - - - - - - - 1964
Jamieson, June Edna - - - - - - - - - 1953
Jay, Judith Helena - - - - - - - - - - 1947
Jennings, Jill Gellibrand - - - - - - - - 1947
Job, Kathleen - - - - - - - - - - - 1950
Johns, Gordon James - - - - - - - - - 1946
Johnstone, Heather Joy - - - - - - - - - 1958
Jones, Alison Mary Herbert - - - - - - - - 1948
Jordan, Hilary Anne - - - - - - - - - 1951
Juttner, Susan Elizabeth - - - - - - - - 1953
Karpenko, Tatiana - - - - - - - - - - 1961
Karpenko, Zoya - - - - - - - - - - - 1961
Kelly, Francis Simeon - - - - - - - - - 1949
Kinsman, Alison Joan - - - - - - - - - 1949
Klutke, Eric Willi - - - - - - - - - - 1953
Laffer, Erica Merle - - - - - - - - - - 1952
Lake, Joan - - - - - - - - - - - 1946
Laver, Dorothy Margaret - - - - - - - - 1948
Leslie, Janice Laurel - - - - - - - - - 1958
Limbert, Jeanette - - - - - - - - - - 1960
Lloyd, Rosemary Anne - - - - - - - - - 1962
Lokan, Janice Mary - - - - - - - - - - 1964
McArthur, Judith Ann - - - - - - - - - 1958
McAuliffe, Margaret Muriel - - - - - - - - 1960
McCandless, Rosalind Elizabeth - - - - - - 1953
McCarthy, Adrienne - - - - - - - - - - 1964
McEachern, Jean Campbell - - - - - - - - 1958
McEachern, Margaret Campbell - - - - - - 1963
McElroy, Margaret Joyce - - - - - - - - 1950
McGrady, Rosemary Annette - - - - - - - - 1959
McKay, Margaret - - - - - - - - - - - 1962
McKeough, Margaret Joan - - - - - - - - 1957
Mackie, Margaret Irene - - - - - - - - - 1950
McLennan, Fay Masie - - - - - - - - - 1951
McPhee, Aileen Tempe - - - - - - - - - 1949
Macrae, Wendy Sue - - - - - - - - - - 1961
Maitland, Geoffrey Douglas - - - - - - - - 1949
Maloney, Patricia Kathleen - - - - - - - - 1950
Marshman, Margaret Felstead - - - - - - - - 1946
Martin, Jill Sherwood - - - - - - - - - 1961
Messent, Helen Sando - - - - - - - - - 1960
Meyer, Carlien Allisarde Ripley - - - - - - 1952
Meyer, Rigmor Stewart - - - - - - - - - 1948
Miller, Barbara Anne - - - - - - - - - 1964
Mitchell, Dorothy Christine - - - - - - - - 1948
Moore, Margaret Suzanne Alice - - - - - - - 1945
Moore, Virginia Joyce - - - - - - - - - 1952
Morley, Mary Elizabeth - - - - - - - - - 1946
Morris, Suzanne Beatrice - - - - - - - - - 1949
Moulden, Gillian Mary - - - - - - - - - 1960
Myers, Janice Kaye - - - - - - - - - - 1963
Navakas, Aldona Victoria - - - - - - - - - 1957
Neaylon, Carmel Mary - - - - - - - - - 1960
Newland, Elizabeth Creswell - - - - - - - - 1961
Newton, Margaret Betty - - - - - - - - - 1950
North, Laura Pearl - - - - - - - - - - 1964
O'Connell, Barbara - - - - - - - - - - 1952
Page, Helen Mary - - - - - - - - - - - 1961
Paige, Maxwell John - - - - - - - - - - 1949
Parsons, Jill Angas - - - - - - - - - - 1958
Parsons, Stephanie Ethel - - - - - - - - - 1961
Peart, Norman Andrew - - - - - - - - - 1964
Pedler, Hatherleigh Jane Lorimer - - - - - - 1962
Pengilly, Susan Lisbeth - - - - - - - - - 1957
Petchell, Dorothy May - - - - - - - - - 1960
Phillipps, Margaret Jean - - - - - - - - - 1945
Phillips, Julie Gordon - - - - - - - - - 1964
Phillis, Maureen Alfreda - - - - - - - - - 1962
Pierotti, Margaret Brown Halley - - - - - - 1955
Pill, Barbara Elaine - - - - - - - - - - 1958
Pinder, Judith Ann - - - - - - - - - - 1954
Piper, Rosemary Lillecrapp - - - - - - - - 1954
Pitcher, Anne Barton - - - - - - - - - - 1951
Plush, Lesley Margaret - - - - - - - - - 1949
Polomka, Genevieve Joan - - - - - - - - - 1957
Preston, Pauline Rowland - - - - - - - - - 1949
Price, Joanna - - - - - - - - - - - 1960
Radford, Margaret Ann - - - - - - - - - 1956
Reynolds, Peter John - - - - - - - - - 1960
Rice, Miriam Joan - - - - - - - - - - 1958
Rischbieth, Anne Helen - - - - - - - - - 1950
Roach, Valerie Eyre - - - - - - - - - - 1949
Robertson, Mary Douglas - - - - - - - - - 1947
Robinson, Josephine Ann - - - - - - - - - 1964
Rofe, Margaret Jean - - - - - - - - - - 1950
Ross, Susan Mary - - - - - - - - - - - 1947
Rumball, Kathleen Janet - - - - - - - - - 1955
Russell, Rosemary Alisanne - - - - - - - - 1961
Rzeszkowski, Lois Morna - - - - - - - - - 1946
Salmon, Margaret Besley - - - - - - - - - 1945

Sandow, Maxwell George - - - - - - - 1952
Sawley, Helen Jean - - - - - - - - 1963
Schafer, Enid Alice - - - - - - - - 1962
Sharp, Janet Dianne - - - - - - - - 1960
Shaw, Julie Margaret Rodas - - - - - - 1962
Shearer, Jocelyn Joan - - - - - - - 1962
Showell, Jacqueline Mary - - - - - - 1963
Simpson, Jean Katie - - - - - - - - 1952
Simpson, Rae David - - - - - - - - 1951
Simons, Aileen Mary Grace - - - - - - 1957
Sims, Enid Helen - - - - - - - - - 1950
Singh, Pritam - - - - - - - - - - 1960
Skewes, Judith Anne - - - - - - - - 1963
Smith, Elaine Lockhart - - - - - - - 1946
Snow, Frances Mary - - - - - - - - 1955
Sopp, Maxwell John - - - - - - - - 1958
Southam, Catherine Mary Rose - - - - - 1956
Springbett, Janice Patricia - - - - - - 1963
Starr, Judith Anne - - - - - - - - 1954
Stoddart, Lorraine Mary - - - - - - - 1951
Stokes, Meredith - - - - - - - - - 1962
Supple, Harvey Walter Thomas - - - - - 1958
Stump, Angela Withrington - - - - - - 1961
Symonds, Helen Lorna - - - - - - - 1960
Taylor, Christobel Jane - - - - - - - 1952
Taylor, Katherine Lillian - - - - - - 1964
Taylor, Margaret Anne - - - - - - - 1952
Taylor, Margaret Jane - - - - - - - 1960
Taylor, Margaret Mary - - - - - - - 1952
Thomson, Janet Elizabeth - - - - - - - 1951
Thomson, Rae Madelienne - - - - - - - 1964
Thorpe, Barbara Joy - - - - - - - - 1957
Thorpe, Heather Evelyn - - - - - - - 1957
Toft, Jan - - - - - - - - - - - 1956
Tosolini, Gwen Corinna - - - - - - - - 1951
Tregenza, Ann Irvine - - - - - - - - 1956
Trott, Patricia Helen - - - - - - - - 1963
Viksna, Velta - - - - - - - - - - 1955
Vincent, Jillian - - - - - - - - - 1957
Vogt, Janette Helen - - - - - - - - 1964
Waddell, Margaret Jean - - - - - - - 1945
Walford, Joan Louise - - - - - - - - 1957
Walker, Judith Nora Mudie - - - - - - 1958
Walker, Margaret Gail - - - - - - - - 1964
Walker, Patricia Elizabeth - - - - - - 1963
Wall, Ellen Winifred - - - - - - - - 1958
Warmington, Leonie Eve - - - - - - - 1961
Waterhouse, Jane Hardey - - - - - - - 1953
Watts, Alison Janet - - - - - - - - 1962
Webb, Nancy Joan - - - - - - - - - 1958
Whicker, Joan Doreen - - - - - - - - 1954
White, Jenifer Judith - - - - - - - - 1954
White, Ruth Rosanne - - - - - - - - 1956
Wicks, Claire Hampton - - - - - - - - 1947
Williams, Margaret Jean - - - - - - - 1961
Willis, Elizabeth Mary - - - - - - - - 1960
Wilson, Earle Elliot - - - - - - - - 1958
Winnall, Ann Mary - - - - - - - - - 1964
Wood, Judith Mary - - - - - - - - - 1953
Woolcock, Susan Jane - - - - - - - - 1963
Wylde, Annette Eustace - - - - - - - 1947
Young, Margaret Alison - - - - - - - 1960

ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond - - - - - - - 1960
Adams, Colin Travers - - - - - - - - 1962
Adams, Ian Sorby - - - - - - - - - 1959
Adams, James Harold (surrendered 1964) - 1961
Adams, Malcolm Thomas - - - - - - - - 1952
Ahrens, Elsie Gladys (surrendered 1955) - 1951
Aitchison, John William - - - - - - - - 1963
Alexander, Stuart Dixon - - - - - - - 1952
Anders, Beverley Margaret - - - - - - - 1958
Anderson, Welwood Leslie - - - - - - - 1963
Andrew, Russell - - - - - - - - - - 1960
Andrews, David Francis William - - - - - 1948
Andrews, Rosemary Alison - - - - - - - 1953
Arbery, James Herbert (surrendered 1959) - 1957
Argyle, Barry - - - - - - - - - - - 1954
Armitage, Bessie Eleanor Mildred - - - - 1949
Armour (nee O'Leary), Patricia - - - - - 1950
Armstrong, Peter John - - - - - - - - 1964
Arnold, Lea Catherine - - - - - - - - 1964
Ashenden, Dean John (surrendered 1964) - 1962
Ashenden, Edward Scott - - - - - - - - 1961
Ashton, Walter Ray - - - - - - - - - 1950
Aspinall, Nancie Jean - - - - - - - - 1951
Atkin, Jack Taylor - - - - - - - - - 1955
Aubert, Grahan James - - - - - - - - 1958
Auhl, Ian Leslie - - - - - - - - - - 1952
Aylesbury, Colleen Valma Grace - - - - - 1959
Baddams, Alfred William - - - - - - - 1962
Bailey, Donald William - - - - - - - - 1956
Bails, Dennis Graham - - - - - - - - 1959
Bain, Barrington Walter - - - - - - - 1960
Bain, Dean Rollo - - - - - - - - - 1959
Baird, Alexander William - - - - - - - 1959
Baird, Rachel Mary - - - - - - - - - 1949
Baker, Brian Reginald - - - - - - - - 1962
Baker, Harvey Laurence - - - - - - - - 1950
Bald, Percy Melville - - - - - - - - - 1964
Banks, Jessie Mary - - - - - - - - - 1962
Barclay, Barrey Ballington - - - - - - - 1957
Barker, Leon James Frank - - - - - - - 1952
Barker, Nancy Elizabeth - - - - - - - - 1961
Barr, Gweneth Janet - - - - - - - - - 1957
Barr, Trevor Frank - - - - - - - - - 1961
Barr, Trevor Marshall - - - - - - - - 1961
Barratt, Christopher Holland - - - - - - 1961
Barrett, Donovan Thomas - - - - - - - 1959
Barrett, Wendy Joan - - - - - - - - - 1964
Barry, Anne Madeleine - - - - - - - - 1963
Bartley, Helen Louise (surrendered 1962) - - 1959
Bartram, John Douglas - - - - - - - - 1962
Bastian, Elwin Scott (surrendered 1956) - 1952
Bawden, Maxwell John - - - - - - - - 1958
Baxter, Ladislus Edward - - - - - - - - 1949
Bayly, Elizabeth - - - - - - - - - - 1948
Beare, Lynden Day (surrendered 1960) - - 1955
Beare, Lynette Barbara - - - - - - - - 1959
Beasley (nee Ford), Beverley - - - - - - 1958
Beasley, Victor John (surrendered 1957) - - 1955
Beaton, Kenneth Murray - - - - - - - 1958
Beaty, Arnold Keith - - - - - - - - - 1952
Beaumont, Dorothy Mary - - - - - - - - 1963
Becker, Roy Colin - - - - - - - - - - 1959
Beer, Peter John - - - - - - - - - - 1961
Beilby, Shirley May - - - - - - - - - 1954
Bell, Kenneth Robert - - - - - - - - - 1961
Bennett, Henry Russell - - - - - - - - 1948
Bennetts, Lloyd Neville - - - - - - - - 1963
Berg, Carlene Robin - - - - - - - - - 1959
Bernard, Dorothy Adele James - - - - - 1958
Berry, Christine (surrendered 1963) - - - 1961
Berry, Elizabeth-Anne - - - - - - - - 1962
Best, Mary Irene - - - - - - - - - - 1964
Biddle (nee Richards), Mary Elizabeth - - 1948
Bieske, Elaine Alison, B.Sc. - - - - - - 1962
Billing, Elizabeth Margaret - - - - - - 1960
Bills, Barbara Alison - - - - - - - - 1959
Birks, Stuart Napier - - - - - - - - - 1962
Black, Jill - - - - - - - - - - - 1959
Blacket, Muriel Kirin - - - - - - - - - 1960
Blackman, Donald Oliver - - - - - - - 1964
Blake, Ronald - - - - - - - - - - - 1961
Bonnett, Victor Walter Lincoln - - - - - 1954
Boehm, Kaylene Mary - - - - - - - - - 1960
Bormann, Malcolm Carl - - - - - - - - 1959
Bosworth, Catherine Jean - - - - - - - 1951
Bourman, Robert Peter - - - - - - - - 1960
Bourne, Margaret Cornelius - - - - - - 1949
Bowden, Janet - - - - - - - - - - - 1951
Bowler, Mary - - - - - - - - - - - 1949
Bown, Henry Theobald - - - - - - - - 1949
Boyd, Pamela Helen - - - - - - - - - 1963
Bradock, Leslie Gordon - - - - - - - - 1964
Braendler, John Edward - - - - - - - - 1964
Braham, Henry Arnold Collyer (surrendered 1959) - - - - - - - - - - - - - 1949
Brand, Janice Margaret - - - - - - - - 1962
Brand, Valerie Mildred - - - - - - - - 1960
Brideson, Colin Herbert - - - - - - - 1950
Bridgland, Margot Elizabeth - - - - - - 1953
Bright, Esther Hollidge - - - - - - - - 1960
Britton, Robert John - - - - - - - - - 1960
Broadbent, Colin Lindsay - - - - - - - 1964
Brockhoff, Carol Faith - - - - - - - - 1960
Brocksopp, John Ernest, LL.B. - - - - - 1951
Brodie, Elizabeth Anne - - - - - - - - 1964
Brooks, William Charles - - - - - - - - 1963
Brown, Bruce Ambrose Hampson - - - - - 1960
Brown, Norman (surrendered 1952) - - - - 1951
Brown, Patricia Lorraine - - - - - - - 1958
Browne, Thomas Joseph - - - - - - - - 1957
Bryson, Margaret Elise - - - - - - - - 1964
Buick, William George (surrendered 1956) - 1950

Bull, Keith Charles - - - - - - - - - 1962
Burfield, Gillian Elizabeth - - - - - - 1963
Burfield, Margaret Elizabeth - - - - - 1956
Burfield, Philip Allan - - - - - - - 1961
Burgan, Owen Sylvester - - - - - - - 1948
Burgan, Owen Thomas Sambell - - - - - 1963
Burger, Janette Ann - - - - - - - - 1958
Burley, Betty Ellanora Dawn - - - - - - 1951
Burnard, Charles Robert - - - - - - - 1948
Burns, Esther - - - - - - - - - - 1948
Burns, Robert Alexander - - - - - - - 1951
Burrow, Joy Rosemary - - - - - - - - 1964
Burrows, Natalie Joyleen - - - - - - - 1964
Burton, Lorraine Anne - - - - - - - - 1961
Burville, Thomas George Theodore - - - - 1952
Bury, Warren Richard - - - - - - - - 1963
Butcher, Colin Sydney - - - - - - - - 1951
Butler, Francis James - - - - - - - - 1948
Butler, Kenneth - - - - - - - - - - 1963
Buttrose, Stroma - - - - - - - - - - 1951
Buxton, Gordon Leslie (surrendered 1962) - 1955
Byerley, Ernest William - - - - - - - - 1963
Bywaters, Mary Barfield - - - - - - - - 1951
Cadd, Paul - - - - - - - - - - - - 1961
Campbell, Barbara - - - - - - - - - 1950
Canning, Sesca Sunbeam - - - - - - - - 1960
Carle, Judith Anne - - - - - - - - - 1959
Carmichael, Barry Marshall - - - - - - - 1962
Carmichael, Donald Ross (surrendered 1950) 1949
Carpenter, Ivor Vernon - - - - - - - - 1961
Carthew, Ross Ernest - - - - - - - - 1960
Casson, Peter Norman - - - - - - - - 1964
Caudle, Julie Christine - - - - - - - - 1964
Cavenett, Horace Clifford - - - - - - - 1948
Chalklen, Dorothy Anne - - - - - - - - 1964
Champion, Dorothea Hedwig - - - - - - 1958
Chandler, Douglas Norman - - - - - - - 1951
Chappel, Shirley Joan (surrendered 1959) - 1956
Chapman, Kathrine Mary - - - - - - - - 1962
Charlesworth, George Harvey (surrendered 1953) - - - - - - - - - - - - 1950
Charlesworth, Jennifer Joy (surrendered 1964) 1957
Charlesworth, Joan Ann - - - - - - - - 1954
Chettle, Alison Rosemary - - - - - - - 1962
Chinnick, Richard Lionel - - - - - - - 1954
Chirgwin, Richard Joseph - - - - - - - 1962
Christopher, Glenys Joan - - - - - - - 1963
Cinzio, Aldo Guiseppe - - - - - - - - 1960
Clancy, Peter Allan (surrendered 1962) - - 1953
Clapp, Edwin Kenneth Hamilton - - - - - 1960
Clark, John Stephen - - - - - - - - - 1951
Clark, Marjorie Hilda - - - - - - - - 1960
Clarke, Brian Russell, B.Sc. - - - - - - 1961
Clarke, Margaret Anne - - - - - - - - 1948
Clarke, Ruth Mary - - - - - - - - - 1949
Clements, John Wreford (surrendered 1963) - 1958
Clezy, Alethe Kathleen - - - - - - - - 1956
Clifford, Joyleen May - - - - - - - - 1964
Cochrane, Heather Bernice - - - - - - - 1954
Coggins, Harold Douglas, B.Sc. - - - - - 1954
Coggins, Jean Evelyn - - - - - - - - - 1961
Coggins, Robert Symes, B.Sc. (surrendered 1954) - - - - - - - - - - - - 1951
Coker, John Godfrey - - - - - - - - - 1954
Coleman, Mostyn John - - - - - - - - 1964
Coles, John Lawrence - - - - - - - - - 1962
Collins, Geraldine Ray - - - - - - - - 1961
Collins, Henry Angus - - - - - - - - 1959
Collins, Patricia - - - - - - - - - - 1960
Conley, Michael Joseph - - - - - - - - 1963
Considine, Thomas John - - - - - - - - 1950
Cook, Colin George - - - - - - - - - 1951
Cook, Dorothea Joy - - - - - - - - - 1961
Cook, Owen Gladstone - - - - - - - - 1951
Coombs, Ruby Rachel - - - - - - - - - 1953
Coppock, Alfred Arthur - - - - - - - - 1950
Coram, Allan James - - - - - - - - - 1964
Cordes, Cedric Murray - - - - - - - - 1964
Cornelius, Dorothy Clare - - - - - - - 1962
Correll, Meredith Anne - - - - - - - - 1962
Cotton, Clare Isabella - - - - - - - - 1961
Couch, Pamela Lyn Stacey - - - - - - - 1963
Coulter, Frank - - - - - - - - - - - 1961
Cousins, Georgena Millicent - - - - - - 1949
Cowley, Lorine Joan - - - - - - - - - 1952
Cox, Barbara Caroline - - - - - - - - 1962
Cox, Margaret Helen - - - - - - - - - 1960
Cozens, Samuel Sydney - - - - - - - - 1963
Cracknell, Vernon John - - - - - - - - 1959
Crannaford, Barry John - - - - - - - - 1963
Crick, Beverley Joan - - - - - - - - - 1963
Crick, Pamela Anne - - - - - - - - - - 1960
Cropley, William Haywood - - - - - - - 1958
Cross, Jack (surrendered 1957) - - - - - 1953
Crotty, Margaret Audrey - - - - - - - - 1962
Crouch, Stuart Samuel - - - - - - - - 1956
Crowther, Frederick John - - - - - - - 1963
Cunningham, John Sydney - - - - - - - 1962
Cupples, Sylvia Joyce - - - - - - - - 1956
Curtis, Carol June - - - - - - - - - 1964
Dadds, Brian James - - - - - - - - - 1959
Dadleff, Amette Thelma - - - - - - - - 1962
Daenke, Eric - - - - - - - - - - - 1948
Dahl, James Oliver - - - - - - - - - 1949
Dalzell, Josephine Nicholson - - - - - - 1963
Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.) - - - - - - - - - - - - 1962
Dangerfield, Graham Lance - - - - - - - 1963
Daniel, John Robert - - - - - - - - - 1964
Darby, Ruth Mary - - - - - - - - - - 1949
Davey, Kenneth Llewellyn James - - - - - 1953
Davies, Christine Anne - - - - - - - - 1963
Davies, David Alwin - - - - - - - - - 1956
Davies, David William - - - - - - - - - 1950
Davis, Brian - - - - - - - - - - - - 1949
Davis, Frederick Harry (surrendered 1955) - 1954
Davis, Leo Robert - - - - - - - - - - 1963
Davy, Alma Joan - - - - - - - - - - - 1961
Dawe, John Francis Ernest - - - - - - - 1963
Dawes, Walter Ernest (surrendered 1954) - 1949
Dayman, John Maxwell - - - - - - - - - 1963
Dean, Daniel Frederick - - - - - - - - 1959
Deer, Elsie Joan - - - - - - - - - - - 1964
Della-Putta, Bice - - - - - - - - - - 1964
Delsar, Frederick William - - - - - - - - 1949
Dempster, Beryl Joan (surrendered 1963) - 1961
Dempster, Donald - - - - - - - - - - 1949
Dening, Patricia Joan (surrendered 1958) - 1956
Dent, Ronald Thomas Stewart - - - - - - 1952
Dickinson, Gwladys Margaret - - - - - - 1958
Dillon, Gerald Alexander, B.A., B.T. (Calcutta) 1958
Dillon, Naralie Anne (surrendered 1961) - 1957
Ding, Graham John - - - - - - - - - - 1961
Dixon, James Elmslie - - - - - - - - - 1957
Dobner, Coralie Ann - - - - - - - - - 1959
Dobner, Frederick Jack Pozières - - - - - 1956
Dodd, Adrienne Lesley - - - - - - - - - 1964
Dodd, Josephine Joyce - - - - - - - - - 1962
Dodsworth, Ian Innes - - - - - - - - - 1963
Dolling, Alison Mary - - - - - - - - - 1960
Dorman, Jean Alison - - - - - - - - - 1951
Dougherty, Ronald James - - - - - - - - 1963
Dowdell, Anne - - - - - - - - - - - 1961
Dowley, Pamela Anne - - - - - - - - - 1962
Downing, Frank Charles Richard - - - - - 1964
Driver, Bruce Edwin - - - - - - - - - 1952
Driver, Tess - - - - - - - - - - - - 1942
Driver (nee Nixon), Valerie Colinette (surrendered 1957) - - - - - - - - - - - 1952
Drogemuller, Jillian - - - - - - - - - 1961
Drummond, Susan Kay - - - - - - - - - 1962
Duell, Allen John - - - - - - - - - - 1951
Duffield, Allan Raymond - - - - - - - - 1961
Duffield, John Richard - - - - - - - - 1963
Dunbar, Harry Edward - - - - - - - - - 1953
Dunlop, Walter James (surrendered 1952) - 1951
Dunstan, Allan Frederick - - - - - - - - 1961
Dunstan, Arnold Edward Stanton - - - - - 1948
Dunstan, John Charles - - - - - - - - - 1963
Dunstan, Leonore Winifred - - - - - - - 1958
Durham, Ashley Morton - - - - - - - - - 1964
Dyer, Frederick Stephen William - - - - - 1955
Dyster, Colin (surrendered 1964) - - - - - 1958
Dyster, Thomas (surrendered 1953) - - - - 1949
Earle, Marilyn May - - - - - - - - - - 1962
Eckert, Lexley Frank - - - - - - - - - 1951
Edge, Thomas George, A.U.A. (Phys.Ed.) (surrendered 1963) - - - - - - - - - - - 1961
Edmonds, Thomas James (surrendered 1963) 1956
Edwardes, Arthur Diedrich - - - - - - - 1950
Ekins, William Gray - - - - - - - - - 1955
Elliott, Rodney Gordon - - - - - - - - 1964
England, Barbara Winsome (surrendered 1964) - - - - - - - - - - - - - 1963
Erlanger, Henriette - - - - - - - - - 1962
Erskine, John Robert - - - - - - - - - 1964
Esselbach, Rodney (surrendered 1956) - - 1953
Evans, Ben Owen - - - - - - - - - - 1950
Evans, Darrel Bruce - - - - - - - - - 1964
Evans, Peter - - - - - - - - - - - - 1953

Fagan (nee Michael), Agnes Ruth - - - 1955
Farmer, Geoffrey Arthur Jessop - - - - 1956
Farrow, Robert Murray (surrendered 1956) - 1950
Fatchen, Winsome Genevieve - - - - - 1963
Faull, James Francis - - - - - - - 1957
Fechner, Ronald Kevin - - - - - - - 1955
Fehlberg, Albrecht Joachim - - - - - 1955
Feineler, Josephine Mary (surrendered 1962) - 1958
Fenwick, George William - - - - - - 1963
Fenwick, Margaret Jean, A.U.A. (Phys.Ed.) - 1961
Fergusson, George Robert (surrendered 1953) 1948
Fewster, Ian Robert - - - - - - - - 1964
Fielke, Robert John - - - - - - - - 1960
Findlay, Anthony Robert Charles - - - - 1963
Fitch, Nancy Jean - - - - - - - - - 1949
Fitzgerald, Clarence Lindsay (surrendered 1952) - - - - - - - - - - - 1949
Fitzgerald, Peter Lawrie - - - - - - - 1963
Fletcher, Diana Kay - - - - - - - - 1962
Fliszar, Beatrix - - - - - - - - - 1960
Flower, Richard Thomas - - - - - - - 1963
Floyd, Dennis Sinclair - - - - - - - 1961
Fopp, Brian Paul - - - - - - - - - 1959
Foweraker, Alma Muriel - - - - - - - 1950
Fowler, Ian Albert - - - - - - - - 1960
Francis, Lindsay Edward - - - - - - - 1961
Frank, Walter - - - - - - - - - - 1960
Fraser, John William - - - - - - - - 1963
Freidenfelds, Ieva - - - - - - - - - 1961
Fricker, Lourdes Victoria - - - - - - 1951
Friedrichs, Noel Carl - - - - - - - - 1952
Fuss, Patricia Joy - - - - - - - - - 1959
Gage, Josephine Helen - - - - - - - - 1958
Gale, Milton Ewart - - - - - - - - - 1956
Gallas, David Dalmain - - - - - - - - 1956
Galle, Reginald Victor - - - - - - - - 1951
Galvin, Patrick John (surrendered 1956) - - 1953
Garbutt, Mary - - - - - - - - - - 1954
Gare, Dorothy Lomax - - - - - - - - 1958
Garrett, Karil Mary Faith - - - - - - - 1962
Geekie, Ronald Gordon - - - - - - - - 1955
Geering, Adrian Douglas - - - - - - - 1963
Gent, Alan Peter - - - - - - - - - - 1962
Gerhardy, Gordon John (surrendered 1962) - 1956
Gerken, Dieter Ernst - - - - - - - - - 1963
Gerner, Gillian May - - - - - - - - - 1962
Gersch, Helen Rexene - - - - - - - - 1964
Gibbs, Alfred Lewis Burnand - - - - - - 1948
Gibbs, Helen - - - - - - - - - - - 1962
Gibson, Helen Edith - - - - - - - - - 1961
Giddings, Keith (surrendered 1962) - - - 1958
Gidney, Maxine Florence - - - - - - - 1957
Giles, James Ramsay - - - - - - - - 1951
Gillies, Elizabeth Claire - - - - - - - 1959
Gladwell, John Neal Thomas - - - - - - 1963
Glazbrook, Evelyn Marshall - - - - - - 1958
Glenn, Graham Gordon (surrendered 1958) - 1954
Glover, Geoffrey Edward Harold - - - - 1951
Glynn-Roe, Wilfrid Joseph - - - - - - 1948
Gobbett, Donald Lyon (surrendered 1962) - 1960
Godwin, Suzanne (surrendered 1962) - - - 1960
Golding, Edmond William (surrendered 1951) 1949
Goode, Joy Eleanor - - - - - - - - - 1963
Gooden, Christabel Anne - - - - - - - 1961
Goodman, Geoffrey Thomas - - - - - - 1962
Gordon, Bruce Rutherford (surrendered 1964) 1960
Govier, Gerald Arthur - - - - - - - - 1963
Gower, Charlie James (surrendered 1954) - 1951
Graham, John Robert - - - - - - - - - 1961
Grave, Rosemary Anne - - - - - - - - 1956
Gray, Ian Howard - - - - - - - - - 1962
Grebneff, Antonina - - - - - - - - - 1962
Green, Ian Edward Charles (surrendered 1963) - - - - - - - - - - - - 1949
Griffin, Margaret Elizabeth - - - - - - 1959
Grigg, Marilyn Jeanette - - - - - - - 1961
Grigg, Michael Liston - - - - - - - - 1959
Guerin, Robert - - - - - - - - - - 1950
Gunn, Donald Malcolm - - - - - - - - 1963
Gunn, James Allan Baikie (surrendered 1959) 1957
Gurry, David Cyril (surrendered 1964) - - 1960
Hackworth, Anne Elizabeth - - - - - - - 1961
Haese, Kevin Arthur - - - - - - - - 1955
Hagger, Brian Gordon - - - - - - - - 1963
Hakendorf, Hansie St. Clair - - - - - - 1950
Halbert, John Arno, A.U.A. (Phys. Ed.) - - 1964
Hall, Clifford Thomas Robert - - - - - 1950
Hall, Glenys Christine - - - - - - - - 1962
Hall, Robert Arthur - - - - - - - - - 1962
Hallewell, Audrey Joan - - - - - - - - 1952
Hallewell, Heather May - - - - - - - - 196
Halsey, Trevor Geoffrey - - - - - - - - 195
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Honan, Margaret Colette - - - - - - - - 195
Honey, John Woodville - - - - - - - - - 196
Hood, Ralph - - - - - - - - - - - 196
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Howell, William Ewart - - - - - - - - 195
Howlett, Eric Douglas - - - - - - - - 195
Howse, Brian Leonard - - - - - - - - - 196
Hudson, Nancy MacDonald - - - - - - - - 195
Hughes, John - - - - - - - - - - - 195
Humphrey, Ruth Iris Marie, B.Sc. - - - - 195
Humphreys, Minnie Rees - - - - - - - - 196
Humphries, Arthur Cecil George - - - - - 195
Humphries, Edna Jeanine - - - - - - - - 195

Humphries, Ralph (surrendered 1961) - - - 1959
Humphrys, Walter Raymond - - - - - - 1961
Hunwick, Margaret Anne (surrendered 1964) 1959
Hussey, Francis Leitch - - - - - - - 1950
Hutchins, Robert John - - - - - - - 1961
Hutson, Walter William - - - - - - 1948
Hutton, Malcolm Austin (surrendered 1963) - 1958
Hynes, Gertrude Doreen - - - - - - 1955
Iliffe, Rosa Lorene - - - - - - - - 1954
Jackson, Esther Mary - - - - - - - 1952
Jackson, John Kevin - - - - - - - - 1964
Jackson, Murray Keith Wallace - - - - 1960
Jackson, Peter Alexander - - - - - - 1962
Jakobsen, Hugo (surrendered 1954) - - - 1952
James, Richard Cecil (surrendered 1954) - 1949
Jeffrey, Deidré - - - - - - - - - 1960
Jeffs, Kathleen Ellinor - - - - - - - 1948
Jellett, Suzanne - - - - - - - - - 1963
Jenkin, Graham Keith - - - - - - - - 1963
Jenkin, Leonard Bee - - - - - - - - 1954
Jenkin, Robert Haydon (surrendered 1962) - 1953
Jenkins, Merle Nona - - - - - - - - 1950
Jenner, Meryl Joan - - - - - - - - 1962
Jennings, Raelene Anne - - - - - - - 1959
John, Evan William - - - - - - - - 1964
Johns, Beryl Fay - - - - - - - - - 1952
Johns, Roger Kenneth - - - - - - - - 1961
Johnston, John Arcus - - - - - - - - 1959
Jones, Helen Margaret - - - - - - - - 1953
Jones, Pamela Sandra - - - - - - - - 1961
Joppich, Oscar Edwin - - - - - - - - 1954
Joyce, Pamela Beth - - - - - - - - - 1956
Judd, James (surrendered 1954) - - - - 1950
Jury, Gay - - - - - - - - - - - - 1962
Kadow, Constance Evelyn - - - - - - 1960
Kahlbaum, Maxwell Robert - - - - - - 1960
Kane, Leo William (surrendered 1962) - - 1958
Kappler, Stewart Garth - - - - - - - 1954
Karutz, Eileen Dorothy - - - - - - - 1963
Kealley, Frank Shenstone (surrendered 1951) 1948
Keane, Brian Bernard - - - - - - - - 1962
Keane, Kenneth John - - - - - - - - 1951
Kearney, Stanley John - - - - - - - - 1956
Kelley, William Brian (surrendered 1951) - 1949
Kelly, Julie Elizabeth - - - - - - - - 1962
Kemp, Mervyn Douglas - - - - - - - - 1964
Kennett, Keith Franklin - - - - - - - 1962
Kenyon, Gladys Ruth - - - - - - - - 1964
Kernich, Norman - - - - - - - - - 1962
Kesting, Norman Gustav - - - - - - - 1951
Kibena, Aimi-Lethe - - - - - - - - - 1958
Kieselbach, Patricia (surrendered 1961) - - 1959
Kimber, William Harold - - - - - - - 1948
Kirke, Joan Mildred - - - - - - - - 1962
Kissell, Thomas Alfred (surrendered 1954) - 1950
Kitto, Keith Olifent - - - - - - - - 1959
Klose, Delrene Mary - - - - - - - - 1963
Klose, Edwin Francis, B.Sc. - - - - - - 1961
Knight, John Michael - - - - - - - - 1964
Kohler, Bryce Leonard Percival - - - - 1955
Kohlhagen, Junette Frieda - - - - - - 1963
Kountoupis, Evagelia - - - - - - - - 1961
Kowald, Pamela Rosalie - - - - - - - 1963
Kowalik, Henry Michael - - - - - - - 1964
Kraft, Patricia Mary - - - - - - - - 1959
Krieg, Terrence Brian - - - - - - - - 1959
Kroehn, Joan Margaret - - - - - - - - 1951
Kubank, Judith Lesley - - - - - - - - 1961
Laidlaw, Valerie - - - - - - - - - 1956
Lamacraft, Kenneth Ronald Ross (surrendered 1954) - - - - - - - - - - - - 1951
Lamborne, Maxwell Addison (surrendered 1953) - - - - - - - - - - - - 1949
Lang, Peter Barry - - - - - - - - - - 1964
Langford, Peter Angas (surrendered 1964) - 1960
Langsford, Irene Eltham - - - - - - - 1949
Lapthorne, Robert Ingersoll, A.U.A. (Phys. Ed.) - - - - - - - - - - - - 1963
Larner, Carolyn Miriam - - - - - - - - 1964
Laslett, Barbara Rose - - - - - - - - 1952
Laslett, Rosalie Elisabeth - - - - - - - 1963
Lavskis, Peter Vidvud - - - - - - - - 1964
Lawrence, Henry Robert - - - - - - - - 1963
Lawson, Joy Rosemary - - - - - - - - 1956
Lawton, Patricia Leone - - - - - - - - 1964
Leak, Brian Hedley (surrendered 1954) - - 1952
Lean, Elizabeth Anne - - - - - - - - 1964
Leaver, Joelie Batten - - - - - - - - 1964
LeCornu, Colin George (surrendered 1954) - 1951
Lee, John Malcolm - - - - - - - - - 1959
Leibie, Albert Lawrence - - - - - - - - 1952
Leigh, Kathleen Lavinia Anne - - - - - - 1951
Lemke, Mollie Aileen - - - - - - - - - 1958
Letcher, John Robert - - - - - - - - - 1964
Lewis, Margaret Jennie - - - - - - - - 1964
Lloyd, Douglas Edwin - - - - - - - - - 1962
Lock, Dorothy Marie Jeanne (surrendered 1954) - - - - - - - - - - - - - - 1950
Lodge, John Kenneth Hyde (surrendered 1957) 1953
Longbottom, Maxwell Ernest (surrendered 1962) - - - - - - - - - - - - - - 1953
Love, Robert Stewart - - - - - - - - - 1948
Loxton, Valerie Jean - - - - - - - - - 1959
Lunnay, Aubrey William - - - - - - - - 1952
Lyall, Margaret Mary - - - - - - - - - 1954
McClaren, James Murray - - - - - - - - 1959
McCracken, Samuel Raymond - - - - - - 1951
McDonald, William George Harlowe - - - 1948
McDowall, James - - - - - - - - - - 1952
McElroy, Anthony Godfrey - - - - - - - 1949
McElroy, Barrie Ivon - - - - - - - - - 1960
McFarlane, Peter William - - - - - - - 1962
McGargill, Gordon Winstanley, A.U.A. (Phys.Ed.) - - - - - - - - - - - - 1961
McGill, Ian Keith (surrendered 1956) - - - 1955
McGuire, Anthony (surrendered 1955) - - - 1952
McKenzie, Hector Malcolm - - - - - - - 1948
McKenzie, John Oswald - - - - - - - - 1962
McKinnon, Bruce John (surrendered 1964) - 1959
McKinnon, Charles Richard - - - - - - - 1951
McKinnon, Kenneth Richard - - - - - - - 1952
McLay, Andrew Harold (surrendered 1953) - 1950
McLean, Kathleen Alice - - - - - - - - 1963
McLean, Ronald Sinclair Allen - - - - - 1956
McLeod, Fiona Ellen - - - - - - - - - 1961
McLeod, Murray Robert Love - - - - - - 1949
McLiesh, Sandra Joan - - - - - - - - - 1964
McMahon, Francis (surrendered 1962) - - - 1960
McNamara, Robert Patrick - - - - - - - 1963
McNarama, Maurene Rita - - - - - - - - 1952
McPherson, John Roger - - - - - - - - 1959
McRostie, Keith Henry - - - - - - - - 1950
MacGillivray, Leith Grant - - - - - - - 1951
Mader, Conrad Wilfred - - - - - - - - 1952
Magnay, William Ralph - - - - - - - - 1952
Magor, William Alwyn Roy (surrendered 1963) - - - - - - - - - - - - - - 1959
Maguire, Catherine Rose - - - - - - - 1961
Mahar, Alan Dalton - - - - - - - - - 1957
Maloney, Terrence Bernard - - - - - - - 1962
Manhood, Cleve Charles (surrendered 1962) - 1959
Manser, William Lloyd (surrendered 1962) - 1959
Mansfield, Richard Charles - - - - - - - 1951
Manuel, Deane James Hubert, B.Ec. (surrendered 1959) - - - - - - - - - - - 1954
Manuel, Peter James - - - - - - - - - 1964
Maple, Alexander Montrose - - - - - - - 1948
Marker, Lois Beatrice - - - - - - - - 1954
Marmach, Tania - - - - - - - - - - 1963
Marsh, Douglas Stanton - - - - - - - - 1959
Marsh, Jessamy Joan - - - - - - - - - 1962
Marsh, William Clarence - - - - - - - - 1951
Marshall, William Edward - - - - - - - - 1960
Martin, Barbara Rose - - - - - - - - - 1962
Martin, George Stanley - - - - - - - - 1960
Martin, John William (surrendered 1964) - - 1950
Martin, Lesley Meredithe (surrendered 1961) 1960
Maskrey, Esther Edith - - - - - - - - - 1963
Mason, Neil - - - - - - - - - - - - 1962
Masters, Bernard Lincolne (surrendered 1959) 1956
Masters, John Clive - - - - - - - - - 1949
Mathews, Rae Elizabeth - - - - - - - - 1961
Matthews, Graham Ramsay- - - - - - - - 1960
Matthews, Margaret Joy - - - - - - - - 1959
Maurice, Kay - - - - - - - - - - - - 1959
Mausolf, Jack - - - - - - - - - - - 1954
Mausolf, Wallace - - - - - - - - - - 1951
Mawet, Jacqueline - - - - - - - - - - 1961
Mau, Desmond Peter - - - - - - - - - 1963
May, John Miners - - - - - - - - - - 1962
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Meath, William John - - - - - - - - - 1960
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Michell, Cynthia Helen - - - - - - - - 1963
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Michelmore, Roland Symons - - - - - - - 1948
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Milway, Russell Henry Oliver - - - - - - 1949
Mincham, Veto Hans - - - - - - - - - 1961
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Mitchell, Nancy Jean - - - - - - - - 1959
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