CALENDAR

OF THE

UNIVERSITY OF ADELAIDE

FOR THE YEAR

1933.

ADELAIDE:
ADVERTISER NEWSPAPERS LIMITED, PRINTERS, MARLBOROUGH PLACE.

1933.

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NOTICE.

The undermentioned are published in separate volumes:—

1. Regulations, Details of Subjects, Examination Papers, and Examiners' Report of the Public Examinations in General Education.
2. Regulations, Details of Subjects, and Examination Papers of the Public Examinations in Music.
3. Regulations, Syllabus, of the Elder Conservatorium, Diploma of Associate and Degrees in Music, and Music Scholarships.

PREFACE.

THE UNIVERSITY OF ADELAIDE was established by Act of Parliament in the year 1874, and in the year 1881 Royal Letters Patent were issued by Her Majesty Queen Victoria declaring that the degrees granted by it should be recognized as academic distinctions, and be entitled to rank, precedence, and consideration throughout the British Empire, as if granted by any University in the United Kingdom. An additional Royal Charter was granted in 1913 in respect to the Degrees of Bachelor and Master of Engineering, and Bachelor and Master of Surgery.

The University owes its origin to the munificence and public spirit of the late Sir Walter Watson Hughes and Sir Thomas Elder, G.C.M.G., from each of whom a gift of £20,000 was received for this purpose. Further endowments were granted by Parliament, provision being made in the Act of Incorporation, 1874, for an annual grant from the public revenues of South Australia of five per cent. on the capital funds possessed by the University, but not to exceed in any one year the sum of £10,000. Under the authority of the same Act an endowment in land of 50,000 acres and a grant of five acres in the City of Adelaide as a site for the University buildings were given. The country lands were subsequently repurchased for £40,000 by the Government. By an Act of 1911, Parliament made an additional annual grant of £4,000. In order to meet the urgent needs of the University the Government, in 1920, provided an additional grant of £20,000 per annum, and undertook to erect a building for the departments of Physics and Engineering.

The University grants degrees in Arts, Economics, Science, Law, Medicine, Dentistry, Engineering, Music, and Agricultural Science, and Diplomas in Commerce, Music, Education, Public Administration, and various branches of Applied Science. It was authorized to grant degrees to women and degrees in Science by Act of Parliament in 1880.

At first the Professorships founded in the University were four in number, their subjects being the following:—(1) Classics and Comparative Philology and Literature, (2) English Language and Literature, Mental and Moral Philosophy, (3) Mathematics, and (4) Natural Science. The Chairs now are:—

(1) Classics and Comparative Philology and Literature, (2) Philosophy, (3) Modern History, (4) Engineering, (5) Physics, (6) Anatomy and Histology, (7) Biochemistry and General Physiology, (8) Chemistry, (9) Botany, (10) Law, (11) Music, (12) Pathology, (13) Mathematics, (14) Geology and Mineralogy, (15) Zoology, (16) English Language and Literature, (17) Agriculture, (18) Agricultural Chemistry, (19) Human Physiology and Pharmacology, (20) Economics.

Besides the twenty Professors, there are now over sixty Lecturers, and there are eighteen Teachers in the Elder Conservatorium of Music.

The academical work of the University was commenced in March, 1876, the number of matriculated students being eight, and of non-graduating students attending lectures fifty-two. The foundation-stone of the University buildings was laid in 1879, and the buildings were opened in April, 1882.

In 1883 Sir Thomas Elder gave £10,000 for the foundation of a School of Medicine. In 1884 the Hon. J. H. Angas gave £6,000 for the endowment of a Chair of Chemistry.

In 1878 the Hon. J. H. Angas gave £4,000 to provide Scholarships to encourage the training of scientific men, and especially civil engineers, with a view to their settlement in South Australia.

In and after 1892 Robert Barr Smith, Esquire, presented to the University £9,000 for the purposes of the Library. In 1920 the sum of £11,000 was added by members of his family as a permanent endowment.

Sir Thomas Elder died in 1897, bequeathing to the University the sum of £65,000, his total gifts to it amounting from first to last to nearly £100,000. By his will £20,000 was apportioned to the School of Medicine and £20,000 to the School of Music, while the residue was left available for the general purposes of the University. The Elder Conservatorium of Music was accordingly established in 1898. The Conservatorium Building was completed in 1900. It contains, in addition to every requirement for teaching both Theory and Practice of Music, an Elder Hall, in which the principal meetings of the University are held. The steadily increasing number of students in all courses necessitated large and costly additions to the University Buildings in 1901, 1902, and 1912. By an agreement with the South Australian School of Mines the two institutions combine their teaching powers and their laboratories for instruction in Mining Engineering, Metallurgy, Mechanical Engineering, Electrical Engineering, Civil Engineering, and Architectural Engineering. The University and the School of Mines, acting in concert, hold examinations and grant Diplomas in various branches of Applied Science.

In 1914 Mr. Peter Waite, with a view to advancing the cause of education in Agriculture, Forestry, and such allied subjects as may from time to time, in the opinion of the Council of the University, tend to the better development of the natural resources of the land, transferred the whole of his valuable Urrbrae Estate at Glen Osmond to the University. The estate comprises an area of 134 acres and a mansion house; the western half is to be held by the University in perpetuity as a park for the enjoyment of the public; the remainder of the estate, upon which the house stands, is now being utilized by the University in giving effect to the wishes of the generous donor in regard to Agricultural education. In 1915 he supplemented his gift by the addition of the adjoining estate

of Claremont and part of Netherby. To provide funds to enable these gifts to be effectively used, Mr. Waite, in 1918, transferred to trustees, for the University, 4,900 shares in Elder, Smith, & Co., Ltd. The shares, which carried with them the benefit of a new issue of bonus shares to the number of 980, making the total shares 5,880, have since been realized, producing the sum of £58,450.

In 1915 Sir Edwin Smith gave, through the S.A. Commercial Travellers' Association, the sum of £500 to found a scholarship tenable for any degree course, in memory of his grandson, Eric Wilkes Smith, mortally wounded in the attack upon the Dardanelles in April, 1915. The late John Harvey Finlayson bequeathed the sum of £200 to provide a Scholarship in Political Economy or some cognate subject, and the Old Scholars of the late John L. Young subscribed £700 for the purpose of founding a Research Scholarship. Both these Scholarships have been founded to perpetuate the memory of John L. Young.

In 1918 Mrs. A. M. Simpson gave £500 for the purpose of founding a library in aeronautics, in memory of her late husband, Alfred Muller Simpson.

In 1919 the sons and daughters of the late Mr. John Darling offered the sum of £15,000 for a new medical building. The Darling Building was formally opened in 1922.

In 1920 the sum of £7,000, subscribed by a number of citizens, was paid to the University as a permanent endowment for the promotion of research on the growth and nutrition of man and animals. The Old Scholars of the late John L. Young further increased the endowment for the Research Scholarship by £200 in 1921. The sum of £50 was received from the North Adelaide Congregational Church for the purpose of providing a memorial to the Rev. Jas. Jefferis, LL.D., who was closely associated with the University from its foundation until his death in 1918.

In 1921 the Honourable Sir Langdon Bonython, K.C.M.G., provided for the payment of the sum of £40,000 to the University in 1930 for the erection of a Great Hall. Mrs. G. A. Jury gave £12,000 to found a separate Chair of English Literature to bear her husband's name. The Old Scholars of Tormore House School paid the sum of £130 for the purpose of providing a prize to perpetuate the memory of the School.

In 1922 Mrs. Jane Marks bequeathed £30,000 to the Medical School; and Mrs. A. M. Simpson and Miss A. F. Keith Sheridan jointly bequeathed property of the estimated value of £20,000 to the same School for the purpose of medical research. The Old Scholars of Miss Annie Montgomerie Martin presented the sum of £150 for the purpose of providing an annual prize and medal to perpetuate her memory.

In 1923 the Adelaide Co-operative Society provided £150 for a Bursary in memory of the late George Thompson; and Mr. T. E. Barr Smith gave £100 to provide an annual prize for an essay on the work of the League of Nations.

In 1924 Mrs. Agnes Ayers bequeathed £500 for general purposes; the Old Scholars of the Methodist Ladies' College donated £100, and a further sum of £650 was raised by public subscription to provide a library in Psychology to commemorate Miss Sarah Elizabeth Jackson, M.A. Mr. James Gartrell gave £200 to provide an annual prize for Elementary Comparative Philology and Ethnology.

In 1925 the Old Scholars of the Unley Park School subscribed the sum of £450 to found a bursary in memory of the late Catherine Maria Thornber, formerly Principal of that School.

In 1926 the Honourable Sir Langdon Bonython, K.C.M.G., gave the sum of £20,000 to endow the Chair of Law. The Honourable Sir Josiah Symon, K.C.M.G., K.C., gave the sum of £10,000 for the building of the women's portion of the proposed University Union and for the library therein. The building will be known as "The Lady Symon Building, the gift of Sir Josiah Symon." Sir Joseph Verco provided the sum of £5,000 to secure the publication of the results of research in the medical sciences, and Mr. J. T. Mortlock gave the sum of £2,000 to assist the Council in equipping the Waite Agricultural Research Institute. The Council accepted the trusteeship of the fund for the encouragement of orchestral music inaugurated by Mr. Percy Grainger in honour of his mother.

In 1927 Mr. T. E. Barr Smith gave the sum of £20,000 to provide a building for the Barr Smith Library. Mr. John Melrose gave the sum of £10,000 for a chemical laboratory at the Waite Agricultural Research Institute.

In 1928 Mr. W. J. Young gave £1,000 for the provision of new fences on the Victoria Drive boundary of the University property. The Imperial Chemical Industries, Limited, gave the sum of £2,000 for research at the Waite Institute into the use of nitrogenous fertilizers. The gift was increased in 1930.

In 1929 Mr. T. E. Barr Smith increased his gift for the Barr Smith Library from £20,000 to £30,000. The building was completed in 1932.

The members of the family of the late John Darling gave £10,000 for a laboratory for soils research, and the directors of the Commonwealth Bank granted £2,500 from the Rural Credits Development Fund towards the cost of plant culture houses and an insectary at the Waite Agricultural Research Institute.

In 1929 the Honourable Sir Langdon Bonython, K.C.M.G., gave £2,000 for general purposes, and the Misses L. and E. Waite £250 for improvements to the grounds.

From the estate of the late Ronald Lindsay Johnson, the Council received a piece of land in Waymouth Street; on its realization the proceeds will be applied in accordance with the terms of the gift towards the cost of the erection of the Johnson Chemical Laboratories.

The University is governed by a Council, which, from its commencement until 1911, consisted of 20 members, elected by the Senate, one-fourth retiring every year. By an amending Act of 1911, the State Parliament gave itself the right to appoint from among its own members five additional members of Council, holding office during the life of the Parliament which appointed them. The Council thus now consists of 25 in all.

The Senate consists of all graduates of the 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 approved by the Governor of South Australia, who is *ex-officio* Visitor to the University.

The number of graduates admitted by examination since the establishment of the University is 2,301, and the number admitted *ad eundum gradum,* 431. The number of undergraduates in 1932 was 1,052, of non-graduating students 871, and of post-graduate students, 161. The number of those studying at the Elder Conservatorium was 329.

The University conducts Public Examinations in general education, in commerce, and in music.

1933.	JANUARY XXXI.
Su. 1 M. 2 Tu. 3 W. 4 Th. 5 F. 6 S. 7	New Year's Day. Commonwealth inaugurated, 1901. Public Holiday. Celebration of New Year's Day.
Su. 8 M. 9 Tu. 10 W. 11 Th. 12 F. 13 S. 14	
Su. 15 M. 16 Tu. 17 W. 18 Th. 19 F. 20 S. 21	Education Committee meets.
Su. 22 M. 23 Tu. 24 W. 25 Th. 26 F. 27 S. 28	Last day of entry for the Supplementary Leaving Examination to be held in February. Finance Committee meets. Anniversary of Foundation of Australia, 1788. Council Meeting.
Su. 29 M. 30 Tu. 31	Public Holiday. Celebration of Foundation Day.

FEBRUARY XXVIII.		1933.
W.	1	Hospital Year begins. Last day of entry for the M.D. and M.S. examinations to be held in May.
Th.	2	
F.	3	
S.	4	
Su.	5	
M.	6	Last day of entry for LL.B. and special degree examinations to be held in March.
Tu.	7	
W.	8	
Th.	9	
F.	10	
S.	11	
Su.	12	
M.	13	
Tu.	14	Supplementary Leaving Examination begins.
W.	15	School of Mines First Term begins.
Th.	16	
F.	17	Education Committee meets
S.	18	
Su.	19	
M.	20	Conservatorium First Term begins.
Tu.	21	Finance Committee meets.
W.	22	
Th.	23	
F.	24	Council Meeting.
S.	25	
Su.	26	
M.	27	School of Mines lectures begin.
Tu.	28	Last day of entry for Evening Studentships.

1933.	MARCH XXXI.
W. 1	All University students must enter, enrol, and pay their fees by this date.
Th. 2 F. 3 S. 4	Long vacation ends.
Su. 5 M. 6 Tu. 7 W. 8 Th. 9 F. 10 S. 11	First Term begins. LL.B. and special degree examinations begin. [NOTE:—Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.] 1
Su. 12 M. 13 Tu. 14 W. 15 Th. 16 F. 17 S. 18	Lectures begin. Last day of entry for the Public Examinations in Music to be held in May. Last day of entry for Mining and Metallurgical Bursaries. 2
Su. 19 M. 20 Tu. 21 W. 22 Th. 23 F. 24 S. 25	Education Committee meets. 3
Su. 26 M. 27 Tu. 28 W. 29 Th. 30 F. 31	Finance Committee meets. Council Meeting. Last day for submitting poems for the Bundey Prize. 4

1933.	APRIL XXX.
S. 1	Last day for submitting compositions for the degree of Mus. Doc.
Su. 2 M. 3 Tu. 4 W. 5 Th. 6 F. 7 S. 8	5
Su. 9 M. 10 Tu. 11 W. 12 Th. 13 F. 14 S. 15	Good Friday. 6
Su. 16 M. 17 Tu. 18 W. 19 Th. 20 F. 21 S. 22	Easter Day. Easter Monday. Easter recess ends. Lectures resumed. Education Committee meets. Conservatorium First Term ends. 7
Su. 23 M. 24 Tu. 25 W. 26 Th. 27 F. 28 S. 29	Finance Committee meets. Anzac Day. Council Meeting.
Su. 30	8

MAY XXXI.		1933.
M.	1	Conservatorium Second Term begins. Last day for submitting theses for the degree of D. Litt.
Tu.	2	
W.	3	Public Examinations in Theory of Music begin.
Th.	4	
F.	5	
S.	6	
		9
Su.	7	
M.	8	
Tu.	9	
W.	10	
Th.	11	
F.	12	
S.	13	
		10
Su.	14	
M.	15	
Tu.	16	
W.	17	
Th.	18	Last day for submitting essays for the League of Nations Prize.
F.	19	Education Committee meets.
S.	20	First Term ends.
		11
Su.	21	
M.	22	
Tu.	23	Finance Committee meets.
W.	24	
Th.	25	
F.	26	Council Meeting.
S.	27	
Su.	28	
M.	29	
Tu.	30	
W.	31	

1933.	JUNE XXX.
Th. 1 F. 2 S. 3	King George V **born**, 1865.
Su. 4 M. 5 Tu. 6 W. 7 Th. 8 F. 9 S. 10	Public Holiday. Celebration of King's birthday. Second Term begins. Lectures resumed. 1
Su. 11 M. 12 Tu. 13 W. 14 Th. 15 F. 16 S. 17	2
Su. 18 M. 19 Tu. 20 W. 21 Th. 22 F. 23 S. 24	Education Committee meets. 3
Su. 25 M. 26 Tu. 27 W. 28 Th. 29 F. 30	Finance Committee meets. Council Meeting. 4

1933.	JULY XXXI.
S. 1	Last day of entry for the degree of D.D.Sc., and for submitting theses for the degrees of M.Sc., M. Ag. Sc., and M.E., and for the Bonython Prize. Conservatorium Second Term ends.
Su. 2 M. 3 Tu. 4 W. 5 Th. 6 F. 7 S. 8	5
Su. 9 M. 10 Tu. 11 W. 12 Th. 13 F. 14 S. 15	6
Su. 16 M. 17 Tu. 18 W. 19 Th. 20 F. 21 S. 22	Conservatorium Third Term begins. Education Committee meets. 7
Su. 23 M. 24 Tu. 25 W. 26 Th. 27 F. 28 S. 29	Finance Committee meets. Council Meeting. 8
Su. 30 M. 31	

AUGUST XXXI.		1933.
Tu.	1	Last day of entry for the M.D. and M.S. examinations to be held in November.
W.	2	Last day of entry for the Public Examinations in Music to be held in September.
Th.	3	
F.	4	
S.	5	
		9
Su.	6	
M.	7	
Tu.	8	
W.	9	
Th.	10	
F.	11	
S.	12	Second Term ends.
		10
Su.	13	
M.	14	
Tu.	15	
W.	16	
Th.	17	
F.	18	Education Committee meets.
S.	19	
Su.	20	
M.	21	
Tu.	22	Finance Committee meets.
W.	23	
Th.	24	
F.	25	Council Meeting.
S.	26	
Su.	27	
M.	28	Third Term begins.
Tu.	29	
W.	30	
Th.	31	
		1

1933.	SEPTEMBER XXX.
F. 1 S. 2	
Su. 3 M. 4 Tu. 5 W. 6 Th. 7 F. 8 S. 9	2
Su. 10 M. 11 Tu. 12 W. 13 Th. 14 F. 15 S. 16	Conservatorium Third Term ends. 3
Su. 17 M. 18 Tu. 19 W. 20 Th. 21 F. 22 S. 23	Public Examinations in Theory of Music begin. Education Committee meets. 4
Su. 24 M. 25 Tu. 26 W. 27 Th. 28 F. 29 S. 30	Finance Committee meets. Council Meeting. Last day for submitting theses for the Lister Prize, and exercises for the degree of Mus. Bac. 5

OCTOBER XXXI.		1933.
Su.	1	
M.	2	Last day of entry for the Public and Angas Engineering Exhibition Examinations to be held in November. Conservatorium Fourth Term begins.
Tu.	3	Last day of entry for degree and diploma examinations to be held in November, and for submitting theses for the degree of M.A., or in connection with the Tinline Scholarship or John Howard Clark Prize.
W.	4	
Th.	5	
F.	6	
S.	7	
		6
Su.	8	
M.	9	
Tu.	10	
W.	11	Labour Day. Public Holiday.
Th.	12	Meeting of the University to elect representatives on the Board of Governors of the Public Library.
F.	13	
S.	14	
		7
Su.	15	
M.	16	
Tu.	17	
W.	18	
Th.	19	
F.	20	Last day for submitting applications for the Rhodes Scholarship. Education Committee meets.
S.	21	Lectures end.
		8
Su.	22	
M.	23	
Tu.	24	Finance Committee meets.
W.	25	
Th.	26	
F.	27	Council Meeting.
S.	28	
		9
Su.	29	
M.	30	
Tu.	31	

1933.	NOVEMBER XXX.
W. 1	Last day of entry for the John L. Young, the John Lorenzo Young, and the Rennie Scholarships, and for submitting theses for the Tate Memorial Medal.
Th. 2	Degree and diploma examinations begin.
F. 3	
S. 4	
	10
Su. 5	
M. 6	
Tu. 7	
W. 8	
Th. 9	
F. 10	
S. 11	Last day for sending to Clerk of Senate nominations of candidates for annual vacancies in the Council, for the offices of Warden and Clerk, and notices of motion for the Senate Meeting to be held on the 22nd November.
	11
Su. 12	
M. 13	
Tu. 14	
W. 15	
Th. 16	
F. 17	Education Committee meets.
S. 18	
	12
Su. 19	
M. 20	
Tu. 21	Finance Committee meets. Public Examinations begin.
W. 22	Senate Meeting. Election of members of Council, and Warden and Clerk of Senate.
Th. 23	
F. 24	Council Meeting.
S. 25	
	13
Su. 26	
M. 27	
Tu. 28	
W. 29	
Th. 30	

DECEMBER XXXI.	1933.
F. 1 S. 2	Last day of application for the Ernest Ayers Scholarship. 14
Su. 3 M. 4 Tu. 5 W. 6 Th. 7 F. 8 S. 9	Education Committee meets. Third Term ends. Conservatorium Fourth Term ends. 15
Su. 10 M. 11 Tu. 12 W. 13 Th. 14 F. 15 S. 16	Finance Committee meets. Council Meeting.
Su. 17 M. 18 Tu. 19 W. 20 Th. 21 F. 22 S. 23	
Su. 24 M. 25 Tu. 26 W. 27 Th. 28 F. 29 S. 30	Christmas Day. Anniversary of Proclamation of South Australia, 1836. Public Holiday.
Su. 31	

The University of Adelaide,

1933.

Visitor.

HIS EXCELLENCY THE GOVERNOR.

Chancellor.

THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G. B.A., LL.M., Lieutenant-Governor and Chief Justice of South Australia. Elected for the first time 25th February, 1916. Date of last election, 27th February, 1931.

Vice-Chancellor.

PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Elected for the first time 15th March, 1916. Date of last election, 27th January, 1933.

The Council.

THE CHANCELLOR. A member since 1891.

THE VICE-CHANCELLOR. A member since 1896. Date of last election, 23rd November, 1932.

WILLIAM JAMES ADEY. A member since 1929. Date of last election, 23rd November, 1932

WILLIAM REYNOLDS BAYLY, B.A., B.Sc. A member since 1915. Date of last election, 23rd November, 1932.

KENNETH JULIAN FAITHFULL BICKERSTETH, M.C., M.A. A member since 1921. Date of last election, 25th November, 1931.

THE HON. SIR JOHN LANGDON BONYTHON, K.C.M.G. A member since 1916. Date of last election, 23rd November, 1932.

PROFESSOR ROBERT WILLIAM CHAPMAN, C.M.G., M.A., B.C.E., M.I.E. (Aust.). A member since 1919. Date of last election, 26th November, 1930.

ARTHUR MURRAY CUDMORE, M.B., B.S., F.R.C.S. A member since 1927. Date of last election, 26th November, 1930.

SIR WILLIAM GEORGE TOOP GOODMAN, Kt., M.I.C.E., M.I.E.E. A member since 1913. Date of last election, 23rd November, 1932.

PROFESSOR KERR GRANT, M.Sc. Elected for the first time, 16th April, 1930.

FRANK SANDLAND HONE, B.A., M.B., B.S. A member since 1920. Date of last election, 26th November, 1930.

WILLIAM JAMES ISBISTER, M.B.E., K.C., LL.B. A member since 1905. Date of last election, 27th November, 1929.

PROFESSOR SIR DOUGLAS MAWSON, Kt., O.B.E., B.E., D.Sc., F.R.S. Elected for the first time, 25th November, 1931.

HELEN MARY MAYO, M.D., B.S. A member since 1914. Date of last election, 25th November, 1931.

THE HON. MR. JUSTICE HERBERT ANGAS PARSONS, LL.B. A member since 1915. Date of last election, 25th November, 1931.

ARCHIBALD GRENFELL PRICE, D.Litt., F.R.G.S. A member since 1925. Date of last election, 25th November, 1931.

WILLIAM RAY, M.B., B.S., B.Sc. A member since 1926. Date of last election, 27th November, 1929.

TOM ELDER BARR SMITH, B.A. A member since 1924. Date of last election, 26th November, 1930.

PROFESSOR JOHN McKELLAR STEWART, M.A., D.Phil. A member since 1926. Date of last election, 27th November, 1929.

HARRY THOMSON, K.C., M.A., LL.B. A member since 1928. Date of last election, 25th November, 1931.

SIR WALTER JAMES YOUNG, K.B.E. A member since 1924. Date of last election, 26th November, 1930.

Appointed by Parliament, 1930—

E. ANTHONEY, M.P.
E. R. DAWES, M.P.
HON. W. H. HARVEY, M.L.C.
HON. G. RITCHIE, M.L.C.
W. J. W. WARNE, M.P.

The Senate.

CONSISTING OF ALL MASTERS OF ARTS, MASTERS OF SCIENCE, MASTERS OF LAWS, MASTERS OF SURGERY, MASTERS OF ENGINEERING, MASTERS OF AGRICULTURAL SCIENCE, DOCTORS OF MEDICINE, DOCTORS OF DENTAL SCIENCE, DOCTORS OF LAWS, DOCTORS OF SCIENCE, DOCTORS OF LETTERS, AND DOCTORS OF MUSIC, AND OF ALL OTHER GRADUATES OF THREE YEARS' STANDING.

WARDEN—THE HONOURABLE MR. JUSTICE HERBERT ANGAS PARSONS, LL.B. Elected for the first time June, 1927; re-elected 23rd November, 1932.

CLERK—FREDERICK WILLIAM EARDLEY, B.A. Elected for the first time in 1923; re-elected 23rd November, 1932.

FORMER OFFICERS OF THE UNIVERSITY.

Chancellors.

SIR RICHARD DAVIES HANSON, CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed 1874. Died 1876.

THE RIGHT REV. AUGUSTUS SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1876. Resigned 1883.

THE RIGHT HON. SIR SAMUEL JAMES WAY, BART., P.C., D.C.L., LL.D., LIEUTENANT-GOVERNOR AND CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed 1883. Died January, 1916.

Vice-Chancellors.

THE RIGHT REV. AUGUSTUS SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1874. Elected Chancellor 1876.

THE RIGHT HON. SIR SAMUEL JAMES WAY, BART., P.C., D.C.L., LL.D., CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed 1876. Elected Chancellor 1883.

THE REV. WILLIAM ROBY FLETCHER, M.A. Appointed 1883. Died 1894.

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

JOHN ANDERSON HARTLEY, B.A., B.Sc., INSPECTOR-GENERAL OF SCHOOLS. Appointed 1893. Died 1896.

WILLIAM BARLOW, C.M.G., LL.D. Appointed 1896. Died 1915.

THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M., JUDGE OF THE SUPREME COURT. Appointed 1915. Elected Chancellor, 1916.

Wardens of the Senate.

WILLIAM GOSSE, M.D. Elected 1877. Died 1883.

THE VENERABLE ARCHDEACON FARR, M.A., LL.D. 1880 to 1882.

FREDERIC CHAPPLE. Elected 1883. Resigned 1922.

THE HONOURABLE MR. JUSTICE THOMAS SLANEY POOLE, M.A. Elected 1922. Died 1927.

Former Treasurer.

THE HON. SIR HENRY AYERS, G.C.M.G. 1874-1886

The finances have since been managed by a Committee, on a system prepared by the Treasurer.

Committees, Faculties and Boards for 1933.

EDUCATION COMMITTEE.

The Chancellor (Chairman), the Vice-Chancellor (Deputy-Chairman), the Hon. Sir Langdon Bonython, the Rev. K. J. F. Bickersteth, Drs. C. T. C. de Crespigny, Helen Mayo, and A. Grenfell Price, Messrs. W. J. Adey, E. Anthoney, W. R. Bayly, A. M. Cudmore, H. Thomson, and W. J. W. Warne, and the Professors of the University.

FINANCE COMMITTEE.

Sir Walter Young (Chairman), the Chancellor, the Vice-Chancellor, the Hon. Sir Langdon Bonython, Sir William Goodman, Professor R. W. Chapman, the Hon. Mr. Justice Angas Parsons, the Hons. W. H. Harvey and G. Ritchie, and Messrs. E. Anthoney, W. R. Bayly, E. R. Dawes, F. S. Hone, W. J. Isbister, and T. E. Barr Smith.

FACULTY OF LAW.

Professor A. L. Campbell (Dean), the Chancellor, the Vice-Chancellor, the Professor of Classics, the Dean of the Faculty of Arts, and the Lecturers in Law (members *ex-officio*); the Hon. Justices Napier, Angas Parsons, Piper and Richards, and Messrs. W. J. Isbister, P. E. Johnstone, S. Talbot Smith and H. Thomson (members appointed by the Council).

FACULTY OF MEDICINE.

Dr. C. T. C. de Crespigny (Dean), the Chancellor, the Vice-Chancellor, Sir Henry Newland, Professors J. B. Cleland, Kerr Grant, C. S. Hicks, T. Harvey Johnston, A. Killen Macbeth, Sir Charles Martin, and H. J. Wilkinson, Drs. L. B. Bull, W. T. Cooke, S. W. Pennycuick, R. S. Rogers, H. F. Shorney, and T. G. Wilson, and Messrs. S. R. Burston, D. R. W. Cowan, M. H. Downey, H. K. Fry, H. Gilbert, F. S. Hone, I. B. Jose, L. C. E. Lindon, C. S. Mead, M. L. Mitchell, R. H. Pulleine, W. Ray, and B. Smeaton (members *ex-officio*); the Inspector-General of Hospitals (Mr. B. H.

Morris), Drs. A. A. Lendon and Helen Mayo, and Messrs. W. J. Adey and A. M. Cudmore (members appointed by the Council).

FACULTY OF DENTISTRY.

Mr. A. M. Cudmore (Dean), the Chancellor, the Vice-Chancellor, Professors J. B. Cleland, Kerr Grant, C. S. Hicks, T. Harvey Johnston, A. Killen Macbeth and H. J. Wilkinson, Drs. T. D. Campbell, W. T. Cooke, H. T. J. Edwards, C. B. Maddern, R. F. Matters, A. P. R. Moore, and A. R. Southwood, and Messrs. P. R. Begg, J. L. Eustace, C. S. Mead, P. Santo Messent, M. L. Mitchell, and F. W. Reid (members *ex-officio*); the Inspector-General of Hospitals (Mr. B. H. Morris), the Chairman of the Dental Board, Dr. E. J. Counter, and Messrs. A. Swann and H. Gill Williams (members appointed by the Council).

FACULTY OF ARTS.

Professor J. McKellar Stewart (Dean), the Chancellor, the Vice-Chancellor, the Professors of Classics, History, Philosophy, English Language and Literature, Mathematics and Economics, the Dean of the Faculty of Science, Drs. R. C. Bald and C. A. E. Fenner, and Messrs. J. Crampton, J. M. Garland, D. H. Hollidge, A. E. M. Kirwood, W. Oldham and H. W. Sanders (members *ex-officio*); Professors A. L. Campbell and Kerr Grant, the Rev. K. J. F. Bickersteth, Drs. A. Grenfell Price and A. J. Schulz, and Messrs. W. J. Adey, R. R. P. Barbour, and W. R. Bayly (members appointed by the Council).

FACULTY OF SCIENCE.

Professor Sir Douglas Mawson (Dean), the Chancellor, the Vice-Chancellor, Professors J. B. Cleland, Kerr Grant, C. S. Hicks, T. Harvey Johnston, A. Killen Macbeth, Sir Charles Martin, J. A. Prescott, A. E. V. Richardson, H. J. Wilkinson, and J. R. Wilton, Drs. W. T. Cooke, S. W. Pennycuick, and J. G. Wood, Messrs. R. S. Burdon, C. T. Madigan, M. L. Mitchell, R. C. Robin, G. Samuel, and H. W. Sanders (members *ex-officio*); the Hon. Sir Langdon Bonython, Professors A. L. Campbell and R. W. Chapman, Drs. W. A. Hargreaves and L. Keith Ward, and Messrs. E. V. Clark and H. W. Gartrell (members appointed by the Council).

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Professor A. E. V. Richardson (Dean), the Chancellor, the Vice-Chancellor, Professors Kerr Grant, T. Harvey Johnston, A. Killen Macbeth, Sir Charles Martin, Sir Douglas Mawson, J. A. Prescott, and J. R. Wilton, Drs. J. Davidson, I. F. Phipps, and J. G. Wood, and Messrs. R. J. Best, J. M. Garland, C. T. Madigan, G. Samuel, and H. C. Trumble (members *ex-officio*); the Director of Agriculture, the Principal of Roseworthy Agricultural College, the Director of Education, the Superintendent of Secondary Education, and the Hon. Mr. Justice Angas Parsons (members appointed by the Council).

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The Chancellor (Chairman), the President of the School of Mines and Industries (Vice-Chairman), the Hon. D. M. Charleston, Professors R. W. Chapman and Kerr Grant, and Mr. G. Jeffrey.

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PUBLIC LECTURES COMMITTEE.

The Vice-Chancellor (Chairman), the Chancellor, and the Professors of the University.

MEDICAL CURRICULUM COMMITTEE.

The Dean of the Faculty of Medicine (Chairman); Professor Sir Charles Martin, Sir Henry Newland, the Professors of Anatomy and Human Physiology, and Messrs. A. M. Cudmore and F. S. Hone (appointed by the Council); the Professor of Pathology and Dr. T. G. Wilson (appointed by the Faculty of Medicine).

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Professor Kerr Grant (Chairman), Professor R. W. Chapman, Drs. C. T. C. de Crespigny and H. F. Shorney; and Messrs. A. G. Brown, C. W. Laubman, T. H. Qurban and J. G. Wilson (appointed by the Optometrists' Institute).

ANTI-CANCER CAMPAIGN.

President, The Chancellor; Chairman, Dr. A. A. Lendon; Deputy Chairman, Mr. R. T. Melrose.

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SHERIDAN COMMITTEE.

The Vice-Chancellor (Chairman), Professors J. B. Cleland and C. S. Hicks (appointed by the Council), Dr. C. T. C. de Crespigny and Mr. W. Ray (appointed by the Faculty of Medicine).

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AUSTRALIAN JOURNAL OF EXPERIMENTAL BIOLOGY AND MEDICAL SCIENCE.

Managing Editors: Professors J. B. Cleland, C. S. Hicks and Sir Charles Martin.

Local Editorial Board for S.A.: Professors T. Harvey Johnston, J. A. Prescott, A. E. V. Richardson, and H. J. Wilkinson, Drs. L. B. Bull and J. G. Wood, Mr. W. Ray, and the Managing Editors.

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APPOINTMENTS BOARD.

The Vice-Chancellor (Chairman), Professor R. W. Chapman and Mr. W. R. Bayly.

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Chairman of the Finance Committee: Mr. F. W. Eardley.

ADELAIDE UNIVERSITY SPORTS ASSOCIATION.

President, and Chairman of all Committees: Professor A. L. Campbell.

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The Hughes Professor :

JOHN ALOYSIUS FITZHERBERT, M.A. (Camb.). Appointed 1928.

Lecturer :

DAVID HENRY HOLLIDGE, M.A. Appointed Assistant Lecturer, 1909; Lecturer, 1927.

Philosophy.

The Hughes Professor :

JOHN McKELLAR STEWART, D.Phil. (Edin)., M.A. Appointed 1928.

Assistant Lecturer in Ethics :

ROBERT ROY PITTY BARBOUR, M.A. (Oxon.).

Evening Lecturer in Psychology and Logic :

CONSTANCE MURIEL DAVEY, Ph.D. (Lond.), M.A.

Modern History.

Professor :

WILLIAM KEITH HANCOCK, M.A. (Oxon.). Appointed 1926.

Lecturer :

WILFRID OLDHAM, M.A. Appointed Assistant Lecturer, 1920; Lecturer, 1927.

English Language and Literature.

The Jury Professor :

Vacant.

Lecturers :

ALBERT ERNEST MALDON KIRWOOD, M.A. (Melb.). Appointed 1924.

ROBERT CECIL BALD, Ph.D. (Camb.), M.A., LL.B. Appointed Assistant Lecturer, 1927; Lecturer, 1931.

Tutor :

ELSIE MORRISS, M.A.

French Language.

Lecturer :

JOHN CRAMPTON, B.A. (Lond.). Appointed 1917.

Assistant Lecturer and Tutor :

MARY HOPE ST. CLAIR CRAMPTON, M.A.

German Language.

Tutor :

ADOLF JOHN SCHULZ, Ph.D. (Zürich), M.A.

Education.

Lecturer:

ADOLF JOHN SCHULZ, Ph.D. (Zürich), M.A. Appointed 1910.

Economics.

Professor:

Lecturer:

JOHN MANSON GARLAND, M.A., B.Com. (Melb.). Appointed 1932.

Tutors:

ERNEST GORDON BIAGGINI, M.A.

HAROLD GEORGE OLIPHANT, Dip. Econ.

Lecturer in Geography:

CHARLES ALBERT EDWARD FENNER, D.Sc. (Melb.). Appointed 1930.

Mathematics.

The Elder Professor:

JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc. Appointed 1920.

Lecturer:

HAROLD WILLIAM SANDERS, M.A. (Camb.). Appointed 1928.

Assistant Lecturer:

JOSIAH WILLIAM STATTON, B.Sc.

Engineering.

Professor:

ROBERT WILLIAM CHAPMAN, C.M.G., M.A., B.C.E. (Melb.) M.I.E. (Aust.). Appointed Lecturer in 1889; Professor of Engineering, 1907; Professor of Mathematics and Mechanics in 1910-1919.

Lecturers: Electrical Engineering:

EDWARD VINCENT CLARK, B.Sc., M.Inst.C.E., M.I.E. (Aust.), A.M.I.E.E. Appointed 1910.

Mining Engineering:

HERBERT WILLIAM GARTRELL, M.A. (Columbia)., B.A., B.Sc. Appointed 1910.

Lecturer and Demonstrator:

ROWLAND CUTHBERT ROBIN, M.E., Assoc. M. Am. Soc. C.E. Appointed 1930.

Demonstrator in Metallography:

CLEMENT MIELS BURFORD.

Physics.

The Elder Professor:

KERR GRANT, M.Sc. (Melb.).
Acting Professor 1909-10; appointed Professor 1911.

Lecturer:

ROY STANLEY BURDON, B.Sc. Appointed 1922.

Assistant Lecturer:

GEORGE RAYNER FULLER, B.Sc.

Demonstrator:

MICHAEL ISAAC GLOVER ILIFFE.

Junior Demonstrators:

ANDREW PAUL GUINAND, B.Sc.

GEORGE HOWE RANCE.

Geology and Mineralogy

Professor:
SIR DOUGLAS MAWSON, Kt., O.B.E., B.E. (Syd.), D.Sc., F.R.S. Appointed Lecturer on Mineralogy and Petrology, 1905; Professor of Geology and Mineralogy, 1921.

Lecturer:
CECIL THOMAS MADIGAN, M.A (Oxon.), B.E. Appointed 1922.

Evening Lecturer:

Anatomy and Histology.

The Elder Professor:
HERBERT JOHN WILKINSON, M.D, CH.M. (Syd.), B.A. Appointed 1930.

Lecturer:
CECIL SILAS MEAD B.A., M.B., B.S. Appointed Demonstrator, 1923; Lecturer, 1927.

Biochemistry and General Physiology

Professor:
SIR CHARLES JAMES MARTIN, Kt., C.M.G., D.Sc. (Lond.), F.R.C.P., F.R.S.

Lecturer:
MARK LEDINGHAM MITCHELL, M.Sc. (Camb.). Appointed 1927.

Demonstrator:
EDITH ULRICA HÜBBE, B.A., M.B., B.S.

Chemist (Animal Products Research Foundation):
MARY CAMPBELL DAWBARN, M.Sc. Appointed 1927.

Human Physiology and Pharmacology.

Professor:
CEDRIC STANTON HICKS, M.Sc., M.B., Ch.B. (N.Z.), Ph.D. (Camb.), F.I.C. (Lond.), F.C.S. (Lond.). Appointed 1926.

Assistant Lecturer and Demonstrator:
REGINALD FRANCIS MATTERS, M.D., B.S., F.R.C.S. (Edin.).

Pathology.

The George Richard Marks Professor:
JOHN BURTON CLELAND, M.D. CH.M. (Syd.). Appointed 1920.

Lecturer in Bacteriology:
LIONEL BATLEY BULL, D.V.Sc. (Melb.). Appointed 1930.

Demonstrator:
IAN AYLIFFE HAMILTON, M.B., B.S., F.R.C.S. (Eng.).

Zoology.

Professor:
THOMAS HARVEY JOHNSTON, M.A., D.Sc. (Syd.). Appointed 1922.

Junior Demonstrators:
ELIZABETH ROBSON CLELAND, B.Sc.
KATHLEEN EMILY DAY, B.Sc.

Chemistry.

The Angas Professor:
ALEXANDER KILLEN MACBETH, M.A. (St. And.), D.Sc. (Belf.), F.I.C., M.R.I.A. Appointed 1928.

Lecturer:
WILLIAM TERNENT COOKE, D.Sc. Appointed 1906.

Lecturer in Physical Chemistry :
STUART WORTLEY PENNYCUICK, D.Sc. Appointed 1922.

Assistant Lecturer :
FRANK LOVELOCK WINZOR, B.Sc.

Demonstrator :
HEDLEY HERBERT FINLAYSON.

Junior Demonstrator :
ALAN BEAVIS BECK, M.Sc.

Agriculture.

The Waite Professor of Agriculture and Director of the Waite Research Institute :
ARNOLD EDWIN VICTOR RICHARDSON, D.Sc. (Melb.), M.A. Appointed 1924.

The Waite Professor of Agricultural Chemistry :
JAMES ARTHUR PRESCOTT, D.Sc. Appointed 1924.

Botany.

Honorary Professor :
THOMAS HARVEY JOHNSTON, M.A., D.Sc. (Syd.).

Lecturer
JOSEPH GARNETT WOOD, Ph.D. (Camb.), M.Sc. Appointed Assistant Lecturer, 1927 : Lecturer, 1928.

Honorary Lecturer in Systematic Botany :
JOHN McCONNELL BLACK

Lecturer in Plant Pathology :
GEOFFREY SAMUEL, M.Sc. Appointed 1923.

Assistant Lecturer and Demonstrator :
THOMAS TALBOT COLQUHOUN, M.Sc. (Melb.).

Law.

The Bonython Professor :
ARTHUR LANG CAMPBELL, O.B.E., B.A., B.E. (Syd.). Appointed 1926.

Lecturer on the Law of Evidence and Procedure :
GEOFFREY SANDFORD REED, LL.B. Re-appointed 1932.

Lecturer on the Law of Property, Part I and Part II :
EDWARD WARNER BENHAM, LL.B. Re-appointed 1933.

Lecturer on Private International Law :
GEOFFREY SANDFORD REED, LL.B. Re-appointed 1932.

Lecturer on Roman Law :
CHARLES CAVE BREBNER, LL.B. Re-appointed 1933.

Lecturer on Jurisprudence :
HERBERT MAYO, K.C., LL.B. Re-appointed 1933.

Music.

The Elder Professor :
EDWARD HAROLD DAVIES, Mus.Doc., F.R.C.M. Appointed 1919.

Tutorial Classes of the Workers' Educational Association.

Tutor in charge :
ERNEST GORDON BIAGGINI, M.A.

Commerce and Public Administration.

Lecturer on Economics :
JOHN MANSON GARLAND, M.A., B.Com. (Melb.). Appointed 1932.

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CHARLES CAVE BREBNER, LL.B. Re-appointed 1932.

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HERBERT MAYO, K.C., LL.B. Re-appointed 1932.

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EDWARD WHITFIELD MILLS, A.U.A., F.C.A. (Aust.). Re-appointed 1930.

Lecturer on Accountancy III :
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KENNETH FISHER NEWMAN, A.U.A. Re-appointed 1933.

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CLIFFORD HARDING BROWNE, A.U.A., F.C.A. (Aust.). Re-appointed 1932.

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EDWARD WEBSDALE PAINTER, A.U.A., A.C.A. (Aust.).

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RICHARD BUNBURY DAWBARN, A.U.A.

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JOHN MANSON GARLAND, M.A., B.Com. (Melb.). Appointed 1932.

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EDWARD FRANCIS LIPSHAM, Ph.C.

Lecturer on Forensic and Commercial Pharmacy :
OSCAR HENRY WALTER, F.C.A. (Aust.), A.C.I.S. (Eng.).

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The Professors of Anatomy, Biochemistry, Chemistry, Pathology, Physics, Physiology, and Zoology.

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CONSTANTINE TRENT CHAMPION DE CRESPIGNY, M.D., B.S. (Melb.), F.R.C.P. (Lond.). Re-appointed 1932.

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WILLIAM RAY, B.Sc. (Oxon.), M.B., B.S. Re-appointed 1932.
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SAMUEL ROY BURSTON, M.B., B.S. (Melb.). Appointed 1931.

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SIR HENRY SIMPSON NEWLAND, Kt., M.B., M.S., F.R.C.S. (Eng.). Re-appointed 1932.

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LEONARD CHARLES EDWARD LINDON, M.B., M.S., F.R.C.S. (Eng.). Appointed 1932.

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HENRY KENNETH FRY, B.Sc., M.B., B.S. Re-appointed 1932.

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THOMAS GEORGE WILSON, M.D. (Syd.). F.R.C.S. (Edin.). Re-appointed 1932.

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FRANK SANDLAND HONE, B.A., M.B., B.S. Re-appointed 1932.

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ROBERT HENRY PULLEINE, M.B., CH.M. (Syd.). Re-appointed 1930.

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RICHARD SANDERS ROGERS, M.D., Ch.M. (Edin.), M.A. Re-appointed 1930.

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MICHAEL HENRY DOWNEY, M.B., B.S. (Melb.). Re-appointed 1930.

Clinical Lecturer on the Medical Diseases of Children :

HELEN MARY MAYO, M.D., B.S. Re-appointed 1932.

Clinical Lecturer on the Surgical Diseases of Children :

HENRY GILBERT, M.B., B.S. (Melb.), F.R.C.S. (Eng.). Re-appointed 1932.

Lecturer on Regional and Surgical Anatomy :

IVAN BEDE JOSE, M.B., M.S., F.R.C.S. (Eng.). Appointed 1932.

Lecturer in Anatomy :

CECIL SILAS MEAD, B.A., M.B., B.S.

Instructor in Anaesthetics :

GILBERT BROWN, M.B., Ch.B. (Liv.). Re-appointed 1933.

TUTORS FOR 1933.

Medicine :

FRANK RAYMOND HONE, B.Sc., M.D.
GUY LENDON, M.D., M.R.C.P. (Lond.).

Surgery :

PHILIP SANTO MESSENT, M.B., M.S., F.C.S.A.
ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.).

Obstetrics :

JACK ROLAND STANLEY GROSE BEARD, M.B., B.S., F.R.C.S. (Edin.).
HARRY MEDCALF FISHER, M.B , B.S., F.R.C.S. (Edin.).
REGINALD FRANCIS MATTERS, M.D., F.R.C.S. (Edin.)
BRIAN HERBERT SWIFT, M.B., B.S., (Camb.), F.R.C.S. (Edin.)

Radiology :
HARRY CAREW NOTT, M.B., B.S., D.M.R.E. (Camb.)

Infectious Diseases :
FRANK HOWARD BEARE, M.D.

Anatomy.

Honorary Demonstrators :
WALTER JOHN WESTCOTT CLOSE, M.B., M.S., F.R.C.S. (Edin.).
HARRY MEDCALF FISHER, M.B., B.S., F.R.C.S. (Edin.).
OSCAR WESTCOTT FREWIN, M.B., B.S.
ROBERT McMAHON GLYNN, M.B., B.S., F.R.C.S. (Edin.).
ALAN FRANK HOBBS, M.B., B.S., F.R.C.S. (Eng.).
ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.)
IVAN BEDE JOSE, M.B., M.S., F.R.C.S. (Eng.).
FREDERICK NEILL LEMESSURIER, M.D., B.S.
HARRY ROY POMROY, M.B., B.S., F.R.C.S. (Eng.).

Dental Course.

The Professors of Anatomy, Biochemistry, Chemistry, Pathology, Physics, Physiology, and Zoology.

Lecturer on Prosthetic Dentistry :
HURTLE THOMAS JACK EDWARDS, D.D.Sc. Re-appointed 1932.

Lecturer on Crown and Bridge Work :
HURTLE THOMAS JACK EDWARDS, D.D.Sc. Appointed 1932.

Lecturer on Dental Metallurgy :
FREDERICK WILLIAM REID, B.Sc. Re-appointed 1933.

Lecturer on Surgery :
PHILIP SANTO MESSENT, M.B., M.S., F.C.S.A. Re-appointed 1932.

Lecturer on Oral Surgery :
THOMAS DRAPER CAMPBELL, D.D.Sc. Appointed 1932.

Lecturer on Dental Materia Medica and Therapeutics :
JOHN LEONARD EUSTACE, B.D.S. Re-appointed 1932.

Lecturer on Dental Anatomy :
THOMAS DRAPER CAMPBELL, D.D.Sc. Re-appointed 1932.

Lecturer on Operative Dentistry :

Lecturer on Medicine :
ALBERT RAY SOUTHWOOD, M.D., M.S. Re-appointed 1932.

Lecturer on Dental Surgery and Dental Pathology :
ARTHUR PARISS READING MOORE, D.D.Sc. Re-appointed 1932.

Lecturer on Orthodontics :
PERCY RAYMOND BEGG, B.D.Sc. (Melb.). Re-appointed 1932.

Lecturer on Prophylaxis and Oral Hygiene :
CECIL BOASE MADDERN, D.D.Sc. Appointed 1932.

Lecturer on Anatomy :
CECIL SILAS MEAD, B.A., M.B., B.S.

Demonstrator in Operative Technique :

Demonstrator in Orthodontic Technique :
PERCY RAYMOND BEGG, B.D.Sc. (Melb.). Re-appointed 1933.

Demonstrator in Prosthetic Technique :
LEONARD ARTHUR MORRIS BROUGHAM. Re-appointed 1933.

Demonstrator in Crown and Bridge Work:
ROBERT JAMES BRAZIL SMITH, B.D.S. Appointed 1932.

Instructor in Prosthetic Dentistry:
ROBERT JAMES BRAZIL SMITH, B.D.S. Re-appointed 1933.

Instructor in Anaesthetics:
GILBERT BROWN, M.B., Ch.B. (Liv.). Re-appointed 1933.

FORMER PROFESSORS.

Classics.

REV. HENRY READ, M.A. (Camb.). 1874—1878.
DAVID FREDERICK KELLY, M.A. (Camb.). 1878—1894.
EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin). 1894.
EDWARD VON BLOMBERG BENSLY, M.A. (Camb.). 1895—1905.
HENRY DARNLEY NAYLOR, M.A. (Camb.). 1907—1927 (Emeritus 1927).

English Language and Literature and Mental and Moral Philosophy.

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

Mathematics and Physics.

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

Natural Science.

RALPH TATE, F.G.S. 1875—1901.

Chemistry.

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

Music.

JOSHUA IVES, Mus. Bac. (Camb.). 1884—1901.
JOHN MATTHEW ENNIS, Mus. Doc. (Lond.). 1902—1918.

Anatomy.

ARCHIBALD WATSON, M.D. (Paris and Gött.), F.R.C.S. 1885—1919. (Emeritus 1919).

FREDERIC WOOD JONES, M.B., B.S., M.R.C.S., L.R.C.P., D.Sc. (Lond.) F.R.S. 1920—1926.

HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.). 1927-1929.

Law.

FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.). 1890—1896
JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.). 1897—1905
WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin). 1906-1916.
COLEMAN PHILLIPSON, M.A., LL.D., Litt.D. (Victoria, Manchester). 1920—1925.

Physiology.

SIR EDWARD CHARLES STIRLING, K.C.M.G., M.A., M.D. (Camb. and Melb.), F.R.S. Lecturer, 1882—1899. Professor, 1900—1919.

Biochemistry and General Physiology.

THORBURN BRAILSFORD ROBERTSON, Ph.D. (Cal.), D.Sc. (Adel.). 1919-1930

Modern History and English Language and Literature.

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

Modern History.

GEORGE COCKBURN HENDERSON, M.A., 1902-1924. (Emeritus 1923).

English Language and Literature.

SIR ARCHIBALD THOMAS STRONG, Kt., M.A. (Oxon. and Liv.), Litt.D. (Melb.). 1922-1930.

FORMER PROFESSORS—*continued.*

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

Geology and Palaeontology.
WALTER HOWCHIN, F.G.S. Lecturer, 1902-1920. Honorary Professor 1918—1920.

Economics:
LESLIE GALFRIED MELVILLE, B.Ec. (Syd.), F.I.A. (Lond.). 1929-1931.

LECTURERS (honoris causâ).

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

Surgery.
BENJAMIN POULTON, M.D.

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

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

Obstetrics.
ALFRED AUSTIN LENDON, M.D.

Clinical Teachers.

The Staff of the Adelaide and of the Children's Hospital

Adelaide Hospital.

Hon. Consulting Anatomist:
PROFESSOR H. J. WILKINSON, M.D., CH.M. (Syd.), B.A. (Adel.).

Hon. Consulting Bacteriologist:
PROFESSOR J. B. CLELAND, M.D., Ch.M. (Syd.)

Hon. Physicians:
C. T. C. DE CRESPIGNY, D.S.O., M.D., B.S. (Melb.), F.R.C.P. (Lond.).
W. RAY, M.B., B.S. (Adel.)., B.Sc. (Oxon.).
D. R. W. COWAN, M.B., B.S. (Adel.)
A. R. SOUTHWOOD, M.D., M.S. (Adel.).

Physicians for Night Clinics:
R. F. MATTERS, M.D., B.S. (Adel.), F.R.C.S. (Edin.).
G. H. BURNELL, C.B.E., D.S.O., M.D., B.S. (Adel.), F.R.C.S. (Edin.).

Hon. Clinical Assistant to the Venereal Clinic:
H. R. POMROY, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Hon. Surgeons:
SIR HENRY NEWLAND, Kt., C.B.E., D.S.O., M.B., M.S. (Adel.) F.R.C.S. (Eng.).
BRONTE SMEATON, M.B., B.S. (Adel.), M.R.C.S. (Eng.). L.R.C.P. (Lond.).
I. B. JOSE, M.B., M.S. (Adel.), F.R.C.S. (Eng.).
L. C. E. LINDON, M.B., M.S. (Adel.), F.R.C.S. (Eng.).

Hon. Gynaecologists:
R. E. MAGAREY, M.B., B.S. (Adel.).
J. R. S. G. BEARD, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

Hon. Anaesthetists:

E. COOPER BLACK, M.B., B.S. (Adel.).
G. BROWN, M.B. Ch.B. (L'pool).
R. G. BURNARD, M.B., B.S. (Adel.).
K. F. COOPER M.B., B.S. (Adel.).
H. M. FISHER, M.B., B.S. (Adel.), F.R.C.S. (Edin.).
O. W. FREWIN, M.B , B.S. (Adel.).
N. S. GUNNING, M.B., B.S. (Adel).
S. R. HECKER, M.B., B.S. (Adel.).
G. H. HOWARD, M.B., B.S. (Adel).
R. L. KENIHAN, M.B., B.S. (Adel.).
A. D. LAMPHEE, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
H. E. PELLEW, M.B., B.S. (Adel.).
H. G. PREST, M.B., B.S. (Adel.).
W A. PRYOR, M.B., B.S. (Adel.).
A. C. SAVAGE, M.B., B.S. (Adel.).

Hon. Ophthalmologist:

H. F. SHORNEY, M.D. (Melb.), F.R.C.S. (Eng.).

Hon Assistant Ophthalmologists:

J. J O'GRADY, L.R.C P. & S. (Edin.)., D.O. (Oxon.).
J. B. LEWIS, M.B., B.S. (Melb.).

Hon. Aural Surgeon:

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

Hon. Assistant Aural Surgeons:

W. C. SANGSTER, M.D., B.S. (Melb.).
R. McM. GLYNN, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

Hon. Dermatologist:

F. H. MAKIN, M.B., B.S. (Melb.).

Assistant to Hon. Officer in Charge of Electric Cardiograph:

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

Hon. Assistant Gynaecologists:

B. H. SWIFT, M.B., B.S. (Camb.), F.R.C.S. (Edin.).
R. F. MATTERS, M.D. (Adel.), F.R.C.S. (Edin.).

Bacteriologist in charge of Vaccine Department:

HELEN M. MAYO, M.D., B.S. (Adel.).

Hon. Assistant Physicians:

G. A. LENDON, M.D. (Adel.), M.R.C.P. (Lond.).
S. ROY BURSTON, C.B.E., D.S.O., M.B., B.S. (Melb.).
H. KENNETH FRY, C.B.E., D.S.O., M.B., B.S. (Adel.)., B.Sc.
F. H. BEARE, M.D., B.S. (Adel.).

Hon. Radiologist:

H. CAREW NOTT, M.B., B.S. (Adel.), D.M.R.E. (Camb.).

Radium Therapist:

H. A. McCOY, M.B., Ch.M. (Syd.), D.M.R.E. (Camb.).

Deep X-ray Therapist:

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Medical Officer T.B. Clinic:

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Hon. Assistant Surgeons:

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C. T. TURNER, M.B., B.S. (Adel.).
P. SANTO MESSENT, M.B., M.S. (Adel.).
A. T. BRITTEN JONES, M.B., B.S. (Adel.), F.R.C.S.

Hon. Biochemist:

Hon. Pathologist:

PROFESSOR J. B. CLELAND, M.D. (Syd.)

Hon. Sanitary Adviser:

E. ANGAS JOHNSON, L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.D. (Gött.).

Hon. Clinical Physiologist:

PROFESSOR C. S. HICKS, M.Sc., M.B., Ch.B. (N.Z.), Ph.D. (Camb.). F.I.C. (Lond.), F.C.S. (Lond.).

Hon. Assistant Pathologists:

H. W. WUNDERLY, M.D. (Melb.), M.R.C.P. (Lond.).
A. F. HOBBS, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Hon. Clinical Assistants to Medical Section:

R. G. BURNARD, M.B., B.S. (Adel.).
E. F. GARTRELL, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
N. T. WIGG, M.R.C.P. (Lond.).
H. W. WUNDERLY, M.D. (Melb.), M.R.C.P. (Lond.).
I. S. MAGAREY, M.B., B.S. (Adel.).
F. R. HONE, M.D. (Adel.).
R. T. BINNS, M.B., B.S. (Adel.)
R. A. HASTE, M.B., B.S. (Adel.).
H. G. PREST, M.B., B.S. (Adel.).

Hon. Clinical Assistants to Surgical Section:

G. H. BURNELL, M.D., B.S. (Adel.), F.R.C.S. (Edin.).
W. J. W. CLOSE, M.B., M.S. (Adel.), F.R.C.S. (Edin.).
A. F. HOBBS, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
L. D. BETTS, M.B., B.S. (Adel.), M.Ch., F.R.A.C.S.
B. C. SMEATON, M.B., B.S. (Adel.), F.R.C.S. (Edin.).
A. L. DAWKINS, M.B., B.S. (Eng.), F.R.C.S. (Edin.).
I. A. HAMILTON, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
A. H. LENDON, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Hon. Clinical Assistant to Vaccine and Asthma Clinic:

O. W. FREWIN, M.B., B.S. (Adel.).

Hon. Clinical Assistant to Skin Section:

W. C. T. UPTON, M.B., Ch.M. (Syd.).

Hon. Clinical Assistants to Gynaecological Section:

H. M. FISHER, M.B., B.S. (Adel.), D.G.O., L.M. (Dublin), F.R.C.S. (Edin.).
R. L. VERCO, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Clinical Assistants to the Ophthalmic Department:

J. A. ROLLAND, M.B., B.S. (Adel.).
A. L. TOSTEVIN, M.B., B.S. (Adel.).
M. SCHNEIDER, M.B., B.S. (Adel.).
B. F. MOORE, M.B., B.S. Adel.).

Hon. Dental Surgeons:

F. M. SWAN, L.D.S.
A. P. R. MOORE, D.D.Sc.
C. R. FORDER, B.D.S.
L. S. ROGERS, B.D.S.
H. C. D. TAUNTON, D.D.S.
H. T. J. EDWARDS, D.D.Sc.
H. GILL WILLIAMS, L.D.S.
J. L. EUSTACE, B.D.S.
T. D. HANNON, B.D.S.
P. RAYMOND BEGG, B.D.Sc. (Melb.).
R. GODSON.
G. HARDY, B.D.S., L.D.S.
J. A. O'DONNELL, D.D.Sc.
M. S. JOYNER, B.D.S., L.D.S.
R. J. BRAZIL SMITH, B.D.S.

Hon. Consulting Metallurgist to Dental Branch:
R. A. L. LAUGHTON.

House Dental Surgeon:
J. F. CLARK, B.D.S.

Demonstrator in Pharmacy:
W. H. HAMMER, M.P.S.

Dental Superintendent:
T. D. CAMPBELL, D.D.Sc. (Adel.).

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

Hon. Curators of the Museum:

Medical Section:
F. H. BEARE, M.D. (Adel).

Gynaecological and Obstetrical Section:
B. H. SWIFT M.B., B.S. (Camb.), F.R.C.S. (Edin,).

Surgical Section:
H. R. POMROY, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Ear, Nose, and Throat Section:
B. McM. GLYNN, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

Ophthalmic Section:
A. L. TOSTEVIN, M.B., B.S. (Adel.), D.O. (Oxon.).

Adelaide Children's Hospital.

VISITING STAFF.

IN-PATIENTS.

Hon. Physicians:
HELEN M. MAYO, M.D., B.S. (Adel.).
F. N. LE MESSURIER, D.S.O., M.D., B.S. (Adel.).
E. BRITTEN JONES, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

Hon. Surgeons:
H. GILBERT, M.B., B.S. (Melb.); F.R.C.S. (Eng.).
L. A. WILSON M.B., B.S. (Adel.), F.R.C.S. (Edin.).
L. O. BETTS, O.B.E., M.B., B.S. (Adel.), M.Ch. (Orth.).

Hon. Ophthalmologist:
B. F. MOORE, M.B., B.S. (Adel.).

Ear, Nose, and Throat Department:
E. BROWN, M.B., B.S. (Melb.).

Hon. Dermatologist:
W. C. T. UPTON, M.B., Ch.M. (Syd.).

Hon. Dentist:
H. T. J. EDWARDS, D.D.Sc. (Adel.).

OUT-PATIENTS.

Hon. Assistant Physicians:
K. S. HETZEL, M.D., B.S. (Adel.), M.R.C.P. (Lond.).
R. L. T. GRANT, M.B. (Adel.), B.S., M.R.C.P. (Lond.)
A. D. LAMPHEE, M.B., B.S. (Adel.), M.R.C.P. (Lond.)

Hon. Acting Assistant Physician:
M. T. COCKBURN, M.B., B.S. (Adel.).

Hon. Assistant Surgeons:
G. H. BURNELL, M.D., B.S. (Adel.), F.R.C.S. (Edin.)
E. F. WEST, M.B., B.S. (Adel.), F.R.C.S. (Edin.).
JOHN MAYO, M.B., B.S. (Adel.).

Acting Assistant Surgeon:
A. F. HOBBS, M.B., B.S. (Adel.), F.R.C.S. (Eng.).

Acting Assistant Physician:
E. RUTH GAULT, B.Sc. M.B., B.S. (Adel.).

Ear, Nose, and Throat Department:
E. A. MATISON, M.D. (Ill., U.S.A.).
A. G. SCHROEDER, M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Hon. Anaesthetist:
E. COUPER BLACK, M.B., B.S. (Adel.).

Hon. Assistant Anaesthetists:
O. W. FREWIN, M.B., B.S. (Adel.).
D. R. WALLMAN, M.B., B.S.
A. C. SAVAGE, M B., B.S. (Adel.).
N. S. GUNNING, M.B., B.S. (Adel.).

Hon. Pathologist:
PROFESSOR J. B. CLELAND, M.D., Ch.M. (Syd.).

Pathologist and Bacteriologist:
F. RAY HONE, M.D., B.Sc. (Adel.).

Hon. Radiographer:
J. STANLEY VERCO, M.B., B.S. (Adel.).

Acting Hon. Radiographer:
COLIN GURNER, M.B., B.S. (Adel.).

Hon. Dentists:
R. J. BRAZIL SMITH, B.D.S. (Adel.).
A. D. COCKS, B.D.S. (Adel.).
T. D. HANNON, B.D.S. (Adel.).
H. F. SUDHOLZ, B.D.S. (Adel.).

Hon. Assistant Surgeon to Ophthalmic Department:
G. H. BARHAM BLACK, M.B., B.S (Adel.).

Hon. Physico-Therapeutist:
L. O. BETTS, O.B.E., M.B., B.S. (Adel.), M.Ch. (Orth.).

Hon. Sanitary Adviser:
E. ANGAS JOHNSON, L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.D. (Gött.).

Hon. Assistant Physician to Asthma Clinic:
D. L. BARLOW, M.B., B.S. (Adel.).

Clinical Assistants:
A. S. de B. COCKS, M.B., B.S. (Adel.).
I. S. MAGAREY, M.B., B.S. (Adel.).
B. S. MUECKE, M.B., B.S. (Adel.).
G. M. HONE, M.B., B.S. (Adel.).
C. FINLAYSON, M.B., B.S. (Melb.).

Hon. Consulting Psychologist:
E. A. ALLEN, Ph.D. (Lond.).

Staff of the Elder Conservatorium of Music

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PROFESSOR EDWARD HAROLD DAVIES, Mus.Doc., F.R.C.M.

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WILLIAM SILVER.
MAUDE MARY PUDDY, Mus.Bac.
GEORGE PEARCE.
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

Teacher of Organ:
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

Teachers of Singing:
FREDERICK CHARLES BEVAN.
HUBERT WINSLOE HALL.
MRS. GEORGINA DELMAR HALL.
MRS. REGINALD QUESNEL.
HILDA BEATRICE GILL, A.U.A.
HARRY WOTTON.

Teachers of Violin:
PETER BORNSTEIN.
SYLVIA WHITINGTON, A.U.A.

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

Teacher of Wood and Wind Instruments, and Orchestral Playing:

Teacher of Flute:
CONSTANCE PETHER.

Teacher of Ensemble Playing:
HAROLD STEPHEN PARSONS, Mus.Bac.

Teacher of Elocution:
JAMES ANDERSON.

Teacher of Composition and Orchestration:
DAVID ALEXANDER BURNARD, Mus.Doc.

Teachers of Theory of Music:
HAROLD STEPHEN PARSONS, Mus.Bac.
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

Teacher of French:
MARIA LUISA MASULLO.

Teacher of Italian:
MARIA LUISA MASULLO.

Teacher of Aural Culture and Musical Appreciation:

Secretary:
CLARICE HAIDEE BEATRICE GMEINER, A.U.A.

Staff of the Waite Agricultural Research Institute.

The Waite Professor of Agriculture and Director:
ARNOLD EDWIN VICTOR RICHARDSON, M.A. (Adel.), D.Sc. (Melb.). Appointed 1924.

The Waite Professor of Agricultural Chemistry:
JAMES ARTHUR PRESCOTT, D.Sc. Appointed 1924.

Entomologist:
JAMES DAVIDSON, D.Sc. (Liverpool), F.E.S. Appointed 1928.

Plant Pathologist:
GEOFFREY SAMUEL, M.Sc.

Plant Physiologist:
ARTHUR HILL KELVIN PETRIE, PH.D. (Camb.)., M.Sc. (Melb.)

Agronomists:
HUGH CHRISTIAN TRUMBLE, M.Ag.Sc. (Melb.).
HAROLD CYRIL GURNEY, M.Sc.

Chemist:
CLARENCE SHERWOOD PIPER, M.Sc.

Plant Geneticist:
IVAN FRANCIS PHIPPS, B.Ag.Sc., M.Sc., Ph.D. (Cornell)

Assistant Chemists:
RUPERT JETHRO BEST, M.Sc.
ALFRED ERIC SCOTT, M.Sc.
HERMANN PETER CHRISTIAN GALLUS, B.Sc.

Agrostologist:
JOHN GRIFFITHS DAVIES, B.Sc., Ph.D.

Assistant Agrostologist:
EDMUND ALFRED CORNISH, B.Ag.Sc.

Assistant Entomologist:
DUNCAN CAMPBELL SWAN, B.Sc. (W. Aus.).

Assistant Plant Pathologist:
STEPHEN DENIS GARRETT, B.A. (Camb.).

Honorary Wool Instructor:
ALFRED HENRY CODRINGTON.

Clerical Officer:
GARFIELD LOCKHART GOODEN.

Field Officer:
KENNETH ARTHUR PIKE.

Field Assistant:
F. C. C. GROSS.

Laboratory Assistants.

Anatomical: FRANCIS ERNEST CLARENCE.
Botanical: JUANITA THERESE JUNGFER.
Chemical: WILLIAM JOHN QUINN.
Engineering: *Chief Mechanic*: JAMES NEWSON McANNA.
Testing Officer: ROBERT FORBES COCKBURN.
Electrical Fitter: HERBERT EDWIN KOLLOSCHE.
Geological: HECTOR EDWARD EARL BROCK.
Pathological: EDWARD JOSEPH ROGERS, Jun.
Physiological: ERNEST ELDRIDGE.
Physics: *Chief Mechanic*—CYRIL ROY PAUL.
Laboratory Assistant—ROLAND HARRY OLIPHANT.

Registrar's Department.

Registrar:
FREDERICK WILLIAM EARDLEY, B.A., A.I.A.S.A. Appointed Accountant 1900. Assistant Registrar 1911, Registrar 1st March, 1924.

Accountant:
ALBERT WILLIAM BAMPTON, A.I.A.S.A. Appointed 1924.

Chief Clerk:
HENRY BEECHER HENDERSON.

Clerk of Examinations:
HERBERT REGINALD OTHAMS.

Honorary Librarian.

PROFESSOR FITZHERBERT.

Honorary Numismatists

ALFRED AUSTIN LENDON, M.D.
THOMAS HUGH FREWIN, M.A.

University Auditors.

ROBERT M. STEELE, A.U.A., F.C.A. (Aust.).
JAMES COUNSELL, F.C.A., (Aust.).

University Architect.

WALTER HERVEY BAGOT, F.R.I.B.A., F.S.A.I.A.

Former Registrars.

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

JOHN WALTER TYAS. 1882-1892.

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

Former Librarian.

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

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

PATRICK CECIL GREENLAND, B.A.

Additional Examiners for Degrees and Diplomas, 1931.

LL.B. DEGREE.

E. L. BEAN, B.A., LL.B.	Elements of Law and Legal and Constitutional History
H. B. PIPER	Law of Contracts
C. C. BREBNER, LL.B.	Law of Property, Part I.
L. A. WHITINGTON, LL.B.	Law of Property, Part II.
E. MILLHOUSE, LL.B.	Law of Wrongs
R. N. FINLAYSON, LL.B.	Law of Evidence and Procedure
R. J. RUDALL, LL.B.	Constitutional Law
R. N. FINLAYSON, LL.B.	Roman Law
E. L. STEVENS, LL.B.	Jurisprudence
E. W. BENHAM, LL.B.	Private International Law

M.B., B.S. DEGREES.

R. E. MAGAREY, M.B., B.S.	Clinical Gynaecology

EXTERNAL EXAMINERS.

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1874	Sir Thos. Elder ..	20,000	Endowment of Chairs in Mathematics and Natural Science.
1875-6	Public Subscriptions ..	600 8 0	For general purposes.
1878	Hon. J. H. Angas ..	4,000	To found an Engineering Scholarship.
1879	South Australian Commercial Travellers' Association	160	To found a Scholarship (Commercial Travellers).
1880	Public Subscriptions ..	500	To found Scholarships for English Literature in Memory of John Howard Clark.
1882	Sir Thos. Elder ..	10,000	Endowment of a Medical School.
1883	Public Subscriptions ..	500	For Prizes and Scholarship in Memory of Mr. Justice Stow.
1884	Hon. J. H. Angas ..	6,000	Endowment of a Chair of Chemistry.
1884-89 "	Sir Thos. Elder .. Private Subscriptions ..	1,500 1,150	In support of Chair of Music.
1884 "	Sir Thos. Elder .. Literary Societies' Union	1,000 220	Endowment of Evening Classes.
1886 1916	Public Subscriptions ..	800 325	Endowment of Lectureship on Ophthalmic Surgery in Memory of Dr. Chas. Gosse.
1888-89	Sir Thos. Elder ..	1,000	To enable the Council to establish full Medical curriculum.
1890	W. Everard	1,000	To found a Scholarship (The Everard Scholarship in Medicine).

Date.	Donor.	Amount.	Object.
		£	
1890	St. Alban Lodge of Free and Accepted Masons	150	To found the St. Alban Scholarship.
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1897	Sir Thos. Elder ..	20,000	Endowment of School of Music.
1897	Sir Thos. Elder ..	25,000	Endowment for general purposes.
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1900	His Excellency Lord Tennyson	100	To provide Medals for English Literature in the Junior, Senior, and Higher Public Examinations.
1900	Trustees of Robert Whinham Fund	84 9 6	To provide for the Robert Whinham prize for Elocution.
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1903	Joseph Fisher ..	1,000	To provide Fisher Medal in Commerce for course for Advanced Commercial Certificate and for the Fisher Lecture in Commerce.
1892–1911	R. Barr Smith ...	9,000	For purchase of books for University Library.
1907	G. J. R. Murray, K.C., B.A., LL.B.	1,000	To found a Scholarship (The Tinline Scholarship for History)
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1908	Bequest—David Murray.	2,000	For Scholarships.
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Date.	Donor.	Amount.	Object.
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1913	Creswell Memorial Committee	1,300	To provide Scholarship in the Commercial Course, in memory of the late John Creswell.
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1914	Anonymous Donor ...	100	To provide a "Lister" prize for award biennially for original thesis open to competition by graduates in Medicine.
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Date.	Donor.	Amount.	Object.
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	The Hon. Sir George Murray, K.C.M.G.	1,000	Building Fund.
	Family of late John Darling	15,000	For Medical School Building, in memory of their late father.
1921	The Hon. Sir Langdon Bonython, K.C.M.G.	40,000	For the erection of a Great Hall. The South Australian Government pay £10,000 to the University in 1930.
	Mrs. G. A. Jury	12,000	Endowment of a Chair in English Language and Literature.
	Old Scholars Tormore House School	130	To provide an Annual Prize in memory of the School.
1922	Mrs. Jane Marks	30,000	For the better endowment of the Medical School and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
	Mrs. A. M. Simpson and Miss A. F. Keith Sheridan	Property of the estimated value of £20,000	Advancement of Medical Research.
	Old Scholars Miss Martin's School	150	To provide Annual Prizes in memory of Annie Montgomerie Martin
1923	Adelaide Co-operative Society	150	To provide a Bursary in memory of George Thompson.
	T. E. Barr Smith	100	To provide an Annual Prize for an Essay on the work of the League of Nations.
1924	Mrs. Agnes Ayers	500	For general purposes.
	Old Scholars, Methodist Ladies' College Public Subscriptions	100 650	To provide a Library in Psychology to commemorate Miss Sarah Elizabeth Jackson, M.A.
	James Gartrell	200	To provide an Annual Prize for Comparative Philology.
1925	Old Scholars, Unley Park School	450	To provide a Bursary in memory of the late Catherine Maria Thornber.

Date.	Donor.	Amount.	Object.
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1926	The Hon. Sir Langdon Bonython, K.C.M.G.	20,000	To endow the Chair of Law.
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	Sir Joseph Verco, Kt.	5,000	For the publication of results of research in the medical sciences.
	J. T. Mortlock	2,000	To assist the Council in equipping the Waite Agricultural Research Institute.
	Public Subscriptions	1,037 11 1	For the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
	Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan	452 1 2	To establish Keith Sheridan prizes in the Medical School.
1927	John Melrose	10,000	For a Chemical Laboratory at the Waite Agricultural Research Institute.
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	Commonwealth Bank of Australia	2,500	For plant culture houses and an insectary at the Waite Agricultural Research Institute.
1930	Public Subscriptions	380	For the purposes of the South Australian Orchestra.
	Public Subscriptions	317 8 11	To found a research scholarship in memory of the late Professor E. H. Rennie.
931	Public Subscriptions	67 10	For the purchase of books to commemorate the late Kate Helen Weston's connection with the Elder Conservatorium.
1932	Ronald Lindsay Johnson	Land in Waymouth Street (unvalued)	For Chemical Laboratories.

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1903 } 1907 }	R. Barr Smith	1,000 0 0	For purchase of Apparatus.
1907-12	Anonymous Donor ..	1,500 0 0	For the purposes of the Law School.
1904-6	Chamber of Commerce	75 0 0	For the purposes of the Board of Commercial Studies.
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1911	Anonymous Donor ..	500 0 0	For the Lowrie Scholarship in Agriculture
1913-25	G. Brookman	20 0 0 p. a.	For a Scholarship in the Elder Conservatorium.
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1926	The Hon. Sir George Murray, K.C.M.G	100 0 0	Towards expenses of Jubilee Celebrations.
1928	W. J. Young	1,000 0 0	For erection of fence on Victoria Drive.
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1929	Misses L. and E. Waite ..	250 0 0	For improving escarpment in University grounds.
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1932	Advertiser Newspapers Limited	100 0 0	For Anthropological Research.

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M. S. Hawker	25	0	0
Mrs. M. S. Hawker	25	0	0
H. Law Smith	25	0	0
Mrs. A. A. Lendon	25	0	0
Mrs. J. W. McGregor	25	0	0
Mrs. R. Mortlock	25	0	0
Mrs. W. T. Mortlock	25	0	0
W. S. Murray	25	0	0
Miss A. Rymill	25	0	0
A. Scarfe	25	0	0
Sturt Methodist Ladies' Guild	22	0	0
Miss M. M. Anderson	20	0	0
Mrs. E. S. Barker	20	0	0
J. Kynes	20	0	0
Mrs. M. Legoe	20	0	0
Miss L. Reynell	20	0	0
	5,202	0	0
Contributed anonymously	567	12	0
Other Contributions	230	3	9
Total Donations	£5,999	15	9

PAST AND PRESENT GRADUATES.

His Majesty King George V., LL.D. (LL.D., Cambridge, 1894) (D.C.L., Oxford) 1901

His Royal Highness Edward Albert Christian George Andrew Patrick David, Prince of Wales, LL.D. (D.C.L., Oxford) - - - - - - - - - - - - 1920

His Royal Highness Albert Frederick Arthur George, Duke of York, LL.D. (LL.D., Cambridge) - 1927

This list was revised in 1931 by the omission of deceased graduates; it will be similarly revised at intervals of ten years.

A.

Abbott, Charles Arthur Hillas Lempriere, B.A. - - - - - - 1911
LL.B. - - - - - - - - - - - 1914
Abbott, Geoffrey Joseph, B.E. - - 1921
Abbott, Nigel Basil Gresley, M.B. B.S. - - - - - - - - - - 1916
†Abotomey, Olive Wanda, B.A. - - 1930
Adams, Alfred John, M.A. (Cambridge, 1899) - - - - - - 1900
Adams, Arthur John Sorby, B.Sc. 1926
Adams, Dorothy Sorby, M.B., B.S. 1922
Adams, Frederick Penoyre, LL.B. 1923
Adams, Reginald Arthur, M.A. (Cambridge, 1901) - - - - - 1901
Adams, Reginald Keith Sorby, M.A. 1926
Addison, Stanley Simpson, B.Sc. - 1908
†Aitchison, Erica Nancy, B.A. - - 1931
Aitchison, Gordon John, B.E. - - 1927
Akhurst, Adrian, LL.B. - - - - - 1908
Alderman, Arthur Richard, M.Sc. . . 1928
Aldersey, Richard Baker, B.Sc. - 1923
Alexander, William Colin, B.E. - 1928
Allen, Edgar, M.A. - - - - - - 1913
Allen, Eleanor Alice, B.A. - - - 1914
Allen, Henry Joshua, M.A. - - - 1929
Allen, John Howard, B.Sc. - - - 1916
Allen, Leonard Nicholls, B.A. - 1926
Allen, Lois Waveney, B.A. - - - 1913
Allen (nee Mann), Margaret Noble, B.A. - - - - - - - 1927
Altmann, Arthur Richard, B.E. - 1920
Altmann, Charles August, M.B. (Melbourne, 1883) - - - - - 1883
Altmann, Herbert Franz, M.B., B.S. 1922
Ambrose, Ethel Mary Murray, M.B., B.S. - - - - - - - - - - 1903
Anderson, Adrian Akhurst, B.E. - 1925
Anderson, Alan Bruce, B.Sc. - - - 1922
†Anderson, Isabella, B.A. - - - - 1930
Anderson, William Moffat, B.E. - 1920
†Andrews, Julian, M.B., B.S. - - - 1932
Andrews, Richard Bullock, B.A. - 1887
LL.B. - - - - - - - - - 1891
†Angel, Laura Madeline, B.Sc. - - 1931
†Angel, Mary Taylor, M.B., B.S. - 1931
Angove (nee Clare), Dorothy Cotgrave, B.A. - - - - - - - 1912
Angus, William, B.Sc. (Aberdeen, 1900) - - - - - - - - - 1905
Angus, William Roy, M.B., B.S. - 1923
Angwin, Hugh Thomas Moffitt, B.E. (B.Sc., 1910, surrendered for B.E., 1913) - - - - - - - - 1913
Angwin, William Britton, B.Sc. - 1909
Annells, William Charles, M.A. - 1899
Appleby, Arthur George, B.E. - - 1923
Appleby, Harold Henry, M.B., B.S. 1925
†Arden, Felix Wilfrid, M.B., B.S. - 1931
Arnold (formerly Weidenbach), Edwin, M.B., B.S. - - - - - 1907
Ash, Arthur Louis George, B.A. - 1907
†Ashton, Harry Tamblyn, B.Sc. - - 1930
Ashton, Joseph Everette, LL.B. - 1922
Ashton, Thomas Badge, M.B., B.S. 1903
Ashworth, Clarice Mabel, B.A. (Sydney, 1917) - - - - - - 1929
Astley, John Felix, LL.B. - - - 1922
†Atwell, Leslie George Danks, B.A. 1930

B

Badger, Robert, LL.B. - - - - 1914
Bagot, Edward Mead, M.A. - - 1919
†Bagot, John Hervey, B.A. (Cambridge, 1930) - - - - - - - 1931
Bagster, Lancelot Salisbury, D.Sc. - 1920
Bailey, Frederick Manson, B.Sc. - 1927
Baker, Arthur James Kendall, B.A. 1914
Baker, Ralph Alderton, M.B., B.S. -1912
†Baker, Walter Ross, B.E. - - - 1931
Bald, Robert Cecil, M.A. (Ph.D., Cambridge, 1929) - - - - 1930
LL.B. - - - - - - - - - 1930
Ballantyne, Elsie Ray, M.A. - - - 1931
Barbour, Graemme Madowal, M.A. 1922
Barbour, Robert, B.A. - - - - 1916
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930) - - - - - 1930
Barker, Alwyn Bowman, B.E. - - 1923
B.Sc. 1931
Barlow, Douglas Lewis, M.D. (M.B., B.S., 1915) - - - - - - - 1922
Barnard, Howard Lucas, B.E. - - 1924
Barnard, Marguerita Mira, B.A. - 1911
†Barnes, Thomas Alfred, B.Sc. - - - 1932
Barnett, Samuel Powell, M.B., B.S. - 1927
Barraclough, Sir Henry Egerton, M.E. (M.M.E., Cornell) - - - - - 1926
Barry, Alfred, LL.D. (Oxford) - 1889
†Barter, Francis Charles, LL.B. - - 1931
†Barter, Kenneth Edwin, B.A. - - 1931
†Barter, Ruth Estelle, B.A. - - - 1931
†Bartholomaeus, Clifford Geoffrey, B.E. 1930
Bartholomaeus, Edmund Stanley, B.A. 1914
Bartlett, William John, M.A. - - 1914
Barton, Felix Kingston, B.A. - - 1911
Barwell, Sir Henry Newman, LL.B. 1899
Barwell, Mary Gilbert, B.A. - - 1926
Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - - - - - - - - - 1913

† Not yet Members of the Senate.

Basedow, Herbert, B.Sc. (Ph.D., Breslau, 1908) - - - - - - 1910
Batchelor, Florence Elizabeth Reine, M.A. - - - - - - - - - 1931
†Bawden, Albert Victor, B.A. - - 1930
Baxter, Reginald Robert, B.Sc. - 1912
Bayly, William Reynolds, B.A. - 1896
B.Sc. - - - - - - - - - - 1898
Bean, Alan Reid, M.B., B.S. - - 1917
Bean, Edgar Layton, B.A. - - - 1913
LL.B. - - - - - - - - - - 1922
†Beaney, Harold Leigh, B.E. - - - 1932
Beard, Jack Roland Stanley Grose, M.B., B.S. - - - - - - - - 1914
Beare, Frank Howard, M.D. (M.B., B.S., 1917) - - - - - - - - 1921
Beare, Thomas Hudson, B.A. - - 1887
B.Sc. (London, 1889) - - - 1914
Beauchamp, Edward Benjamin, LL.B. 1927
Beaumont, Paul Charles, B.A. - 1921
Beck, Alan Beavis, M.Sc. - - - 1932
Bednall, Brian Herbert, B.Sc. - - 1925
Bednall, Maurice William, LL.B. - 1924
†Beech, Ernest Robert, M.B., B.S. - 1932
Begg, Percy Raymond, B.D.S. (Melbourne, 1924) - - - - - - - 1932
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrended for B.E., 1918) 1918
Bell, Arthur Hammond, M.A. - - 1925
Benham, Edward Warner, LL.B. - 1891
Benham, Frederick Lucas, M.D. (London, 1881) - - - - - - 1901
Bennett (nee Berriman), Annie Stevens, B.A. - - - - - - - - 1919
Bennett, Charles Gordon, B.A. - - 1922
†Bennett, David John, B.Sc. - - - 1932
Bennett, Frederick Norman, B.A. - 1905
Bennett, Keith McQuarrie, B.E. - - 1925
Bennett, Norman Robertson, M.B., B.S. 1919
Benskin, Frederick George, M.A. (Oxford, 1900) - - - - - - - 1923
Bensly, Edward von Blomberg, M.A. (Cambridge, 1889) - - - - - 1895
Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered for B.E. 1919) - - - - - - - - 1919
Bert, Ernest Julius, B.E. - - - - 1921
Berry, Frances Winifred, M.A. - - 1919
Berry, Philip Alan, B.Sc. - - - - 1919
†Besanko, Maurice Hier, LL.B. - - 1932
Best (nee Deland), Effie Wyllie, M.Sc. - - - - - - - - - 1930
Best, Rupert Jethro, M.Sc. - - - 1927
Betts, Lionel Oxborow, M.B., B.S. 1907
Bevan, Hopkin Llewelyn Willett, M.A. (Melbourne, 1895) - - - 1931
†Bevan, Medhurst Llewelyn Willett, LL.B. - - - - - - - - - 1931
Biaggini, Ernest Gordon, M.A. - - 1932
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920) - - - - 1920
Billing, Geoffry Chandos, B.A. - - 1922
Billinghurst, Harry, B.A. - - - - 1904
†Bills, Allan Maynard, B.A. - - - 1931
Bills, James, B.A. - - - - - - 1920
Binns, Raymond Thomas, M.B., B.S. 1923
Birch, John Bright, M.B., B.S. - - 1915
Birks, Walter Richard, B.Sc. - - 1910
Black, Edward William, Mus.Bac. 1925
Black, Eustace Couper, M.B., B.S. 1910
Black, Geoffrey Howard Barham, M.B., B.S. - - - - - - - - 1916
Blackburn, Arthur Seaforth, LL.B. - 1913
Blackburn, Charles Bickerton, B.A. 1893
Blackburn, John Stewart, B.A. - - 1914
Blacket, Arthur Howard, B.A. - - 1927
Blair, Euphemia Theodosia, M.A. - 1916
Blake, Milton Audley, B.Sc. - - - 1923
†Blaskett, Kenneth Selway, B.E. - - 1931
Blaskett, Sydney Norman, B.E. - - 1928
†Bleby, Dorothy Aileen, B.A. - - - 1930
†Bleby, Gordon Edward Henry, LL.B. 1931
Bleby, Thelma Evelyn, LL.B. - - 1923
†Blown, William Baker, B.E. - - - 1930
Boas, Isaac Herbert, B.Sc. - - - 1899
Bollen, Christopher, M.D. (Toronto, 1891) - - - - - - - - - 1894
Bollen, Kenneth Willoughby, M.B., B.S. - - - - - - - - - 1918
Bond, Leonard Gordon, B.A. - - - 1924
Bonnin, James Atkinson, M.B., B.S. 1895
†Bonnin, Noel James, M.B., B.S. - - 1932
Bonython, John Langdon, B.A. (Cambridge, 1928) - - - - - 1928
Booker, Robert Franklin, M.A. - - 1931
†Booth, Edward Stirling, B.Sc. - - 1932
Booth, Sydney Russell, B.A. (Cambridge, 1901) - - - - - - - 1910
Boothby, Charles Brinsley, LL.B. - 1886
Borthwick, Ernest Lincoln, M.B., C.M. (Edinburgh, 1897) - - - 1902
Bosworth, Richard Charles Leslie, M.Sc. - - - - - - - - - 1931
Bosworth, Richard Leslie Eugene, B.Sc. - - - - - - - - - - 1901
Boundy, Rex, B.E. - - - - - - - 1923
Bourke, George Herbert, B.A. - - 1924
Bourke, Herbert Merwin, M.B., B.S. 1922
†Boyce, Althea Enid, B.A. - - - - 1930
Boyce, Sidney Herbert, B.E. - - - 1928
Boyes, Harold Foster, B.Sc. - - - 1927
Bragg, Sir William Henry, M.A. (Cambridge, 1888) - - - - - 1888
Bragg, William Lawrence, B.A. - 1908
Branson, Harrold Randolph, M.B., B.S. - - - - - - - - - 1921
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - - - - 1905
Brawn, May, M.A. - - - - - - 1924
Bray, Gildart Harvey, M.A. (Aberdeen, 1890) - - - - - - - 1891
†Bray, John Jefferson, LL.B. - - - 1932
Brazel, James Francis, LL.B. - - 1926
Brebner, Charles Cave, LL.B. - - 1918
Bridges, Sir George Tom Molesworth, LL.D. (McGill) - - - - - 1926
†Bridgland, Reginald James, B.E. - 1930
Brigden, James Bristock, B.A. (Oxford, 1920) - - - - - - - 1926
Broadbent, Eric Elihu, M.B., B.S. - 1917
Broadbent, Harold Walter, M.B., B.S. 1919
Broadbent (nee Chapple), Marian, B.A. - - - - - - - - - - 1894
Brockway, George Ernest Emerson, B.Sc. - - - - - - - - - 1921
Bronner, Rudolph, M.A. - - - - 1926
Brooke, Malcolm Archibald, B.E. - 1925
†Brooke, William Charles Robert, B.E. 1931
Brookman, John Ragless, M.E. - - 1925

† Not yet Members of the Senate.

Brooks, Albert Joseph, B.A. - - - 1904
Brose, Henry Herman Leopold Adolph, D.Sc. - - - - - - - 1931
Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrended for B.E., 1914) 1914
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - - 1926
‡Brown, Cyril Maitland Ash, B.A. - 1932
Brown, Ernest William, D.Sc. (Cambridge, 1897) - - - - - - 1914
Brown, Frederick George, B.A. (London, 1898) - - - - - - - 1906
B.Sc. - - - - - - - - - 1910
Brown, Henry, M.A. - - - - - 1924
Brown, James Watson, B.Sc. - - 1893
LL.B. - - - - - - - - - 1898
Brown, Mary Home, B.Sc. - - - 1902
Browne, John Walter, M.B., B.S. (Royal Ireland, 1900) - - - 1908
Browne, Philip, M.A. - - - - - 1928
Browne, Thomas John, LL.D. - - 1917
Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923) - - - - - - - - - 1926
Brummitt, Robert Douglas, M.B., B.S. 1905
†Buckett, Reginald Clement, B.E. - 1931
Burdon, Ella Kate (nee McRostie) B.A. - - - - - - - - - 1915
Burdon, Roy Stanley, B.Sc. - - - 1916
Burgess, Annie Frances, B.A. - - 1909
Burgess, Leslie Frank, B.Sc. - - - 1908
Burgess, May, B.Sc. - - - - - 1899
Burgess, Norman Cecil, B.E. - - 1923
Buring, Franz Maurice, B.E. - - - 1923
Buring, Rupert Hermann Maurice, B.Sc. - - - - - - - - - 1929
Burnard, David Alexander, Mus.Doc. 1932
Burnard, Renfrey Gershom, M.B., B.S. - - - - - - - - - 1904
Burnell, Glen Howard, M.D. (M.B., B.S., 1916) - - - - - - - 1920
Burnell, Reginald George, B.A. - 1905
Burns, Chester Arnold, B.D.S. - - 1929
Burns, John Cumming, B.D.S. - - 1926
Burns, Leonard James, LL.B. - - 1917
Burns, Mary Leonora, M.A. - - - 1931
Burns, William Middleton, LL.B. - 1920
Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910) - - - - - 1930
Burton, Alice Madge, M.A. - - - 1931
‡Burton, Nancy Glen, B.A. - - - - 1932
†Butcher, Alan Edward, B.A. - - - 1931
Butler, Frederick Stanley, M.A. - - 1893
†Butler, William Henry, B.Sc. - - 1931
Butterworth, Clarence Gerald Roy, B.A. - - - - - - - - - 1929
Buttery, Roland Richard, LL.B. - - 1924
Buttrose, Ian, LL.B. - - - - - 1918
Byard, Douglas John, B.A. (Oxford, 1882) - - - - - - - - - 1889
Byles, Baldur Unwin, B.Sc. - - - 1925
Byrne, Alfred Dudley, M.B., B.S. - 1927

C.

Cairns, Hugh William Bell, M.B., B.S. - - - - - - - - - 1917
Calder, Rex Finlayson Cormack, B.E. 1927
Caldicott, Emma Victoria, B.A. - 1927
Cameron, Robert Ewen, B.A. - - 1921
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, Gordon Cathcart, B.A. - 1906
LL.B. - - - - - - - - - 1909
Campbell, James Way, B.A. - - - 1903
LL.B. - - - - - - - - - 1905
Campbell, Jessie, B.A. - - - - 1908
Campbell, Jessie, B.A. - - - - 1929
†Campbell, Kenneth Bruce Desmond, B.E. - - - - - - - - - 1931
Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921) - - - - - - 1923
†Cannell, Cedric James, B.Sc. - - 1931
Canney, Richard Francis, M.A. - - 1922
B.Sc. - - - - - - - - - 1926
Cant, Harry Arundale, B.Sc. - - 1924
Carey, Francis Clive Savill, Mus. Bac. (Cambridge, 1906) - - - - 1924
Carlin, Cyril Brooke, M.B., B.S. - 1926
Carne, Alfred George, B.A. - - - 1912
Carr, Emma Lucy, B.A. - - - - 1917
Carslaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908) - - - - - 1926
Carter, Frank Killingbeck, B.Sc. - 1922
Carter, Ida Jane, B.A. - - - - 1918
†Carthew, Lancelot, B.A. - - - - 1932
Cartledge, Jack Pickering, LL.B. - 1921
Cashmore, Alec Brooke, B.Sc. - - 1929
Cashmore, George Herbert, M.B., B.S. - - - - - - - - - 1927
Casson, Leslie Frank, M.A. - - - 1928
Catchlove, Sydney George Leyland, M.B., B.S. - - - - - - - 1907
Caust, Leslie George William, B.A. 1921
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - - - 1931
Cavenagh-Mainwaring, Wentworth Rowland, M.B., B.S. - - - - 1892
†Chalklen, Gwendoline Elizabeth, B.A. - - - - - - - - - 1930
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - - - - 1922
Chandler, Arthur James, M.B., B.S. 1927
Chapman, Arthur Horsley, B.E. - 1927
Chapman, Ernest Stirling, B.D.S. - 1928
†Chapman, Frank Hewett, LL.B. - - 1930
Chapman, Henry George, M.B. (Melbourne, 1899) - - - - - - 1901
Chapman, James Douglas, B.E. - - 1925
Chapman, Robert Hall, M.E. (B.Sc., 1910, surrendered for B.E., 1913) 1921
Chapman, Robert William, M.A. (Melbourne, 1888) - - - - 1889
†Chapman, Stanley Bertram, B.Sc. - 1931
Chapple, Alfred, B.Sc. - - - - 1894
Chapple, Ernest, B.Sc. - - - - 1903
Chapple, Frederic John, B.Sc. - - 1891
M.B., Ch.B., (Melbourne, 1897) - 1898
Chapple, Harold, B.Sc. - - - - 1900
Chapple, Phoebe, B.Sc. - - - - 1898
M.B., B.S. - - - - - - - 1904
Charlesworth, Thomas William, M.A. 1932
Cherry, Percival Thomas Spower, M.B., B.S. - - - - - - - - 1908
Chester, Harry Leonard, M.B., B.S. - 1925
Chignell, Arthur Kent, B.A. - - 1900

† Not yet Members of the Senate.

Child, Marie Beatrice, B.A. - - - 1926
†Chilman, Eliza Stewart, B.A. - - 1930
Chinner, Melville Ernest, M.B., B.S. 1925
Christie, Partick Joseph, LL.B. - - 1925
Christie, William, M.B., B.S. - - 1925
Christophersen, Jack Vivian, B.D.S. 1927
†Church, John Henry, B.A. - - - - 1932
Churchward, Spencer, M.A. - - - 1903
Churchward, Stella Mary, B.Sc. - 1904
Cilento, Raphael West, M.D., (M.B., B.S., 1918) - - - - - - - 1922
Clark, Archie Septimus, B.Sc. - - 1900
Clark, Annie Winifred, M.B., B.S. - 1922
Clark, Edward Vincent, B.Sc. - - 1895
Clark, John Francis, B.D.S. - - 1922
Clark, Percy John, B.A. - - - 1907
Clayton, Arthur Ross, M.B., B.S. - 1902
Cleggett, Edith, B.A. - - - - - 1921
Cleland, Edward Erskine, LL.B. - 1890
†Cleland, Elizabeth Robson, B.Sc. - 1931
Cleland, John Burton, M.D. (Sydney, 1902) - - - - - - - - - 1902
†Cleland, Margaret Burton, M.B., B.S. - - - - - - - - - 1932
Cleland, William Lauder, B.E. (B.Sc., 1904, surrendered for B.E., 1913) - - - - - - - 1913
Clode, Ailsa Marjorie, B.A. - - - 1928
†Close, Frank William, B.Sc. - - - 1931
Close, Ronald Wilkinson, B.Sc. - - 1929
Close, Walter John Westcott, M.S. (M.B., B.S., 1913) - - - - 1929
Coats, Claude Hampson, M.A. - - 1929
Cock, Alexa Beatrice, B.A. - - - 1921
†Cock, Leonard Ambrose, M.B., B.S. - 1932
Cockburn, Malcolm Turner, M.B., B.S. 1925
Cockburn, Patrick, M.B., B.S. - - 1914
Cocks, Alec Douglas, B.D.S. - - 1924
Cocks, Alfred Sydney de Bohun, M.B., B.S. - - - - - - - - 1925
Cocks, Sydney Gordon, B.D.S. - - 1925
Coghill, Donald Murray Robertson, M.A. (Melbourne, 1892) - - - 1906
Coghlan, Marie Teresa Clare, B.A. - 1928
Cole, Cyril Richard, B.Sc. - - 1914
Cole, Reginald William, B.A. - - 1929
Cole, Thomas Haslam, LL.B. - - 1922
†Colebatch, Gordon Thomas, B.E. - 1932
Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - - - - - 1906
Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880) - - - - - - - - 1914
Coles, Mignonette, B.A. - - - - 1912
†Collins, Charles Vincent, B.A. - - 1931
†Collins, Leslie William Nettell, B.E. 1931
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) - - - - - 1918
Collins, William Kendall, M.B., B.S. 1918
Collison, Edith, B.Sc. - - - - - 1900
Colman, William Russell Goodwin, B.E. - - - - - - - - - 1922
Colville, Arthur Landseer, LL.B. - 1905
Colville, John, M.A. - - - - - 1926
Comley, Charles Herbert, M.A. - - 1906
B.Sc. - - - - - - - - - 1919
*Connor, Julian Dove, B.Sc. - - - 1900
Conybeare, William James, B.A. (Cambridge, 1894) - - - - 1895
Cook, Ernest Peter, B.E. - - - 1929
Cooke, Florence Emmeline, Mus. Bac. 1900
†Cooke, Peter Ternent, B.Sc. - - - 1931
Cooke, William Ernest, M.A. - - 1889
Cooke, William Ternent, D.Sc. - 1905
Coombe, Alec Holloway, B.A. - - 1924
Coombe, Harold Robert, B.D.S. - 1923
Coombe, Reginald Joseph, LL.B. - 1923
Coombe, Samuel Walter, B.A. - - 1919
Cooper, Constance May, M.B., B.S. - 1904
Cooper, Claude Tidswell, M.B., Ch.B. (Melbourne, 1899) - - - - - 1899
Cooper, Donald Counter, M.B., B.S. 1921
Cooper, Kenneth Francis, M.B., B.S. 1929
*Cooper, Raymond Windham, B.A. - 1930
Cooper, Thomas Edwards, B.E. - - 1922
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913) - - - - - - - - 1913
Corbin, Cecil, M.B., B.S. - - - 1894
†Coote, George Gilbert, B.Sc. - - 1931
†Corbin, Clive Wilson, B.E. - - - 1932
Corbin, Hugh Burton, B.Sc. - - - 1892
Corbin, Horace Hugh, B.Sc. (London, 1904) - - - - - - - - 1913
Cornish, Jack Rodolph, LL.B. - - 1928
Cornish, Joseph Ruskin, M.B., B.S. - 1923
Corry, Samuel Lloyd, M.B., B.S. - 1910
Corvan, James Hamilton, B.A. (Dublin, 1865) - - - - - - - - 1877
Cotton, James Murray, M.B., B.S. - 1926
Coventry, Cameron Hilder, B.Sc. - 1900
†Covernton, John Selby, M.B., B.S. - 1931
Cowan, Darcy Rivers Warren, M.B., B.S. - - - - - - - - - 1905
Cowan, George Dalrymple, LL.B. - 1911
Cowan, Leslie Thompson, B.Sc. - 1907
Cowan, Robert Francis, B.A. - - 1912
†Cowden, Kenneth Laurence Brooke, M.B., B.S. - - - - - - - - 1932
Cowell, Geoffrey Reginald, B.Sc. - 1922
Cowling, Gordon Aubrey, B.E. - - 1928
Cowling, Lionel Deucalion, M.B., B.S. 1923
Cowperthwaite, Elsie Eleanor, M.A. 1906
Cox, Alwyn Birchmore, M.Sc. - - 1932
Cox, Carlton Ingham, B.Sc. - - 1929
Cox, Edwin Baxter, LL.B. - - - 1915
*Cox, Lancelot Ingham, B.E. - - - 1932
Cox, Rudolph William Arthur, B.E. 1921
Crabbe, Gavin Murray, M.B., B.S. 1927
Cramp, John Francis, M.B., B.S. - 1925
Crampton, Mary Hope St. Clair, M.A. 1926
Crane, Alexander Herbert, B.Sc. - 1926
Crawfurd, Lionel Payne, M.A. (Oxford, 1890) - - - - - - 1897
Cresswell, Edwin Fletcher, B.E. - 1921
Crocker, Walter Russell, B.A. - - 1925
†Cromer, D'Arcy Ananda Neil, B.Sc. - 1932
†Cropley, Frederick Waterton, B.E. - 1932
Crozier, John Edwin Digby, M.D. (Cambridge, 1931) - - - - - 1932
Crump, Cecil Charles, LL.B. - - 1923
Cudmore, Arthur Murray, M.B., B.S. 1894
Cudmore, Collier Robert, B.A. (Oxford, 1909) - - - - - - - 1932
Cullen, The Hon. Sir William Portus, LL.D. (Sydney, 1887) - - - 1926
Culshaw, George Vincent, LL.B. - 1927

* Deceased.
† Not yet Members of the Senate.

Cummins, Alice Mary, LL.B. - - - 1928
Curtis, Albert, M.B., B.S. - - - 1905

D.

Dalby, John, B.A. - - - - - - 1891
Daltry, Kate, M.A. - - - - - 1924
Dart, Ralph John, B.E. - - - - 1915
Darwin, Errol Raffael Henry, B.Sc. 1907
Darwin, Lisle Julius, M.A. - - - 1910
Davey, Constance Muriel, M.A. - 1918
Davey, Esther Marion, B.Sc. - - 1915
Davey, Laurence Llewellin, M.B., B.S. - - - - - - - - - 1913
Davey, Roy Herbert, B.Sc. - - - 1920
David, Daniel Arthur, M.A. - - - 1930
David, Sir Tannatt William Edgeworth, D.Sc. (Oxford, 1912) - - 1914
Davidson, George, M.A. (St. Andrews, 1879) - - - - - - 1898
Davidson, James, D.Sc. (Liverpool, 1915) - - - - - - - - 1928
Davidson, Roy Laidlaw, B.A. - - 1907
Davies, Clive Runnalls, B.A. - 1909
Davies, Edward Harold, Mus.Doc. - 1902
Davies, Harold Whitridge, M.B., B.S. 1917
†Davies, Natalia, B.A. - - - - - 1930
Davies, William Laurence, B.A. - 1914
Davis, Angelita Pintorcilla, Mus.Bac. 1905
Davis, David, B.A. - - - - - - 1906
Davis, Harold Julian, M.B., B.S. - 1927
Davis, John Alexander, B.E. - - 1929
Davis, Ray, B.Sc. - - - - - - 1915
†Davison, Gordon William, B.A. - 1931
Davoren, John Joseph, LL.B. - - 1922
Davy, Ruby Claudia Emily, Mus.Doc. 1918
Dawbarn, Mary Campbell, M.Sc. - 1928
Dawkins, Albert Norman, B.E. - - 1922
Dawkins, Alec Letts, M.B., B.S. - 1927
Dawkins, Alfred Ernest, B.Sc. - - 1912
†Dawkins, Lindsay Cramp, B.E. - - 1932
Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899) - - - - - 1920
Dawson, Alfred Lisle, B.Sc. - - 1926
Dawson, Dean, M.B., B.S. - - - 1905
Dawson, Joseph Bernard, M.D. (London, 1911) - - - - - - - 1920
†Day, Kathleen Emily, B.Sc. - - - 1931
Deans, Absalom, B.A. - - - - 1912
†De Boehme, Cecil Brooks, LL.B. - - 1931
De Crespigny, Constantine Trent Champion, M.D. (Melbourne, 1906) 1913
Deland, Charles Mervyn, M.B., B.S. 1924
†Delmont, William George, B.D.S. - 1932
Delprat, Lica, M.B., B.S. - - - 1910
Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - - - 1909
Dempsey, Richard Francis, LL.B. - 1888
Dettmann, Herbert Stanley, M.A. (Oxford, 1906) - - - - - - 1906
Devenish, Albert Sydney, M.A. - - 1899
Dick, Gordon Stuart Blyth, B.Sc. 1923
Dickinson, Edith Grace, B.A. - - 1926
Dinning, Alfred Ernest, B.A. - - 1915
†Dix, Alfred James, B.E. - - - - 1930
Dixon, Lyall Douglas, M.A. - - - 1931
†Dodd, Robert Hedley, B.A. - - - 1931
Dodwell, George Frederick, B.A. - 1905
Dolling, Charles Edward, M.B., B.S. 1911
Donaldson, Arthur, B.A. - - - - 1881
Donaldson, George, B.A. - - - - 1882
Donnelly, Thomas Hugh, M.B., B.S. 1911
Donnithorne, William, LL.B. - - 1926
Dornwell, Edith Emily, B.Sc. - - 1885
Dorsch (nee Heyne), Agnes Marie Johanna, B.A. - - - - - - 1891
Dorsch, Carl Emil, M.B., B.S. (Edinburgh, 1922) - - - - - - 1926
Dorsch, Ernst Georg, B.A. - - - 1915
Dorsch, Ida Margarete, B.A. - - - 1926
Dorsch, Magdalene Hedwig, B.A. - 1926
Doudy, Cecil Roy, LL.B. - - - - 1906
Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897) - - - - 1898
Douglas, Robert Langton, M.A. (Oxford, 1891) - - - - - - - 1900
†Douglas, Sholto John, M.B., B.S. - 1930
Dowling, Donald Augustus, M.B., B.S 1923
Downer, George Henry, LL.B. - - - 1885
Downer, James Frederick, LL.B. - - 1895
†Downey, Donnell Raymond, LL.B. - 1930
Downey, Michael Henry, M.B., B.S. (Melbourne, 1904) - - - - 1909
†Doyle, Leo James, LL.B. - - - - 1931
Draper, Fred, B.Sc. - - - - - - 1924
Drever, Donald Edward, M.B., B.S. - 1926
Drew, Charles Francis, M.B., B.S. - 1911
Dridan, Julian Randal, B.E. - - 1922
Driscoll, Hilda Marion, B.A. - - - 1908
Drummond, Euphemia Gibb, B.A. - 1923
Duffield, Kenneth Churchill, LL.B. 1925
Duguid, Charles, M.B., B.S. (Glasgow, 1909) - - - - - - - - 1920
Duguid (nee Lade), Phyllis Evelyn, B.A. - - - - - - - - - 1925
Dumas, Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913) 1931
Duncan, Keith Sinclair, B.E. - - 1922
Duncan-Hughes, John Grant, M.A. (Cambridge, 1910) - - - - 1910
Dunlevie, Ellen Emily, B.A. - - - 1927
Dunn, Talbot Lewis, M.B., B.S. - 1927
Dunstan, Beryl Elvira Mercia, B.A. - 1929
Dunstone, Horace Edgar, M.B., B.S. - 1912
Dutton, Gilbert Henry, B.Sc. (Wales, 1902) - - - - - - - - - 1921
Dwyer, John Matthew, M.B., B.S. - 1928

E.

†Eardley, Constance Margaret, B.Sc. - 1931
Eardley, Frederick William (Clerk of the Senate), B.A. - - - - 1913
Eardley, (nee Farsky) Hilda Gesina Franziska, B.A. - - - - - - 1906
Earl, Dorothy Elizabeth, B.A. (London, 1915) - - - - - - - 1917
Earl, John Campbell, D.Sc. - - - 1926
Eckersley, Percy Cyril Wheaton, B.A. 1921
Edeson, Emily Geraldine, M.A. (Melbourne, 1895) - - - - - - 1902
†Edgeloe, Victor Allen, B.A. - - - 1932
Edgerley, Margaret Janetta, B.A. - 1927
Edmonds, Stanley Joe, B.Sc. - - 1929
Edmunds, Charles Augustus, LL.B. - 1904
†Edwards, Allan Kingswood Morgan, B.Sc. - - - - - - - - 1930
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921) - - - 1923
†Edwards, Karl Francis, M.B., B.S. - 1932

† Not yet Members of the Senate.

†Ehmcke, Freda Evelyn, M.B., B.S. - 1931
Elcum, Charles Cunningham, M.A. (Cambridge) - - - - - - 1879
Elford, Harold Stewart, B.E. - - 1925
†Elliott, Brian Robinson, B.A. - - 1931
†Elliott, Kenneth Alexander, B.Ag.Sc. 1932
†Elliott, Ronald Donovan, LL.B. - - 1931
Ellis, Annie Rita, B.Sc. - - - - 1905
Ellis, Arthur Benjamin, B.A. - - 1911
Ellis, Frank, B.E. (B.Sc., 1907, surrendered for B.E., 1913) - - 1913
M.A. - - - - - - - - - - 1913
Ellis, Roy Gilmore, B.D.S. - - - 1926
England, Clarence William, M.B., B.S. - - - - - - - - - - 1925
England, Harold Norman, B.Sc. - - 1925
†England, Harry Clement, B.E. - - 1930
Erichsen, Matthias, M.B., B.S. - - 1903
Espie, Frank Fancett, B.E. - - - 1913
Eustace, John Leonard, B.D.S. - - 1921
†Evans, Eric Laurence, B.A. - - - 1930
Evans, John William, M.A. (Cambridge, 1931) - - - - - - 1932
Evans, Mervyn Wyke, B.D.S. - - 1929
Evans, Walter Alfred Wyke, B.D.S. 1928
Evans, Wilfred Robert, B.E. - - - 1924
Everard, James Edward, M.B., B.S. - 1910
Ewart, Alfred James, D.Sc. (Oxford) 1926
Ewens, John Qualtrough, LL.B. - - 1929

F.

Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913) 1913
†Fairwather, Edna May, B.A. - - - 1932
Farr, Clinton Coleridge, D.Sc. - - 1902
Farrent, Thomas Albert, B.Sc. - - 1923
B.E. - - - - - - - - - - 1924
Fawcett, Wilfred D'Arcy, B.E. - 1929
Featherstone, Dora Bewlay, M.A. - 1932
†Fehlberg, Tasman Julius August, B.A. - - - - - - - - - - 1932
Fenner, Charles Albert Edward, D.Sc. (Melbourne, 1917) - - 1920
Ferguson, Andrew, B.Sc. - - - 1904
†Ferguson, Wilfred John, B.A. - - 1930
†Ferguson, William Rex, B.E. - - 1931
Finch, Emily Olive, B.A. - - - 1913
†Finlayson, Allan Harvey, B.E. - - 1932
†Finlayson, Frank Harvey, B.E. - 1930
Finlayson, Ronald Nickels, LL.B. - 1903
Finnis, Horace Percy, M.A. (Melbourne, 1910) - - - - - - - 1922
Mus.Bac. - - - - - - - - 1932
Finniss, John Henry Suffield, M.B. (Edinburgh, 1876) - - - - 1886
Fischer, Arthur Frederick, LL.B. - 1925
Fischer, George Alfred, B.A. - - - 1888
M.B., B.S. - - - - - - - 1894
†Fishburn, Thomas Harold, B.A. - - 1932
Fisher, George Read, B.E. - - - 1925
Fisher, Harry Medcalf, M.B., B.S. - 1922
†Fisher, Tryphena Ellen, B.A. - - 1930
Fitzgerald, Bartholomew John, B.A. 1929
†Fitzgerald, Gerald, B.D.S. - - - - 1932
Fitzgerald, James Joseph, M.A. (Melbourne, 1908) - - - - - 1903
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923) - - - - - 1928
Flaherty, Edward John, B.A. - - 1924
†Flecker, Margaret Mabel, M.B., B.S. 1932
Fleming, Thomas Gordon, M.B., B.S. 1909
Flint, Adela Lysander, B.A. - - - 1921
Flint, Harold Elsden, M.A. - - - 1927
Florey, Hilda Josephine, M.B., B.S. 1912
Florey, Howard Walter, M.B., B.S. 1921
Flower, Clifford Horace Kenneth Dunn, B.Sc. - - - - - - - 1924
Ford, James Albert, B.A. - - - 1919
Ford, Raymond William, B.E. - - 1922
Forder, Charles Rex. B.D.S. - - - 1928
†Forder, Douglas Highmoor, B.Sc. - 1932
Forder, Howard Hamlyn, B.E. - 1926
Fordham, Juanita Horwood, B.A. - 1927
Forgan, Frederick Robert, LL.B. - 1928
Forgan, Humphrey Crayle, B.E. - 1927
Forgan, Sydney Bayly, M.B., B.S. - 1926
Formby, John Edward, M.B., B.S. - 1926
Formby, Myles Landseer, M.B., B.S. 1924
Fowler, James Richard, M.A. (Cambridge, 1890) - - - - - - 1891
Fowler, Russell Aubrey, B.Sc. - - 1919
Fox, Robert Owen, M.B., B.S. - - 1925
†Fraser, Harry Lovat, LL.B. - - - 1932
Frayne, Ernest John, M.B., B.S. - 1908
†Freney, Martin Raphael, B.Sc. - 1930
Frewin, Oscar Westcott, M.B., B.S. 1926
Frewin, Thomas Hugh, M.A. - - 1892
Fricker, Vera May, M.A. - - - - 1932
Frost, Mary Millicent, B.A. - - - 1927
†Frost, Richard Lewis, B.Sc. - - - 1930
Fry, Henry Kenneth, B.Sc. - - 1905
M.B., B.S. - - - - - - - 1908
Fuller, George Rayner, B.Sc. - - 1924
†Fulton, Gwen Evelyn Hamilton, B.A. 1932
Fyfe, Dorothy Mary, B.A. - - - 1926

G.

Gaetjens, Gertrude Vera, B.A. - - 1925
Galbraith, Cyril, B.E. - - - - 1927
Gale, Frederick Julius, B.A. - - - 1916
†Gallagher, William Edward, M.B., B.S. - - - - - - - - - 1932
Gallasch, Frank Edward, M.B., B.S. 1927
Gallus, Hermann Peter Christian, B.Sc. - - - - - - - - - 1928
Galvin, Thomas Bernard, B.A. - - 1916
Gardiner, Beauchamp Lennox, B.Sc. 1902
Gardner, George Gavin Forrest, Mus. Bac. - - - - - - - - - 1906
†Gare, Lloyd, B.Sc. - - - - - - 1932
Garrett, Allan Leonard, B.E. - - 1929
Garton, Mary May, B.A. - - - - 1923
Gartrell, Eric Frank, M.B., B.S. - 1921
Gartrell, Herbert William, B.A., B.Sc. 1902
Gartrell, Minnie Henrietta Foxwell, B.A. - - - - - - - - - 1926
Gault, Arthur Kyle, M.B., B.S. - 1917
Gault, Estelle Ruth, B.Sc. - - - 1914
M.B., B.S. - - - - - - - - 1919
†Gault, Freda Steele, B.A. - - - - 1931
Gault, Maisie Isabel Ogilvy, B.A. - 1921
George, Adalbert James, B.D.S. - 1927
George, Hilda Constance, B.A. - - 1928
George, Mildred May, M.B., B.S. - - 1914
George, Rowland Francis, B.D.S. - 1923
Gerlach, Max Johann, B.A. - - - 1925

† Not yet Members of the Senate.

Gibb, Claude Dixon, M.E. - - - - 1932
Gibbes, Alexander Edward, M.B., B.S. 1892
†Gibson, Robert Welch, M.B., B.S. - 1931
Gibson, Stephen Ernest Harvey, B.Sc. 1926
Gifford, Alfred Silva Harril, LL.B. 1922
Giles, Eustace, LL.B. - - - - - 1889
Giles, Harold, B.A. - - - - - 1911
Giles, Ireton Elliot, B.A. - - - 1897
†Giles, James Palmer, B.A. - - - 1931
Giles, Mortimer, LL.B. - - - - 1911
Giles, Nigel Stuart, B.Sc. - - - 1905
Giles, Olive Abbott, B.A. - - - 1907
Giles, Thomas O'Halloran, LL.B. (Cambridge, 1883) - - - - 1886
Giles, William Anstey, M.B. (Edinburgh, 1882) - - - - - - 1886
Gilfillan, William, M.B., B.S. - - 1921
Gill, Alfred, B.A. - - - - - - 1882
LL.B. - - - - - - - - 1885
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered for B.E., 1913) 1913
Gillen, John Besley, M.B., B.S. - 1917
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
Gillman, Phyllis Constance, B.A. - 1916
†Glastonbury, Dudley Ivan, B.Sc. - 1930
Glastonbury, James Oliver Garnet, B.Sc. - - - - - - - - - 1928
B.A. - - - - - - - - - 1932
Glastonbury, Keven, M.B., B.S. - 1926
Glayde, Ernest James, B.E. - - - 1927
Gluis, John, M.A. - - - - - - 1922
Glynn, Denis McMahon, LL.B. - - 1929
Glynn, Patrick McMahon, LL.B. (Dublin, 1879) - - - - - - 1898
Glynn, Robert McMahon, M.B., B.S. 1919
Godfrey, Kirke Charles, M.B., B.S. 1914
Godlee, Margery Rebecca, B.A. - - 1917
†Godlee, Theodore, M.B., B.S. - - - 1932
Goldsmith, Frederick, M.B., B.S. - 1889
Goldsworthy, John Garfield, M.A. - 1930
Good, Emily Milvain, B.A. - - - 1904
Good, Frances Helena, B.A. - - - 1916
Goode, Arthur, M.B., B.S. - - - 1894
Goode, Bruce Fleming, B.Sc. - - 1925
Goode, Kenneth Burden, B.E. - - 1914
Goode, Muriel Gertrude, Mus. Bac. 1911
Goode, Reginald Alfred, M.B., B.S. - 1910
Goode, Samuel Walter, B.A. - - 1898
Goodhart, Mabel Flora, LL.B. - - 1927
Goodman, Cyril William, B.E. - - 1915
Gosnell, Arthur William, M.A. (Cambridge, 1888) - - - - 1895
Goyder, Alexander Woodroffe, B.Sc. 1889
Graham, George Finlay, B.E. - - 1927
Graham, Mary Theresa, B.A. - - 1929
†Grant, Colin Kerr, B.Sc. - - - - 1931
Grant, Kerr, B.Sc. (M.Sc., Melbourne, 1901) - - - - - - - 1911
Grant, Richard Longford Thorold, M.B., B.S. - - - - - - - - 1918
Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - - 1920
†Gray, Eric William, B.A. - - - - 1931
†Gray, James Hugo, M.B., B.S. - - 1932
Gray, Keith Douglas, M.B., B.S. - 1926
Gray, William Watt Erskine, B.E. (B.Sc. 1912, surrendered for B.E., 1913) - - - - - - - - 1913
Green, Lorna Mary Alexander, B.Sc. B.A. - - - - - - - - - 1927 1929
Green, William Allan McInnes, B.E. 1928
†Greenland, Patrick Cecil, B.A. - - 1931
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered for B.E., 1913) 1913
Greenway, Harold, B.E. (B.Sc., 1906, surrendered for B.E., 1913) 1913
Greenway, Thomas Charles, B.Sc. - 1900
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - - 1907
Greenwood (nee Hales), Lizzie Ann, B.A. - - - - - - - - - 1908
Greet, Norman George Frank, M.A. - 1928
Gregerson, William Jens, M.B., B.S. (Melbourne, 1899) - - - - 1902
†Gregory, Cedric Errol, B.E. - - - 1931
Grey, Francis Isaac, M.A. (Melbourne, 1892) - - - - - - - 1907
Gribble, Albert Elijah, M.B., B.S. 1929
Griff, Bernard, LL.B. - - - - 1925
Griffiths, Ernest William, M.B., B.S. 1906
Griffiths, George Townsend, Mus. Bac. 1915
Griffiths, Thomas Lester, LL.B. - - 1913
Griggs, Clarence Middleton, B.Sc. - 1924
Gross, Kiem Bassett, B.E. - - - 1924
Grosser, Agnes Juliana Hulda, B.A. 1910
Grosvenor, Cyril, B.D.S. - - - - 1925
Grosvenor, Edna Mary, M.A. - - - 1926
Grote, Albert Walter, M.B., B.S. - 1926
†Guinand, Andrew Paul, B.Sc. - - - 1932
Gun, Lancelot Townsend, LL.B. - 1924
Gunn, John Alexander, M.A. (Liverpool, 1919) - - - - - - - 1926
Gunning, Norman Stannus, M.B., B.S. - - - - - - - - - 1926
Gunson, George Frederick, LL.B. - 1902
Gunson, John Bernard, M.B., B.S. - 1893
Gunson, William Joseph, LL.B. - 1894
Gurner, Colin, M.B., B.S. - - - 1918
Gurney, Harold Cyril, M.Sc. - - - 1932
Guymer, Arthur Howes, M.B., B.S. 1915
Guymer, Ernest Albert, M.B., B.S. 1914

H.

†Habich, Carl Gerhard, B.A. - - - 1932
†Habich, Carl Julius, B.E. - - - 1930
Hackett, Cecil John, M.B., B.S. - 1927
Hague, John Meyrick, LL.B. - - 1926
†Hague, Ralph Meyrick, LL.B. - - - 1932
Hains, Ivan Coronel, M.B., B.S. - 1911
Hakendorf, Andrew John, M.B., B.S. 1929
Hall, Alfred Daniel, M.A. (Oxford) 1914
Hall, Charles Fishbourne, M.A. - 1922
†Hall, Marjorie Gertrude, Mus.Bac. - 1931
Hall, Norman Bruce, M.B., B.S. - 1917
Hall, Robert William, LL.B. - - 1884
†Hallett, Harold Sinclair, B.E. - - 1932
Hamilton, Charles Wolfe, M.D. (Dublin, 1894) - - - - - - 1899
Hamilton, Ian Ayliffe, M.B., B.S. - 1924
Hamilton, Reginald Hewgill, M.B., B.S. - - - - - - - - - 1925
Hamp, Frances Marian, M.B., B.S. - 1925
Hancock, George Alfred, M.A. - - 1909
Hancock, Henry Raymond Russell, M.B., B.S. - - - - - - - 1927

† Not yet Members of the Senate.

Hancock, William Andrew, B.Sc. - 1924
Hancock, William Keith, M.A. (Oxford, 1930) - - - - - - - 1931
Hannan, Albert James, M.A. - - 1914
LL.B. - - - - - - - - - 1912
Hannan, Clare Reginald, LL.B. - 1922
†Hannon, Thomas Dennis, B.D.S. - 1930
Hanson, Bertram Speakman, M.B., B.S. - - - - - - - - - 1928
Harbison, Alan Thomas, M.B., B.S. - 1927
Harbison, Ernest John Keith, M.B., B.S. - - - - - - - - 1924
Hardy, Alfred Burton, LL.B. - - 1898
Hardy, John Scott, LL.B. - - - 1926
Hardy, Mabel Phyllis, B.A. - - 1914
Hardy, Tom Mayfield, B.Sc. - - 1913
Hargrave, Nathaniel John, LL.B. - 1905
Hargreaves, William Arthur, B.Sc. (Melbourne, 1891) - - - - - 1909
D.Sc. - - - - - - - - - 1916
Harkness, Robert, B.A. - - - - 1907
Harley, Marjory, B.A. - - - - 1925
Harmer, John Reginald, M.A. (Cambridge, 1884) - - - - - - 1895
Harper, Anthony, LL.B. - - - - 1926
Harris, Allan Cuthbert, B.Sc. - - 1923
Harris, Clare Sparkes, LL.B. - - 1925
Harris, Donald Dunstan, M.A. - - 1929
Harris, Dorothy Mary, B.A. - - - 1919
Harris, Ernest Wilfred, LL.B. - - 1920
Harris, George David, M.B., B.S. - 1922
Harris, John, M.B., B.S. - - - - 1924
Harris, Sophie Dora, B.A. - - - 1928
Harrison, Walter, B.A. - - - - 1929
Harry, Arthur Hartley, B.A. - - - 1901
Harry, Geoffrey Courtenay, LL.B. - 1925
Harry, Irene Pearl, B.A. - - - 1915
Harry, Romilly Carveth, LL.B. - 1929
Harvey, Bernice Enid, Mus. Bac. - 1928
Harvey, Faith Fairbank, Mus. Bac. - 1925
Harvie, Sydney Haral, B.Sc. - - 1927
Haselgrove, Helene Martha, B.A. - 1923
Haskard, George Henson Barrett, B.Sc. - - - - - - - - - 1925
†Haslam, Dorothy Elizabeth, B.A. - 1931
Haslam, Leslie Horrocks, LL.B. - - 1908
Hassell, Kathleen Lilian, M.A. - - 1927
Haste, Reginald Arthur, B.Sc. - - 1911
M.B., B.S. - - - - - - - - 1914
Hawken, Doris Marguerite, B.A. - 1917
†Hauser, Frederick Herbert, B.A. - 1931
Hawker, Charles Allan Seymour, M.A. (Cambridge, 1922) - - - 1923
Hawker, Edward William, LL.B. (Cambridge, 1873) - - - - - - 1877
M.A. (Cambridge, 1890) - - - 1902
Hawkes, Rose Adeline, B.A. - - - 1928
Hay, James, LL.B., B.A. (Cambridge, 1880) - - - - - - - 1883
Haycraft, Edith Florence, B.Sc. - 1890
Hayward, Charles Waterfield, M.A. (Oxford, 1892) - - - - - 1892
†Hayward, James Lionel, M.B., B.S. .. 1932
Hayward, Lancelot Alfred, M.B., B.S. - - - - - - - - - 1914
Haywood, Edward Leo, LL.B. - - 1925
†Heading, Keith Edward George, B.Sc. - - - - - - - - - 1930
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893) 1900
Heaslip (nee Shorney), Barbara Kate, B.A. 1928
Heaslip, William Gordon, M.B., B.S. 1929
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928) 1929
LL.B. 1932
Heaton, Herbert, M.A. (Leeds, 1912) 1918
Hebart, Siegfried Paul, M.A. .. 1932
Hecker, Stewart Roy, M.B., B.S. .. 1919
Heinemann, Edmund Lewis, B.A. (Oxford, 1887) 1890
†Henderson, Eric Malcolm, B.E. .. 1932
Henderson, George Cockburn, M.A. (Oxford, 1897) 1902
Henderson, John Henderson, M.B. (Glasgow, 1882) 1899
Henderson, Roland, LL.B. 1926
Henderson, William, B.A. 1904
LL.B. 1908
Henning, Andrew Harriot, LL.B. .. 1887
†Herriot, Robert Irvine, B.Ag.Sc. .. 1932
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered for B.E., 1913) 1913
Heseltine, Samuel Richard, LL.B. 1908
Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920) 1926
Heuzenroeder, Reginald Leo, LL.B. 1923
Heuzenroeder, William Eberhard, LL.B. 1891
Hewitson, Thomas, LL.D. 1922
Hewitt, Cecil Austin, LL.B. .. 1924
Heyne, Ida Marie, B.A. 1916
Heyne, Laura Olga Hedwig, M.A. .. 1917
Hicks, Cedric Stanton, M.Sc. (N.Z., 1915) M.B., B.S., (N.Z., 1923) 1926
Hicks, Francis Gibson, LL.B. .. 1915
Higginbottom, Edwin Corlett, B.A. 1920
†Higgins, Alfred James, B.A. .. 1930
†Hilbig, Paul Berthold, B.A. 1930
Hill, Albert Charles, B.A. 1914
Hill, Arthur William, D.Sc. (Cambridge, 1918) 1927
Hill, Florence McCoy, B.Sc. (Cal., 1897) 1927
Hill, John, B.Sc. 1922
Hill, John Holroyd, B.A. 1920
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) 1920
Hill, Hilda Mary, B.A. 1908
Hilton, Arthur Robert, B.A. 1909
Hitchcox, Alfred Clarke, M.A. .. 1932
Hobbs, Alan Frank, M.B., B.S. .. 1922
Hocking, Frank Maxwell, B.Sc. .. 1929
Hoctor, John Francis, B.A. (Dublin, 1871) 1877
Hodby, Frederic Stephen, LL.B. .. 1925
Hodby, Lindley David, M.B., B.S. 1929
Hogan, Esmond John Campbell, LL.B. 1920
Hogan, Leo Matthew Bradford, LL.B. 1922
Hogan, Philip Cornelius, M.B., B.S. 1928
†Hogarth, David Stirling, LL.B. 1931
Holdaway, Frederick George, M.Sc. (Queensland, 1925) 1928
Holden, Edward Wheewall, B.Sc. .. 1905

† Not yet Members of the Senate.

†Holden, Ethel, B.A. 1931
Holder, Ethel Roby, M.A. 1901
Holder, Eric James Roby, M.B., B.S. 1909
Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered for B.E., 1913) 1913
Holder, Sophia Ellen, B.A. 1906
Holder, Sydney Ernest, M.B., B.S. .. 1913
Hole, William Margarey, Mus. Bac. 1898
Holland, Charlotte Annie, B.A. .. 1916
Hollidge, Alfreda Faith, B.A. .. 1922
Hollidge, David Henry, M.A. .. 1889
Hollidge, Geoffrey David, LL.B. .. 1926
Holmes, Edna Lucy, LL.B. 1924
M.A. 1928
Holtham, Richard, B.A. (Queensland, 1916) 1920
Homburg, John, LL.B. 1908
Hone, Alfred Andrew, B.Sc. 1924
Hone, Brian William, B.A. 1928
Hone, Frank Raymond, B.Sc., M.D. (M.D., B.S., 1920) 1923
Hone, Frank Sandland, B.A. 1889
M.B., B.S. 1894
Hone, Garton Maxwell, M.B., B.S. .. 1924
†Honnor, Wilfrid Weston, B.Sc. .. 1931
Hoopmann, Friedrich Wilhelm, M.B. B.S. 1922
Hope, Charles Henry Standish, B.A. (Cambridge, 1883) 1889
M.D. 1891
Hope, (nee Fowler), Laura Margaret, M.B., B.S. 1891
Hopkins, Alfred Nicholas, B.A. .. 1888
Hornabrook, Reginald Denys, M.B., B.S. 1926
Hornabrook, Rupert Walter, M.B., B.S. 1896
Hosking, Herbert Champion, M.B., B.S. 1923
Hosking, Herbert Clifton, B.A. .. 1908
†Hosking, Lochee Maud, B.A. 1931
Hoskins, Howard Berthold, B.A. .. 1926
Hossfeld, Paul Samuel, M.Sc. - - 1926
Hourigan, Richard Edward, LL.B. .. 1893
Howard, Arthur Ewing, B.A. .. 1912
Howard, Geoffrey Hardman, M.B., B.S. 1923
Howchin, Stella, B.Sc. 1893
Howe, George William Osborn, D.Sc. (Durham, 1914) 1914
Howell, Edward Tucker, M.A. (Oxford, 1860) 1877
Hubbe, Edith Ulrica, B.A. 1908
M.B., B.S. 1922
Hughes, Alfred, B.A. (Cambridge, 1886) 1889
Hughes, Gordon Kingsley, B.Sc. .. 1928
Hughes, James Estcourt, M.B., B.S. 1926
Humphris, Francis Henry, B.E. .. 1924
†Hunt, Max Aubrey, B.E. 1931
†Hunter, Brian Oswald, LL.B. 1932
Hunter, Doris, B.A. 1924
*Hunter, Oswald, LL.B. 1903
Hunwick, Arthur Philip, B.E. .. 1929
Hurley, Leonard Joseph Bernard, B.A. 1914
Hurst, Harvey Herbert, M.B., B.S. 1929
Hurst, Walter William, B.Sc. .. 1916
Hussey, Percival Francis Leitch, M.B., B.S. 1920
Hutcheson, George Ian Dewart, B.E. 1917
†Hutchesson, Gordon Bramwell, LL.B. 1930
Hutley, Walter Fritz Stephen, B.A. 1929
†Hyde, Miriam Beatrice, Mus. Bac. - 1931

I.

Ide, Frank Boyle, B.E. 1928
Iliffe, James Drinkwater, B.Sc. .. 1899
Ingamells, Dora, B.A. 1909
Ingamells, Eric Marfleet, B.A. .. 1908
Ingleby, Aileen Constance, LL.B. .. 1921
Ireland, Norman Arthur, M.A. .. 1932
Irwin, Henry Offley, M.B., B.S. .. 1893
Irwin, Robert Newenham, LL.B. .. 1929
†Isaachsen, Oscar Cedric, LL.B. .. 1932
Isbister, James Linklater Thomson, B.Sc. 1891
M.B., B.S. 1896
Isbister, William James, LL.B. .. 1887
Ives, Joshua, Mus. Bac. (Cambridge, 1884) 1885

J.

Jack, Fannie Augusta, B.A. (Sydney, 1899) 1913
Jack, Robert Lockhart, B.E. (Sydney, 1899) 1913
D.Sc. 1930
Jack, William Logan, M.B., B.S. .. 1929
Jacobs, Maxwell Ralph, B.Sc. .. 1925
Jackman, Frank Downer, B.E. .. 1924
†James, Clarence Keith, B.E. 1932
James, Wesley Hughes, B.Sc. .. 1919
M.E. 1932
James, William Rex, M.B., B.S. .. 1928
Jauncey, George Eric Macdonnell, D.Sc. 1922
Jay, Hubert Melville, M.B., B.S. .. 1908
Jefferies, Lionel Harry, B.A. 1908
Jefferis, Arthur Tarlton, B.Sc. .. 1908
Jeffries, Lewis Wibmer, M.B., B.S. 1907
Jeffries, Shirley Williams, LL.B. .. 1909
†Jenkin, Alfred John Roseland, B.A. 1932
Jenkin, Mabel Gertrude, B.A. - - 1928
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) 1922
Jessop, Charles Lewis, LL.B. .. 1906
Johncock, Ernest Harry, M.A. .. 1924
Johncock, Leonard Percy, B.A. .. 1926
†Johnson, Dorothy Mavis, B.A. .. 1931
Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897) 1897
M.D. (Gottingen, 1899) 1901
†Johnson, Edwin Ralph, B.A. 1931
Johnson, William Herbert, B.A. .. 1911
Johnston, Benjamin George, M.B., B.S. 1924
Johnston, Lance Galbraith, B.E. .. 1925
Johnston, Thomas Harvey, D.Sc. (Sydney, 1911) 1923
Johnstone, Percy Emerson, B.A. .. 1894
LL.B. 1898
Jolly, Norman William, B.Sc. .. 1901
†Jolly, Wallace Wilson, M.B., B.S. .. 1930
Jona, Jacob, B.Sc. 1908
Jona, Judah Leon, D.Sc. 1910
M.B., B.S. (Melbourne, 1911) .. 1917
M.S. 1919
Jones, Albert Edward, LL.B. 1888

* Deceased.
† Not yet Members of the Senate.

Jones, Alan Thomas Britten, M.B., B.S. 1921
†Jones, Albert Walter, B.Sc. 1932
Jones, Brynmor Beveridge, M.B., B.S. 1921
Jones, Doris Egerton, B.A. 1911
Jones, Edmund Britten, M.B., B.S. 1910
Jones, Frederic Wood, D.Sc. (London, 1910) 1920
Jones, Gwynfred, B.Sc. 1926
Jose, Edward Salisbury, B.A. (Oxford, 1904) 1905
Jose, George Herbert, M.A. (Oxford, 1906) 1906
Jose, Gilbert Edgar, M.B., B.S. .. 1922
Jose, Ivan Bede, M.S. (M.B., B.S., 1915) 1923
Joyce, Rosalie Woodruff, B.A. .. 1929
Joyner, Malcolm Stewart, B.D.S. .. 1926
Joyner, Max Frederick, LL.B. .. 1913
Jude, Gertrude Josephine, B.Sc. .. 1901
Judell, Maurice Wolff, B.Sc. .. 1903
Juett, Christina Margaret, B.A. .. 1929
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) 1914
Jungfer, Carl Clifford, M.B., B.S. 1926
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) .. 1911
Jury, Charles Rischbieth, M.A. (Oxford, 1923) 1931

K.

Kahan, Raoul Robellaz, B.Sc. .. 1911
Kaines, Macklin, B.A. 1927
Kaines, Raymond Hannay, M.B., B.S. 1926
Kay, Robert Pringle, B.E. 1926
Kay-Mouat, John Richard, M.A. (Oxford, 1907) 1926
Kean, Eileen Margaret, M.A. .. 1930
Kearnan, Joseph Reginald, LL.B. .. 1925
Kearney, Alan Wells, M.A. (Cambridge, 1877) 1889
Keipert, Leslie James, M.B., B.S. .. 1918
Kelly, Cecil James St. Leger, LL.B. 1924
Kelly, Ellen, B.A. 1928
Kelly, Eric Gordon, M.A. 1925
Kelly, Francis, LL.B. 1906
Kelly, Michael, M.B., B.S. 1928
Kelly, Michael Lawrence, LL.B. .. 1928
Kelly, Patrick Joseph, LL.B. .. 1924
Kelly, William Raymond, LL.B. .. 1920
Kennedy, Alexander Lorimer, B.E. 1915
Kenihan, Raphael Leo, M.B., B.S. 1915
Kendrew, George Harry, M.B., B.S. 1917
Kessell, John Samuel, M.B., B.S. 1923
Kessell, Stephen Lackey, M.Sc. .. 1927
Kiek, Edward Sidney, M.A. (Oxford, 1910) 1920
Kiek, Winifred, M.A. (B.A. Manchester, 1907) 1929
Killmier, Arthur Clifford, B.A. .. 1929
Kindler, Johannes Ernst, M.E. .. 1930
Kingsmill, Sir Walter, B.A. 1883
Kirby, Mary Maude, B.Sc. 1890
Kirkman, Kenneth Hainsworth, LL.B. 1919
Kirwood, Albert Ernest Maldon, M.A. (Melbourne, 1921) 1925
Kitson, Mary Cecil, LL.B. 1915
Kleeman, Reginald Theodore, B.E. 1923
*Kleeman, Richard Daniel, D.Sc. .. 1908
Klose, Alfred Emil Johannes, B.A. 1915
Kneebone, Christopher Stephen, B.E. 1920
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) 1921
Kneese, Alexander Theodor, B.E. 1924
Knight, Percy Norwood, B.A. .. 1888
†Koehne, Marjorie Evelyn, B.A. .. 1931
†Koehne, Raymond Percy, B.A. .. 1932
Koerner, Carl Frederick, B.E. .. 1923
B.Sc. 1928
Koerner, John Francis, B.E. 1924
Kollosche, Harold Frank, M.B., B.S. 1915
†Krantz, Roy, M.B., B.S. 1930
Krantz, Sydney, M.B., B.S. 1927
Krichauff, George Frederick, B.E. 1927
Kriehn, Adolf Oscar, M.A. 1926
Kriewaldt, Martin Rudolf Chemnitz, B.A. (Wisconsin, 1922) 1923
LL.B. 1925
Kuchel, Carl Wilhelm August, M.A. 1912

L.

†Lade, Kathleen Beatrice, B.A. .. 1930
Laffan, Anna Estelle, B.A. 1922
Lamb, Sir Horace, M.A. (Cambridge, 1875) 1877
†Lamey, Charles Sydney, B.A. 1932
Lampe, Victor Leslie, B.A. 1919
Lamphee, Allan Dunstan, M.B., B.S. 1924
Lane, Annie, M.A. 1904
Lang, Eric, M.E. 1930
Lang, Philip Roy, M.A. 1929
Lang, Sydney Chapman, B.A. .. 1896
Lang, William Holland, B.Sc. .. 1908
Last, Raymond Jack, M.B., B.S. .. 1924
Laught, Keith Alexander, LL.B. .. 1927
Law, Gertrude Teresa, M.A. 1924
Lawrence, Alfred Oscar Platt, B.Sc. 1928
Lawrence, Bruce Ernest, M.B., B.S. 1927
Lawrence, Gordon Ord, B.D.S. (Melbourne, 1922) 1929
Laws, Keith William, B.D.S. (Sydney, 1924) 1925
Lea, Richard Henry Maclure, B.E. 1925
Leach, Basil Woodd, B.D.S. (Melbourne, 1920) 1924
Leach, William Valentine, M.A. .. 1923
Leader, Haynes, LL.B. 1926
Leask, John Hunter, B.E. 1928
Leaver, Edward, LL.B. 1928
Leckie, Alexander Joseph, Mus. Bac. 1913
Ledger, Gladys May, B.A. 1912
Ledger, William Henry, B.Sc. (Sydney, B.E., 1903) 1906
Leditschke, Friedrich Berthold, M.B., B.S. 1924
†Lee, Hector John, B.Sc. 1932
LeHunte, Sir George Ruthven, M.A. (Cambridge, 1880) 1903
Leidig, Ludwig Adolf Emanuel, M.A. 1926
LeLacheur, Hellier, B.A. 1915
†LeMessurier, David Hugh, B.Sc. .. 1932
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913) 1920
LeMessurier, Thomas Abram, M.Sc. 1926
M.A. 1894
Lendon, Alan Harding, M.B., B.S. .. 1927

* Deceased.
† Not yet Members of the Senate.

Lendon, Alfred Austin, M.D. (London, 1881) 1883
Lendon, Guy Austin, M.D. (M.B., B.S., 1917) 1922
†Lennon, Vincent Francis Bennett, M.B., B.S. 1930
Leslie, Colin, B.A. 1928
Leslie, Jean, M.A. 1932
Letcher, Herbert George, M.B., B.S. 1927
Lewcock, Harry Kingsley, B.Sc. .. 1923
†Lewis, Arthur Sangster, B.E. 1930
Lewis, Aubrey Julian, M.D. (M.B., B.S., 1923) 1931
Lewis, Eric Henry, M.D. (M.B., B.S., 1906) 1908
†Lewis, Gwenyth Elizabeth, B.D.S. .. 1932
Lewis, Irene Gwendoline, B.Sc. .. 1907
Lewis, Reginald William Frederick, B.E. 1925
Ligertwood, George Coutts, B.A. .. LL.B. 1908 1910
Lillywhite, Cuthbert, B.Sc. 1899
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919) 1923
Linn, Leslie Wadmore, M.B., B.S. .. 1918
Lloyd, (nee Smith), Ida Gwendoline Viner, B.A. 1902
Lipsham, Kate Caroline, B.A. .. 1905
†Lloyd, Thomas Rex Viner, B.E. .. 1932
Loan, Edward Charles, B.A. 1903
Lodge, Sir Oliver Joseph, D.Sc. (London, 1877) 1914
Love, James Robert Beattie, B.A. .. 1915
Love, John Alexander, M.B., B.S. .. 1915
Lowrie, William, M.A. (Edinburgh, 1883) 1883
Lucas, Sir Charles Prestwood, B.A. (Oxford, 1884) 1914
Ludbrook, Wallis Verco, B.Sc. .. 1928
Luke, Thomas Glen, B.Sc. 1925
†Lunn, Margaret Anne, LL.B. 1931
Lushey, Harold Merton, M.A. .. 1926
Lushey (nee Wilks), Vida Alice B.A. 1904
Lynch, Arthur Francis Augustin, M.B., B.S. 1889
Lyon, Hugh Pearson Dunlop, LL.B. 1925

M.

McAnaney, Rita Margaret, M.B., B.S. 1926
McAree, Francis Edward, M.B., B.S. 1906
McAree, John Victor, M.B., B.S. .. 1905
†McArthur, Laurence Archie, B.A. .. 1930
Macaulay, Robert Wilson, B.A. .. 1903
Macbeth, Alexander Killen, D.Sc. (Belfast, 1914) 1928
McBride, Dorothy Evelyn, Mus. Bac. 1915
McBride, William John, B.Sc. .. 1898
McBryde (formerly Schultz), Frederick Balfour, LL.B. 1912
B.A. 1920
MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906) 1926
McCarthy, Burnard, B.A. 1926
†McCarthy, Doreen Franklin, B.A. .. 1931
McCarthy, Peter Paul, LL.B. .. 1924
McCloughry, Claude Lancelot. B.E. 1926
McConnon, James, B.A. 1925
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922) 1928
Macdonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917) 1917
†McDonald, Gilbert Sherman, B.A. .. 1930
†Macdonald, Keith Alexander, LL.B. 1932
†McDonald, Percy William, B.A. .. 1932
McDonald, Ross, LL.B. 1913
McDonnell, Eileen Mary, B.A. .. 1929
McEachern, Alistair Campbell, M.B., B.S. 1926
McEachern, Morven, B.D.S. 1927
McEwin, John Neil, LL.B. 1928
McEwin, Keith, M.B., B.S. 1912
MacFarland, Sir John Henry, LL.D. (R.U.I., 1892) 1926
McGee, John, LL.B. 1922
Macghey, Mary Veta, M.A. 1930
McGlashan (nee Gardner), Mary Beatrice, B.A. 1909
McGlashan, John Eric, M.B., B.S. .. 1909
McGlew, Phyllis Dorothy, M.B., B.S. 1918
McIntosh, Howie James, B.E. .. 1927
Mack, Hans Hamilton, B.A. 1880
McKail (nee Boyer), Gertrude Mary, B.A. 1912
Mackail, John William, LL.D. (Edinburgh, ... 1923
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) 1924
McKay, Douglas Gordon, M.B., B.S. 1927
†McKay, Malcolm William, B.A. .. 1931
Mackay, Samuel Angus, B.Sc. .. 1921
McKechnie, Alan Francis Clark, B.E. 1924
McKechnie, Elizabeth Lawson, B.A. 1926
McKenzie. Donald Keith, M.B., B.S. 1927
Macklin, Ellen Dulcie, M.Sc. .. 1927
Maclaren, Peter Patrick, B.A. .. 1915
McLaughlin, Eugene, M.B., B.S. .. 1922
McLean, Albert Eric, M.A. 1931
McLean, Dorothy Alice, B.A. .. 1927
†McLean, Leonard Allan, M.B., B.S. 1932
†McLean, Reginald Alexander, B.A. .. 1932
Maclennan, James Sydney Kilcoy, LL.B. 1906
McMutrie, Colin, B.A. 1925
McNeil, Ian (formerly John), M.B., B.S. 1918
McPherson, Alexander Owen, B.Sc. B.A. 1926 1931
Maddeford, Sheila Lamont, LL.B. .. 1927
Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924) 1926
Madigan, Cecil Thomas, B.E. (B.Sc. 1910, surrendered for B.E., 1932) 1932
M.A. (Oxford, 1922) 1922
Madigan, Paul Edward, LL.B. .. 1922
Madsen, John Percival Vissing, B.Sc. (Sydney, 1900) 1901
D.Sc. 1907
†Maegraith, Brian Gilmore, M.B., B.S. 1930
Magarey, Archibald Campbell, M.S. (M.B., B.S., 1907) 1912
Magarey, Cromwell, M.B., B.S. 1889
Magarey, Ivan Sandilands, M.B., B.S. 1927
Magarey, Kathleen de Brett, B.A. 1921
B.Sc. 1932
Magarey, Rupert Eric, M.B., B.S. .. 1904

† Not yet Members of the Senate.

Magor, Clifford James, M.A. 1932
Maiden, Leslie Carrington, B.D.S. .. 1924
Main, Arthur Charles, B.E. 1926
†Maitland, James Angus, LL.B. .. 1932
Makin, Frank Humphrey, M.B. (Melbourne, 1901) 1906
Mallan, James Michael, B.D.S. .. 1923
Mallen, Leonard Ross, M.B., B.S. .. 1925
Maloney Martin James, B.E. 1928
Maloney, Vernon Thomas Steven, B.Sc. 1929
Mander, Linden Alfred, M.A. 1920
Mangan, John Arthur Leslie, LL.B. 1927
Mann, Gertrude Irene, B.A. 1919
Mara, Margarita Anna Flora, B.A. 1926
Marmion, Robert James, B.Sc. .. 1918
Marryat, Cyril Beaumont, B.Sc. .. 1898
Marryat, Ernest Neville, B.A. .. 1888
Marshmann, Wesley Melvyn Tiller, B.D.S. 1924
Marten, Robert Humphrey, M.B. (Cambridge, 1888) 1888
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912) 1913
Martin, Alfred Irwin, B.E. 1928
†Martin, Amalia Anna, B.A. 1930
Martin, Sir Charles James, D.Sc. (London, 1896) 1931
Martin, Frederick Clarence, M.A. .. 1932
Martin, John Claude, LL.B. 1905
†Martin, Lincoln William, M.B., B.S. 1931
Martin, Victor Garfield, B.E. (B.Sc., 1904, surrendered for B.E., 1915) 1915
Martin, William Thomas, B.A. .. 1914
Masson, David Orme, D.Sc. (Edinburgh, 1884) 1914
Masters, Frederick George, M.A. (Cambridge, 1898) 1900
Masters, Ross Lincolne, B.Sc. .. 1924
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) .. 1929
Matthews, Harold Pflaum, B.E. .. 1927
Matthews, Richard Twitchell, B.A. (London, 1883) 1884
Mawby, Olga Gates, B.A. 1922
Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) 1909
May, Jack William, B.Sc. 1927
May, Leonard Seymour, B.Sc. .. 1926
Mayo, George Elton, M.A. 1926
Mayo, Helen Mary, M.D. (M.B., B.S., 1902) 1926
Mayo, Herbert, LL.B. 1909
Mayo, John Christian, M.B., B.S. .. 1913
Mayo, Mary Penelope, B.A. 1912
Mead, Cecil Silas, B.A. 1887
M.B., B.S. 1891
Mead, Dorothy, B.A. 1927
Melbourne, Alexander Clifford Vernon, M.A. 1921
Melbourne, Henry Eoin Sydney, B.E. 1920
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) 1925
Mellor, Thomas Reginald, LL.B. .. 1920
Melrose, Alexander, LL.B. 1886
Melville, Sidney John, LL.B. .. 1921
Menear, Ira, B.A. 1927
Menz, Anna Magdalene Augusta, B.A. 1918
†Menz, Emmi Margarete, B.A. .. 1932
Messent, Esther Mary, B.A. 1928
Messent, Keith Santo, B.E. 1920
Messent, Philip Santo, M.S. (M.B., B.S., 1918) 1923
†Meyer, Heinerich Carl, B.Sc. 1932
Michell, Charles Francis, M.B., B.S. 1921
Miethke, Adelaide Laetitia, B.A. .. 1924
Milesi, Angelo John, B.Sc. 1927
Miller, Beryl Jessica, B.A. (Tasmania, 1923) 1924
†Miller, Malcolm William, M.B., B.S. 1932
Miller. Margaret Una, B.A. 1928
Miller, Raymond Orlando Maurice, B.A. 1905
Millhouse, Eric William John, LL.B. 1915
Mills, Dorothy Nell, B.A. 1928
Mills, Eric Baxter, B.E. 1929
Milne, Kenneth Harvey, B.E. .. 1925
Minahan, Agnes Cecelia, B.A. .. 1927
Minchin, Edward James, B.A. (Dublin, 1879) 1894
†Mitchell, Donald Thomas, B.E. .. 1930
Mitchell, Ernest Edwin, Mus. Bac. .. 1923
Mitchell, Frank Wyndham, B.Sc. .. 1927
Mitchell, George Thomas Jeffrey, M.A. 1932
Mitchell, James Thomas, M.D. (Aberdeen, 1885) 1885
Mitchell, Mark Ledingham, B.Sc. .. 1923
Mitchell, Percival Harris, B.A. .. 1906
Mitchell, Sir William, M.A. (Edinburgh, 1886) 1895
Mitton, Ronald Gladstone, M.Sc. .. 1928
Moffat, May Josephine, M.B., B.S. 1911
Moncrieff, Josephine Hartley, B.A. 1911
Moncrieff, Mary Kathleen, B.A. .. 1910
Monfries, John William Elliott, B.D.S. 1924
Mongan, Horace John, B.E. 1918
†Moodie, Robert Beresford, LL.B. .. 1931
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) 1926
Moore, Bertie Harcourt, M.E. (B.Sc., 1900, surrendered for B.E., 1913) 1913
D.Sc. 1931
Moore, Brian Formby, M.B., B.S. .. 1917
Moore, Donald Rex, B.Sc. 1922
Moore, George Douglas, B.Sc. .. 1904
†Moore, Humphrey Owen, B.Sc. .. 1932
Moore, Phyllis Mary, B.A. 1909
Moreland, Jack, M.B., B.S. 1926
Morey, Geoffrey Wilson, M.B., B.S. 1926
Morgan, Alexander Matheson, M.B., B.S. 1890
Morgan, Edward James Ranembe, LL.B. 1920
†Morgan, Olwen Esther, B.A. .. 1930
†Morgan, William Matheson, B.E. .. 1930
Morris, Hildred Ione, B.A. 1929
Morris, Lyndall Erica, B.A. 1924
Morris, Mervyn Charles, LL.B. .. 1923
Morriss, Elsie, M.A. 1931
Morton, Christopher Gordon, B.E. .. 1924
Motteram, Philip, B.E. 1914
Moulden, Arnold Meredith, LL.B. .. 1914
Moulden, Owen Meredith, M.B., B.S. 1910
Moule, Edward Ernst, M.B., B.S. .. 1893
Mounster, Valerie Luella, B.A. .. 1928
Moyes, John Stoward, M.A. 1907
Moyes, Morton Henry, B.Sc. 1910

† Not yet Members of the Senate.

Moyle, Sidney, M.A. 1917
B.Sc. 1926
Mudie, George Dempster, B.E. .. 1921
Muecke, Berkeley Sunter, M.B., B.S. 1926
Muecke, Francis Frederick, M.B., B.S. 1902
Mugford, Frank Kenneth, M.B., B.S. 1925
†Muirden, Hector Raymond, B.A. .. 1930
Muirden, William, B.A. 1910
*Muirhead, John Robb, M.B., B.S. .. 1908
Muirhead, Leonard Graeme, M.B., B.S. 1911
Munday, Neill Horace, M.B., B.S. .. 1924
Munn, Bertha Helen Temple, B.A. .. 1917
Murphy, Evangeline, B.A. 1907
Murray, Beatrice Jean, M.Sc. .. 1931
Murray, Sir George John Robert, B.A. 1883
Mutton, Henry Edwin Howard, M.A. 1922
†Myers, Irene Mary, B.A. 1931

N.

Nairn, Alexander Livingstone, M.A. 1905
Nairn, William Archibald Jeck, M.B., B.S. 1927
Nankivell, John Thomas, B.A. (Cambridge, 1871) 1877
Napier, Thomas John Mellis, LL.B. 1902
Naylor, Henry Darnley, M.A. (Cambridge, 1894) 1906
Naylor, John Colenso, LL.B. .. 1923
Naylor, Margaret Mary Jessie Darnley, B.A. 1920
Naylor, Rupert Leslie, M.B., B.S. 1924
Nelligan, Joseph William, LL.B. .. 1921
Nelson, William Barton, B.E. .. 1924
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896) 1902
Newman, Edgar Harold, LL.B. .. 1894
Newman, Lewis Arthur, B.Sc. .. 1925
Newman, Olive Gertrude, B.Sc. .. 1909
Nicholls, Jonathan Kingsley, B.A. .. 1924
Nicholls, Leslie Herbert, B.A. .. 1893
Nicholson, Hugh John Gay, B.E. .. 1916
Nietz, Herbert Walter, M.A. (B.Sc., 1921) 1918
Nobes, Edith Dorothy, B.Sc. .. 1921
Noblett, Hedley Lindsay, B.A. .. 1926
Noltenius, Harry Edward, B.A. .. 1902
Norman, William Ashley, LL.B. .. 1911
Northey, James Douglas, B.A. .. 1919
Northmore, Sir John Alfred, LL.B. .. 1887
Nott, Harry Carew, M.B., B.S. .. 1913

O.

†Oats, William Nicolle, B.A. 1932
O'Brien, John Phillip, M.B., B.S. (Melbourne, 1917) 1922
O'Connell, William Bernard, B.A. .. 1928
†O'Connor, Richard Joseph, M.B., B.S. 1932
O'Donnell, John Andrew, D.D.Sc. (B.D.S., 1921) 1924
O'Donoghue, Stephen Kevin, B.A. .. 1912
Ohlstrom, Leonore Annie, B.A. .. 1929
Oldfield, Frederick Bernam, B.Sc. 1923
Oldham, Marjory (nee Anderson), B.A. 1915
Oldham, Wilfrid, M.A. 1920
Oliphant, Marcus Lawrence Elwin, B.Sc. 1923
†O'Malley, Charles Ernest Denis, B.E. 1932
Opie, Thomas Schulz, B.A. 1923
Olsson, Athol Julius, LL.B. 1920
O'Neill, Sydney, M.B., B.S. 1917
Orrock, Ena Beatrice Faith, B.A. .. 1926
Osborn, Edith May, B.Sc. (M.Sc., Manc., 1908) 1912
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manc., 1911) .. 1912
Othams, Dorothy Elizabeth, B.A. .. 1925
Owens, Arthur John, B.Sc. 1926

P.

Padman, Clara Helen, B.A. 1904
Padman, Edward Clyde, B.A. .. 1897
LL.B. 1900
Padman, Marsden Waterhouse, B.E. 1923
†Padman, Maurice Skipsey, B.A. .. 1931
Page, Albert Edward, B.A. 1914
Paine, Herbert Kingsley, LL.B. .. 1904
Paltridge, Terence Brady, B.Sc. .. 1926
†Parker, Cecil David, B.Sc. 1932
†Parker, Mina Evelyn, B.A. 1930
Parkhouse, Devon, M.B., B.S. .. 1907
Parkin, George Robert, LL.D. (McGill. Canada) 1903
†Parry, Doris, B.A. 1931
Parsons, Edward Clarence, B.A. .. 1926
Parsons, Harold Stephen, Mus. Bac. 1912
Parsons, Herbert Angas (Warden of the Senate), LL.B. 1897
Parsons, Philip Brendon Angas, LL.B. 1928
Parsons, Rex Whaddon, M.E. .. 1926
†Pash, Hannah Rita, B.A. 1930
Patchell, Mary Emma, B.A. 1906
B.Sc. 1907
†Paterson, Keith McGregor, B.E. .. 1932
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) 1915
Paton, Alfred Maurice, B.Sc. .. 1898
Paton, Dora Isabel, B.Sc. 1902
Patrick, Elsie Furneaux, Mus. Bac. 1925
Pattinson, Baden Powell, LL.B. .. 1921
Paull, Alec Gordon, B.Sc. 1920
M.A. 1932
Pavia, Roy Rowling, B.A. 1913
Pavy (nee Proud), Emily Dorothea, B.A. 1906
Pavy, Harold Keith, M.B., B.S. .. 1919
Payne, Louise Mary Gwythyr, B.A. 1914
Paynter, Ralph Horwood, M.A. .. 1912
*Pearson, Henry Ernest, B.Sc. .. 1904
B.A. 1913
Peirce, Alan Wilfred, B.Sc. 1924
Pellew, Henry Edwin, M.B., B.S. 1924
†Pellew, Janie Christobel, B.D.S. .. 1932
Pellew, Lancelot Vivian, LL.B. .. 1922
Pellew, Leonard James, M.B., B.S. 1906
†Pellew, Leonard James Ternouth, M.B., B.S. 1932
Penck, Albrecht, D.Sc. (Oxford, 1907) 1914
†Pengilly, Clifford Kipling, B.E. .. 1930
Penny, Harold John, M.B., B.S. .. 1918
Penny, Hubert Harry, M.A. 1932

* Deceased.
† Not yet Members of the Senate.

Pennycuick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) .. 1923
Perkins, Horace James, Mus. Bac. .. 1928
Peters, Geoffrey Ernest, B.A. 1925
M.B., B.S. 1927
†Pfitzner, Eric Norman, B.A. 1930
Phillipps, Herbert Tarlton, B.Sc. .. 1905
Phillips, Charles Leslie. B.D.S. .. 1926
Phillips, Ernest, LL.B. 1908
Phillips, James Howard, B.Sc. .. 1902
†Phillips, Walter Raymond, B.D.S. .. 1930
Phillips, Walter Ross, LL.B. (Cambridge, 1878) 1883
Phillips, William James Ellery, M.B., B.S. 1915
Phillipson, Coleman, LL.D. (Manchester, 1908) 1920
Pick, Sidney, LL.B. 1929
Pickering, Arthur Lawrence, LL.B. . 1925
Pinch, Allan Love, LL.B. 1911

Piper, Clarence Sherwood, M.Sc. .. 1928
Piper, Cyril Thomas, M.B., B.S. .. 1924
Piper, Flora Elizabeth, B.A. 1924
Piper, Francis Ernest, LL.B. .. 1921
Piper, Harold Bayard, LL.B. 1914
Pitcher, Cyril Frederick, M.B., B.S. 1911
Pitcher, Maurice Knight, B.Sc. .. 1925
Pitt, Arthur William, M.A. 1915
Pitt, George Henry, B.A. 1920
Pitt, Marjorie Una, B.Sc. 1925
Playford, Maxwell Ernest, M.E. .. 1928
†Plimmer, Geith Alfred, B.A. 1930
Plummer, Rex Garnet, M.B., B.S. 1906
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
Pobjoy, Alice Blake, B.A. 1918
Pocock, Robert Bakon, B.A. .. 1921
Pohlman, William Frederick Claude, B.Sc. 1926
Polkinghorne, Kate Elinor, B.A. .. 1931
Polson, Reginald Alexander, B.E. 1929
Pomroy, Harry Roy, M.B., B.S. .. 1918
Pomroy, Richard Osborne, B.E. .. 1923
Poole, Dorothea Landon, M.A. .. 1906
Poole, Frederic St. John, M.B., B.S. 1909
Poole, Frederick Slaney, M.A. (Cambridge, 1875) 1877
Poole, Gilbert Graham, B.Sc., B.E. 1921
Poole, Henry John, M.A. (Oxford, 1856) 1877
Porter, John Ellison, M.B., B.S. .. 1925
Postle, Herbert Thomas, LL.D. (Melbourne, 1920) 1922
Potter, Roy Adolph, M.A. 1923
Potts, Ethelwyn, B.A. 1909
Potts, Frank Roland, B.Sc. 1922
Potts, Gilbert Macdonald, M.A. .. 1915
Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913) 1913
Powell, Harold, M.B., B.S. 1913
Powell, Henry Arthur, M.B., B.S. .. 1891
Powell, Kathleen Naomi, B.A. .. 1925
Powell, Miriam Athalie, B.A. .. 1927
Power, John Leslie, LL.B. 1922
Preedy, Winifred Edna, B.D.S. .. 1927
†Prescot, Rupert Warre, B.A. .. 1930

Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1908) 1924
D.Sc. 1932
Prest, Henry Gordon, M.B., B.S. .. 1925
Preston, Tom, B.E. 1924
Price, Archibald Grenfell, M.A. (Oxford, 1919) 1920
D.Litt. 1932
Price, Arthur Jennings, LL.B. .. 1899
†Price, Charles William Russell, M.B., B.S. 1932
†Price, James Robert, B.Sc. 1932
Price, Walter John, B.A. 1914
Pridmore, Roy Vernon, B.Sc. .. 1925
M.B., B.S. 1929
Priest, Amy Grace, M.A. 1923
Prince, Erica Lloyd, B.A. 1913
Proud, Millicent Farrer, M.A. .. 1915
†Pryor, Cecilia Marie, Mus.Bac. .. 1932
†Pryor, Eric John, B.A. 1931
Pryor, William Arthur, M.B., B.S. 1919
Puddy, Maude Mary, Mus. Bac. .. 1905
Pulleine, Robert Henry, M.B. (Sydney, 1898) 1913
Purton, David Gabriel, M.A. 1918
Pyne, Maurice Ignatius, M.A. .. 1930

Q.

Quinn, Thomas Vincent, M.B., B.S. 1923

R.

Randell, Allan Elliott, M.B., Ch.B. (Melbourne, 1897) 1897
Rankin, Mervyn Alexander, M.Sc. .. 1931
Rawlings, Joseph Henry, M.D. (Edinburgh, 1866) 1877
Ray, William, M.B., B.S. 1906
B.Sc. (Oxford, 1909) 1914
Ray, Walter Vernon, LL.B. 1907
Rayner, George Percival, B.A. .. 1920
Rayner, William Henry, B.A. .. 1907
Raynor, Philip Edwin, M.A. (Oxford, 1882) 1890
†Read, Philip Andreas, B.A. 1930
Reed, Eileen Ruth Lathlean, B.Sc. 1919
Reed, Geoffrey Sandford, LL.B. .. 1913
Reed, Mary Ethel Hayter, M.B., B.S. 1924
Reed, Thomas Thornton, M.A. (Melbourne, 1927) 1929
Rees, Harold Mitchell, M.B., B.S. 1924
Reeves, Rupert Kirk, M.B., B.S. .. 1926
Reichstein, Lance Eric Harold, B.E. 1922
Reid, Arthur Douglas, M.B., B.S. .. 1924
Reid, Frederick William, B.Sc. .. 1914
Reid, John Tennyson, LL.B. 1919
†Reid, William Lister, M.B., B.S. .. 1931
Reilly, Patrick John, M.B., B.S. .. 1928
Reimann, Arnold Luehrs, B.Sc. .. 1919
Reimann, Valesca Leonore Olive, M.A. 1914
Reissmann, Charles Henry, M.D. (Cambridge, 1902) 1902
†Rendell, Alan, B.A. 1930
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913) 1919

† Not yet Members of the Senate.

Reynolds, Beatrice Mary Heywood, B.A. 1924
Reynolds, John Heywood, B.A. .. 1928
†Rice, John David, M.B., B.S. .. 1930
Rice, Patrick William, M.B., B.S. 1915
Richards, Archibald Charles, M.A. 1927
Richards, Cecil Albert, M.A. 1929
B.Sc. 1931
Richards, Clarence, B.Sc. 1915
M.B., B.S. 1919
†Richards, Dudley Lewis, LL.B. .. 1931
Richards, Eva Gertrude, B.A. .. 1914
Richards, Frederick William, LL.D. (London, 1896) 1897
Richards, Henry Caselli, D.Sc. (Melbourne, 1915) 1926
†Richards, William Edward, B.A. .. 1932
Richardson, Arnold Edwin Victor, M.A. 1910
B.Sc. 1908
Riedel, Melita Wanda, Mus. Bac. .. 1920
Rieger, Clarence Oscar Ferrero, M.B., B.S. 1919
Riley, Mabel, B.A. 1908
Rischbieth, Harold, M.D. (Cambridge, 1909) 1920
Rischbieth, Oswald Henry Theodore, B.A. 1909
Roach, John Carlyle, B.E. 1921
Roach, Kenneth Douglas, B.A. .. 1923
Roberts, Arthur Bruce, LL.B. .. 1922
Robertson, Clara Enid, B.A. 1929
Robertson, Iris Esther, M.A. .. 1925
Robertson, Lionel Joseph, B.A. .. 1896
Robertson, Sydney Clifford, B.Sc. B.E. 1922
Robertson, William, M.B. (Melbourne, 1882) 1924
Robin, Charles Ernest, B.A. 1905
Robin, Percy Ansell, B.A. 1886
M.A. (London, 1885) 1880
Robin, Rowland Cuthbert, M.E. .. 1885
Robinson, Edgar, LL.B. 1932
Robinson, Sir Roy Lister, B.Sc. .. 1912
Robjohns, Annie Joan, B.A. 1903
†Robjohns, Henry Collin, M.B., B.S. 1923
Robjohns, Leonard, B.A. (Sydney, 1894) 1932
Rochlin, Aaron, LL.B. 1920
Rochlin, Elijah, LL.B. 1921
Rodger, Geoffrey James, B.Sc. .. 1928
Rodgers, Frances Ada, B.A. 1915
Rogers, Irene Blanche, M.A. 1928
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923) 1932
Rogers, Richard Sanders, Ch.M. (Edinburgh, 1887) 1925
M.D. (Edinburgh, 1896) 1891
M.A. 1897
Rogers, Theodore Stansfield, B.E. .. 1897
Rolland, James Alexander, M.B., B.S. 1928
Rollison, John William, M.B., B.S. 1917
Rooney, Clifford, B.Sc. 1925
Rooney, Patrick William, LL.B. .. 1929
Rosman, Frank Edgar, B.Sc. .. 1922
Ross, Alexander David, D.Sc. (Glasgow) 1908
Ross, Dudley Bruce, LL.B. 1926
Rossiter, James Leonard, B.A. .. 1914
Rowe, Edgar Percival, B.A. 1912
Rowe, Ernest Thomas, B.Sc. 1914
Rowley, Frederick Pelham, LL.B. 1920
Rudall, Reginald John, LL.B. .. 1887
†Rudd, Eric Aroha, B.Sc. 1906
Russell, Alfred Burgess, M.B., B.S. 1930
Russell, Ernest Albert Harold, M.B., B.S. 1919
Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) .. 1911
M.D. 1899
†Ryan, Francis James, M.B., B.S. .. 1905
1930

S.

Sabine, Ernest Maurice, LL.B. .. 1891
†Saddler, Bruce Allder, B.E. 1931
Salter, Douglas Munro, M.B., B.S. .. 1926
Samuel, Geoffrey, M.Sc. 1926
Sanders, Grace Annie, B.A. 1920
Sanders, Harold William, B.A. .. 1912
Sanders, Isabel Mary, B.A. 1905
Sandery, Charles Arthur, LL.B. .. 1921
Sandison, Alexander, M.B. (Edinburgh, 1906) 1906
†Sangster, Christopher Bagot, M.B., B.S. 1931
Sangster, John Clive, M.B., B.S. .. 1927
Sargent, Rex James, M.B., B.S. .. 1929
Sarre, Vera Georgina, B.A. 1917
Saunders, Pepita Cerda, LL.B. .. 1925
Savage, Arthur Charles, M.B., B.S. 1928
Sawley, Darrell Frederick, B.Sc. .. 1929
†Scales, William Arthur, LL.B. .. 1930
Scarlett, Robert Dalley, Mus. Bac. 1926
Schache, Alma Olga Antonia, B.A. 1909
Schafer, Carl Hannaford, M.B., B.S. 1919
Schafer, Max Ernest Hannaford, B.D.S. 1923
Schneider, Michael, M.B., B.S. .. 1925
Schneider, Walter Hermann, B.E. .. 1920
Schneider, Wilfred, B.E. 1922
Schneider, Wilfred Carl, M.A. .. 1932
Schroder, Mary Alice, M.A. (Melbourne, 1902) 1919
Schulz, Adolf John, B.A. 1905
M.A. (Ph.D., Zurich, 1908) .. 1909
†Schulz, Ernst Adolph, B.E. 1931
†Scollin, James, B.D.S. 1932
Scott, Alfred Eric, M.Sc. 1928
Scott, Douglas Comyn, LL.B. .. 1888
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913) 1913
Searle, Frederick John, B.A. 1902
†Searle, Hartley Malcolm, B.A. .. 1932
Segnit, Ralph Walter, B.Sc. (Oxford, 1922) 1922
Sellers, Ada, B.A. 1928
Semmens, Francis John, B.Sc. .. 1928
Senior, Lionel Rupert, B.Sc. 1929
†Seppelt, Ian Howe, B.Sc. 1932
Sewell, Charles Edward, LL.B. .. 1886
†Sexton, Edgar Raymond, B.A. .. 1931
Shanahan, Patrick Francis, M.B., B.S. 1893
Shanahan, Patrick William, M.B., B.S. 1928
Sharman, Arthur Edward, B.E. .. 1926
Sharman, Florence Mary, M.A. .. 1919

† Not yet Members of the Senate.

Sharman, Ethel Olive, B.A. 1915
†Sharpe, Edmund John, B.E. 1932
Shaw, Alice Mary Stockdale, B.A. 1929
Shaw, James Barry, B.Sc. 1904
†Shaw, John Robert Stockdale, B.A. 1930
Shaw, Kate Hambly, B.A. 1923
†Shearer, Clifford George Tregea. B.A. 1931
Shedley, Alfred Charles, B.Sc. .. 1919
Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) 1926
†Shepherd, Geoffrey Lincoln, LL.B. .. 1930
Shepherd, John Alfred, B.A. 1929
Shepley, Arthur Raymond, B.Sc. .. 1923
B.E. 1924
Shepley, Leslie Herbert Hamilton, LL.B. 1909
Shipway, Graham Stuart, M.B., B.S. 1916
Shierlaw, Howard Alison, LL.B. .. 1902
Shoobridge, Ivan, LL.B. 1929
Shorney, Herbert Frank, M.D. (Melbourne, 1903) 1909
Short, Kerwin Alfred Robert, B.E. 1927
Shuter, Richard Ernest, M.B. (Melbourne, 1891) 1895
Sieber, Clarence Bertram, B.E. .. 1926
†Simpson, Alfred Moxon, B.Sc. .. 1930
Simpson, Hugh Denney, B.Sc. .. 1920
B.A. 1921
Sinclair, Walter Gordon Clyde, B.Sc. 1923
Sinclair, William Malcolm, M.B., B.S. 1911
Skewes, Edward Foster, LL.B. .. 1917
Skipper, Stanley Herbert, LL.B. .. 1901
†Slattery, Mary, B.A. 1931
†Slee, Dugald Haughton, B.Sc. .. 1930
B.A. 1932
Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915) 1927
Smeaton, Bronte, M.B., B.S. .. 1896
Smeaton, Bronte Creagh, M.B., B.S. 1928
Smith, Aloysius Daly Virgilius, M.B., B.S. 1928
Smith, Daisy Maude, B.A. 1922
†Smith, David Carswell, B.A. 1931
Smith (nee Gardner), Edith Josephine Viner, B.A. 1906
Smith, Frank, B.Sc. 1903
Smith, Gordon Wearing, M.B., B.S. 1925
Smith, Grafton Elliott, M.D. (Sydney, 1895) 1914
Smith, Harold Whitmore, B.E. (B.Sc., 1906, surrendered for B.E., 1913) 1913
†Smith, Iris Eileen, B.A. 1930
Smith, James Wearing, B.E. 1924
Smith, John Edgar, B.Sc. (Victoria, 1901) 1919
Smith, John Fife, B.A. 1929
†Smith, John Jeffreys, LL.B. 1932
Smith, Julian Augustus Romaine, B.Sc. 1892
M.S. (M.B., B.S., Melbourne, 1901) 1908
Smith, Kenneth William Algernon, B.Sc. 1923
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914) 1914
Smith, Mary, M.A. 1932
Smith, Raydon Berry, B.E. 1917
†Smith, Raymond Thomas, B.Sc. .. 1932
Smith, Robert James Brazil, B.D.S. 1921
Smith, Roy Frisby, LL.B. 1922
Smith, Sydney Talbot, LL.B. (Cambridge, 1884) 1886
Smith, Tom Elder Barr, B.A. (Cambridge, 1885) 1924
Smith, Walter Leonard, M.B., B.S. 1914
Smith, William Ramsay, B.Sc. (Edinburgh, 1888) 1903
M.B. (Edinburgh, 1892) 1904
D.Sc. 1904
Smyth, Isabel Agnes Ekin, B.A. .. 1905
Snewin, Gwendoline Marjorie Jean, B.A. 1925
Snow, Wilfred Rippon, B.E. 1914
Sollas, William Johnston, D.Sc. (Cambridge,) 1914
Solomon, George Herbert, M.B., B.S. 1927
Solomon, Isaac Herbert, B.A. .. 1895
LL.B. 1898
Solomon, Judah Moss, B.A. 1888
LL.B. 1891
Solomon, Susan Selina, B.Sc. .. 1890
Solomons, Barnet, M.B., B.S. .. 1922
Somerville, Archibald Shierlaw Ralph, LL.B. 1922
Somerville, Dorothy Christine, B.A. 1918
LL.B. 1921
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919) 1919
Somerville, Sesca Lewin, B.A. .. 1916
Sorrell, Margaret Walter, B.A. .. 1925
Souter, John Francis, M.B. (Aberdeen, 1889) 1897
Souter, Robert John de Neufville, M.B., B.S. 1923
Southcott, Jean Wauchope, B.A. .. 1921
Southwood, Albert Ray, M.D (M.B., B.S., 1916) 1920
M.S. 1925
†Southwood, Harry Milton, M.B., B.S. 1932
†Spargo, Stanley Carr, B.A. 1931
†Sparrow, Lorna Discombe, B.A. .. 1930
Spehr, Carl Louis, LL.B. 1895
†Sprigg, Charles Mosse, B.E. .. 1930
Sprod, Milo Weeks, M.B., B.S. .. 1908
Stanford, William Bedell, M.A. (Oxford, 1864) 1879
Stanley, Laurence John, LL.B. .. 1925
Statton, Arthur Knight, B.Sc. .. 1922
Statton, Josiah William, B.Sc. .. 1921
Steele, David Macdonald, M.B., B.S. 1909
Steele, Donald Macdonald, M.B., B.S. 1919
Steele, Kenneth Nugent, M.B., B.S. 1914
Stephens, Charles Francis, B.Sc. .. 1897
Stephens, Ella Mary, B.A. 1915
Stephens, Eric Goyne, B.Sc. .. 1912
Stephens, Lillian Mary Theakston, B.A. 1907
Steven, Walter Edward, M.B., B.S. 1920
Stevens, Aubrey Clement, M.A. .. 1923
Stevens, Edgar Loveday, LL.B. .. 1919
Stevenson, Frances Aimee, B.A. (Tasmania, 1923) 1926
Stewart, Colin Gore, B.A. 1914
Stewart, John McKellar, M.A. (D. Phil., Edinburgh, 1911) 1923

† Not yet Members of the Senate.

Stirling, Sir John Lancelot, LL.B. (Cambridge, 1871) 1877
Stoate, Theodore Norman, B.Sc. .. 1918
Stobie, James Cyril, M.E. 1932
Stockbridge, Edgar Lambert, B.E. 1924
Stoddart, Harold William Downing, M.B., B.S. 1911
Stokes, Alfred Francis, M.B., B.S. 1904
Stokes, Edward, B.A. 1903
Stolz, Kate Sophie, B.A. 1909
Stow, Francis Leslie, LL.D. .. 1909
Strachan, James Charles Power, M.B., B.S. 1914
†Strehlow, Theodor Georg Heinrich, B.A. 1931
Streich, Carl Ivo, M.B., B.S. .. 1919
Stribley, Edwin John, M.A. .. 1925
Stribling, Ada Florence, B.A. .. 1925
Stuart, Noel Harry, B.Sc., B.E. .. 1928
Stuckey, Edward Joseph, B.Sc. .. M.B., B.S. 1895 1903
Stuckey, Francis Seavington, B.Sc. 1896
Stuckey, Rupert Bramwell, LL.B. .. 1898
†Sudholz, Herbert Frederick, B.D.S. 1930
Summers, Frank Henry, B.Sc. .. 1923
Sumner, Donald James Robert, M.B., B.S. 1922
Suter, Alfred Charles, B.Sc. (Liverpool, 1910) 1912
Swan, Warren Alexander, B.A. .. 1905
Swann, Eric John, M.B., B.S. .. 1924
†Swanson, Thomas Baikie, B.Sc. .. 1932
Swayne, Joseph, B.A. (Nat., Ireland, 1915) 1921
Sweeney, Gordon, B.E. 1924
Sweeney, James Gladstone, M.B., B.S. 1915
†Sweeney, Mary Ryan, B.A. 1932
Swift, Brian Herbert, M.B., B.S. (Cambridge, 1916) 1920
Swift, Harry, M.D. (Cambridge, 1887) 1888
Swift, Harry Houghton, B.E. .. 1915
Symon, Charles James Ballaarat, M.A. (Oxford, 1919) 1932
Symonds, Edwin Joseph Truman, B.E. 1926
Symonds, George Burnett Lionel, B.E. 1919
Symonds, Wybert Milton Caust, B.Sc. 1925
Symons, Clifford Thomas, B.A. .. 1929
Symons, Eric Lindsay, M.B., B.S. 1917
Symons, Frederick William, B.E. .. 1926
Symons, Lloyd Alfred Grigg, B.A. 1928
Symons, Reginald Albert, LL.B. .. 1927

T.

†Tanner, Garnet Albert, B.E. 1932
Tanner, George Pelham, B.A. (Oxford, 1908) 1912
Tapp, Adrian Lynda, B.A. 1928
Tassie, Gemmel, M.B., B.S. 1926
Tassie, Jean Reid, B.A. 1914
Tassie, Leslie Gemmel, M.B., B.S. 1912
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered for B.E., 1918) 1918
Tassie, Thomas Wilson, M.B., B.S. 1924
†Taylor, Donald William, B.E. .. 1931
†Taylor, Herbert Richard, B.A. .. 1932
Taylor, Robert Herbert George, B.D.S. 1929
†Taylor, Trevor Roy, LL.B. 1932
Terrill, Frederick Edward, M.B., B.S. 1922
†Teusner, Berthold Herbert, LL.B. .. 1931
Terrill, Samuel Ernest, B.Sc. .. 1927
Thomas, Arthur Nutter, M.A. (Cambridge, 1895) 1906
†Thomas, David Austin Grenfell, LL.B. 1931
†Thomas, David John Saint, B.E. .. 1932
Thomas, Edward Brooke, M.B., B.S. 1911
Thomas, Marjorie Phyllis Casley, M.B., B.S. 1927
Thomas, Richard Grenfell, B.Sc. .. 1924
Thomas, William Lancelot, B.A. .. 1925
Thompson, Jean Fleming, B.A. .. 1923
Thompson, Thomas Alexander, B.Sc. 1896
Thompson, Harry, LL.B. 1909
Thomson, James Simpson, B.Sc. .. 1906
B.A. 1921
Thomson, Linda Lovibond, B.D.S. 1926
†Thomson, Sydney William, B.D.S. 1930
Threadgill, Bessie, B.A. 1929
Thredgold, Beatrice Marie, B.A. .. 1928
Thrum, Edward Allen, B.Sc. .. 1921
B.E. 1924
Thrush, Harry Clifford, B.A. .. 1915
Thyer, Alexander Maitland, B.E. .. 1924
Thyer, Frederick Lewis, M.B., B.S. 1923
†Thyer, Robert Francis, B.Sc. 1932
Tidemann, Frederick William, B.E. 1925
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919) 1922
Tilbrook, Jabez Percy Harold, M.A. 1926
Tilley, Cecil Edgar, B.Sc. 1914
Tilley, Edith Louise, B.A. 1925
Timcke, Edward Waldemar, B.A. 1920
†Tindale, Norman Barnett, B.Sc. .. 1932
Tolley, Frank Gordon, LL.B. (Cambridge, 1889) 1901
M.A. (Cambridge, 1906) .. 1906
Tonkin, William Richards, M.B., B.S. 1921
Topperwien, Irwin, M.A. 1924
B.Sc. 1925
Torr, William George, LL.D. (Dublin, 1892) 1892
Tostevin, Alfred Ladyman, M.B., B.S. 1923
Tratman, Frank, M.D. (London, 1892) 1899
Travers, John Leo, LL.B. 1920
Tregenza, Sydney Lloyd, B.A. .. 1923
Treleaven, Walter, B.Sc. 1893
Treloar, Albert Edward Coran, LL.B. 1927
Trengove, Rosalie Irene, M.A. .. 1930
Trist, Alan Robert, B.Sc. 1926
Trudinger, Anna, B.A. 1892
Trudinger, Clara, B.Sc. 1908
Trudinger, Malcolm August, M.B., B.S. 1927
Trudinger, Martin, B.A. 1912
Trudinger, Ronald, B.Sc. 1905
M.B., B.S. 1909
Trudinger, Walter, B.A. 1892
Tuck, Bernard Edward Charles, B.A. 1922
Tuck, Harry Playford, B.Sc. .. 1915
B.E. 1920
Tucker, Harold Norman, LL.B. .. 1925
Tucker, Howard Erskine, LL.B. .. 1920
Tuckwell, Ernest Sinclair, B.A. .. 1902
†Tuckwell, Kenelm Sinclair, B.A. .. 1930
Turner, Charles Trevor, M.B., B.S. 1914

† Not yet Members of the Senate.

†Turner, Edward Robert, B.E. .. 1932
†Turner, Emily Marian, B.Sc. .. 1930
Tyas, Margaret Elizabeth, B.Sc. (London, 1905) 1905

U.

†Ure, Constance Douglas, B.Sc. .. 1930
Ure, Gwendolen Helen, LL.B. .. 1923

V.

Van Senden, Raymond Redvers, B.E. 1924
Vaughan, John Howard, LL.B. .. 1900
Vawser, John Alfred, B.E. 1926
Verco, Claude Maythorn, B.A. .. 1915
Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) 1902
Verco, Sir Joseph Cooke, M.D. (London, 1876) 1878
Verco, Joseph Stanley, M.B., B.S. 1913
Verco, Reginald John, M.B., B.S. .. 1907
Verco, Ronald Lister, M.B., B.S. .. 1928
Verco, Sydney Manton, M.B. (Sydney, 1900) 1901
Verco, William Alfred, M.B., B.S. .. 1890
Vickery, Frederick Arthur, M.A. .. 1931
Von Der Borch, Rudolph Hermann, M.B., B.S. 1926
Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) 1914

W.

Wagner, Franz William, B.Sc. .. 1928
Wainwright, Charles Leonard, B.Sc. 1900
Wainwright, John William, B.A. .. 1917
Wait, Marthe Lucy, M.A. 1922
Wait, Yvonne Lois, M.A. 1932
Wale, William Henry, Mus. Bac. (Oxford, 1874) 1896
Walker, Daniel, B.Sc. 1887
Walker, Ellen Lawson, B.Sc. .. 1899
Walker, Frances Sophia, Mus. Bac. 1908
Walker, Jane Elizabeth, B.A. (Wales) 1908
Walker, John Schomburgk, B.Sc. 1926
Walker, Mildred, B.A. 1928
Walker, William Delano, B.Sc. .. 1923
M.B., B.S. 1925
Walkley, Allan, B.Sc. 1927
Wall, Frederick Lawrence, M.B., B.S. 1914
Wallace, George Gilbert, B.A. .. 1919
Wallace, Robert Strachan, M.A. (Oxford) 1926
Wallmann, Douglas Robson, M.B., B.S. 1918
Wallmann, Reginald Horton, LL.B. 1907
Walmsley, Robert Leitch Eric, M.B., B.S. 1920
Walsh, Dorothy Counley, B.A. .. 1921
Walsh, Esmond Thomas, M.B., B.S. 1926
†Walsh, Frances Mary, B.A. 193*
†Walsh, Kevin Gerald, LL.B. 1932
Walsh, Reginald Clarence, B.E. .. 1925
Walter, Hilda Blanche May, M.A. 1915
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) 1909
Walton, Gertrude Mary, B.A. .. 1904
†Wannan, Ellen Sarah, B.Sc. .. 1930
Ward, Cyril Michael, M.A. .. 1912
Ward, Harry Lancelot, B.A. .. 1920
Ward, John Frederick, M.A. .. 1908
Ward, Kevin Leonard, LL.B. .. 1921
Ward, Leonard Keith, B.E. (Sydney, 1903) 1913
D.Sc. 1926
†Ward, Leonard Rosslyn, B.E. 1932
Warren, Sidney Lilla, B.A. 1915
Waterhouse, Arthur Greaves, LL.B. 1917
Waterhouse, Louis David, LL.B. .. 1914
Watkins, Charles Thomas, LL.B. .. 1907
†Watkins, Daisy Eileen, B.A. .. 1930
Watson, Archibald, M.D. (Paris, 1880) 1885
Watson, Arthur Harrison Edward, M.B., B.S. 1920
Watson, Percival, M.A. 1931
Watt, Fanny Eileen, M.A. 1930
Wauchope, Diosma Marie, B.A. .. 1923
†Wauchope, Frederick John, B.Sc. .. 1930
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) .. 1924
Wauchope, Mavis Lorelie, B.A. .. 1923
Webb, Arthur Liddon, M.B., B.S. 1922
Webb, John Newton, M.B., B.S. .. 1917
Webb, Noel Augustin, LL.B. .. 1886
†Webb, Rita Gwendoline, B.A. .. 1930
Weir, Isobel, B.A. 1914
Welch, Arthur Walter Sydney James, M.B., B.S. 1923
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901) 1901
Wells, Clarence Gordon, M.B., B.S. 1921
Wells, Clement Victor, M.B., B.S. 1902
Wemyss, Eleanor Evelyn Beatrice, M.A. 1924
West, Arthur George Bainbridge, M.A. (Oxford, 1892) 1897
West, Doris Mariorie, B.A. 1921
West, Eric Stodden, B.Sc. 1921
West, Esmond Frank, M.B., B.S. .. 1922
West, Gordon Roy, B.Sc. 1904
M.B., B.S. 1908
West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E., 1914) 1914
West, Reginald Arthur, M.A. .. 1905
Westgarth, Walter Tebble, M.A. .. 1929
Wheatley, Frederick William, B.A. D.Sc. 1904 1913
Wheeler, Alfred, M.A. (Cambridge) 1904
Wheeler, Harry Winslow, B.Sc. .. 1929
†Wheeler, Reginald John, M.B., B.S. 1930
Whibley, Cyril George, B.E. .. 1927
†Whitburn, Jack, B.A. 1931
White, Alan Hubert, M.B., B.S. .. 1921
White, Isabel Christian, B.A. .. 1929
White, Phyllis, B.Sc. (Sydney, 1920) 1922
White, William John, M.E. 1920
†White, William Richard Bolitho, B.E. 1932
Whitelaw, Albert James, B.Sc. .. 1929
Whitham, Annie Beatrice, B.A. .. 1905
†Whiting, Clyde Taylor, B.A. .. 1931
Whitington, Bertram, B.Sc. 1899
B.E. 1913
Whitington, Frederick Taylor, LL.B. 1886
Whitington, Louis Arnold, LL.B. .. 1911
Wibberley, Brian, Mus. Bac. .. 1911
Wibberley, Brian William, B.Sc. .. 1911
M.B., B.S. 1914
Wicks, Frederick Ralph, M.B., B.S. 1923
Wien-Smith, Geoffrey, M.B., B.S. .. 1915
*Wien-Smith, Otto, M.D. (Edinburgh, 1889) 1915

* Deceased.
† Not yet Members of the Senate.

Wigan, Leonard James Cleveland, B.E. 1921
Wigg, Neil Thorburn Melrose, M.B., B.S. 1925
Wigg, Ronald Melrose, B.E. .. 1921
Wight, Albert Raymond, B.E. .. 1914
Wight, Hugh Humphrey, B.Sc. .. 1929
B.E. 1930
Wilcher, Lewis Charles, B.A. .. 1929
†Wilkinson, Harold Callan, B.E. .. 1931
Wilkinson, Herbert John, B.A. .. 1914
Wilkinson, Thomas Lancelot, B.Sc. 1925
Willcox, Frank Mayes, M.D. (Edinburgh, 1913) 1919
Williams, Arthur Evan, M.B., B.S. 1914
Williams, Caroline Margaret, B.A. 1916
Williams, Eirene Mary, B.A. .. 1907
Williams, Francis Edgar, M.A. .. 1928
Williams, Frank Laurie, LL.B. .. 1905
Williams, James Henry, M.A. .. 1923
Williams, Mabel Evangeline, M.A. .. 1916
Williams, Matthew, B.A. 1887
Williams, Ralph, B.Sc. 1914
Williams, Spencer, M.A. 1930
Willing, Charles Eric, M.B., B.S. .. 1924
Willmott, Josiah Percival, B.Sc. .. 1907
Willsmore, Elsie Victoria, Mus. Bac. 1918
Willsmore, Hurtle Binks, B.Sc. .. 1916
Wilson, Cecil, M.A. (Cambridge, 1886) 1912
Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) .. 1900
Wilson, Harry Max, B.D.S. 1928
Wilson, James Beith, B.A. 1896
Wilson, Keith Cameron, LL.B. .. 1922
Wilson, Laurence Algernon, M.B., B.S. 1918
Wilson, Luther Ernest Crosby, B.Sc. M.A. 1926
Wilson, Thomas George, M.D. (Sydney, 1904) 1932
Wilton, Alexander Cockburn, M.B., B.S. 1904
Wilton, John Raymond, M.A. (Cambridge, 1911) 1911
D.Sc. (B.Sc., 1903) 1911
Winnall, Nancy Eleanor, B.Sc. .. 1914
Winton, Louis Joseph, B.E. (Sydney, 1901) 1919
Winwood, William Weston, B.E. .. 1920
Winzor, Frank Lovelock, B.Sc. .. 1926
Witt, Erik Hans, B.E. 1921
Wood, Gordon Leslie, M.A. (Tasmania, 1922) 1929
Wood, Joseph Garnett, M.Sc. .. 1922
Wood, Montague Couch, M.A. (Oxford, 1880) 1928
Woods, Edward Burchell, B.A. (London, 1884) 1888
Woods, Julian Gordon Tenison, LL.B. 1921
Woods, Nelly Hooper, M.A. 1918
Woolcock, Rosslyn James, M.B., B.S. 1930
Woollard, Herbert Henry, M.D. (Melbourne, 1912) 1927
Woolnough, Geoffrey Lawrence, B.E. 1927
Woolnough, Harold, B.A. 1929
Woolnough, Walter George, D.Sc. (Sydney, 1904) 1906
Wornsop, Elsie Madeline, M.A. .. 1904
Wright, Charlotte Elizabeth Arabella, B.A. 1913
Wright, George Herbert, B.A. .. 1888
Wright, Lewis Garner, LL.B. .. 1906
Wright, Norman Harvey, B.A. .. 1891
Wurm, Bertram Eric, B.A. 1927
Wyllie, Hugh Alexander, M.B., B.S. 1920
Wynes, William Anstey, LL.B. .. 1915
1929

Y.

†Yates, Colin, B.E. 1929
Yates, Donald, B.E. (B.Sc., 1915, surrendered for B.E., 1919) .. 1932
Yeatman, Charleton, M.B., B.S. .. 1919
Young, Aretas Charles William, B.A. (Oxford, 1871) 1910
Young, David Hastings, M.B. (Edinburgh) 1883
Young, Donald Scott, B.E. 1894
Young, Sir Frederick William, LL.B. 1929
Young, William John, M.A. (Dublin, 1882) 1897
Younkman, James Hannibal, M.B., B.S. 1883
Younkman, Landau, B.Sc. 1929
Yuill, George Ashwin, LL.B. .. 1910
1913

Z.

Zwar, Bernhard Traugott, M.D., M.S. (Melbourne, M.D., 1902, M.S., 1908) 1908

† Not yet Members of the Senate.

LIST OF GRADUATES 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.

Casson, Leslie Frank, English I. .. 1925
Crocker, Walter Russell, History I. .. 1925
Duguid (nee Lade), Phyllis Evelyn, English I 1925
Dorsch, Ida Margarete, Classics I. .. 1926
Wait, Yvonne Lois, Classics II. .. 1926
Frost, Mary Millicent, English I. .. 1927
Holmes, Edna Lucy, B.A., LL.B., Philosophy I. 1927
Mead, Dorothy, English II. 1927
Harris, Donald Dunstan, English II. 1928
Hone, Brian William, English II. .. 1928
Morriss, Elsie, English I. 1928
Reynolds, John Heywood, History I. 1928
Symons, Lloyd Alfred Grigg, Mathematics I. 1928
Wilcher, Lewis Charles, History I. .. 1929
Bleby, Dorothy Aileen, English II. 1930
Plimmer, Geith Alfred, English II. 1930
Prescot, Rupert Warre, Classics II. 1930
Bills, Allan Maynard, English I. .. 1931
Gray, Eric William, Classics I. .. 1931
Strehlow, Theodor Georg Heinrich, English I. 1931
Mounster, Valerie Luella, B.A., History I 1932

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

For Previous Lists see Calendars from 1918.

Carter, F. K., Chemistry II. 1922
Wood, J. G., Chemistry II. 1922
Reimann, A. L., Physics II. 1922
Anderson, A. B., Physiology I. .. 1923
Dawbarn, Mary C., Physiology I. .. 1923
Hone, F. R., M.B., B.S., Physiology I. 1923
Mitchell, M. L., Physiology I. .. 1923
Oliphant, M. L. E., Physics I. .. 1923
Smith, K. W. A., Mathematics II. .. 1923
Walker, W. D., Physiology II. .. 1923
Fuller, G. R., Physics I. 1924
Macklin, Ellen D., Botany I. .. 1924
Hossfeld, Paul S., Geology II. .. 1925
Best, Rupert Jethro, Chemistry II. .. 1926
Canney, Richard Francis, M.A., Mathematics II. 1926
Mitton, Ronald Gladstone, Physics I. 1926
Wilson, Luther Ernest Crosby, Physics I. 1926
Deland, Effie Wyllie, B.Sc., Zoology I. 1927
Green, Lorna Mary Alexandra, Physiology and Biochemistry II. .. 1927
Paltridge, Terence Brady, B.Sc., Botany II. 1927
Scott, Alfred Eric, B.Sc., Chemistry II. 1927
Cox, Alwyn Birchmore, B.Sc., Chemistry II. 1928
McPherson, Alexander Owen, B.Sc., Physics II. 1928
Piper, Gordon Rudolph, B.Sc., Chemistry II. 1928
Stuart, Noel Harry, Physics II. .. 1928
Wagner, Franz William, Physics I. .. 1928
Close, Ronald Wilkinson, Physics II. 1929
Gallus, Hermann Peter Christian, Chemistry I. 1929
Hughes, Gordon Kingsley, Chemistry II. 1929
Wight, Hugh Humphrey, Physics II. 1929
Bosworth, Richard Charles Leslie, B.Sc., Physics II. 1930
Cox, Carlton Ingham, B.Sc., Physiology and Biochemistry II. 1930
Gurney, Harold Cyril, Botany II. .. 1930
Beck, Alan Beavis, B.Sc., Chemistry I. 1931
Eardley, Constance Margaret, Botany I. 1931
Grant, Colin Kerr, B.Sc., Mathematics I 1932

HONOURS DEGREE OF BACHELOR OF LAWS.

Wynes, William Anstey, LL.B. 1931

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW.

Adcock, John Barlett 1931
Alderman, Henry Graham 1917
Andrews, Walter Frederick 1888
Ashton, Edward James Wilberforce .. 1896
Atkinson, Alfred Harris Owst .. 1900
Badger, Magnus 1918
Bakewell, William Kenneth 1908
Beerworth, William Carl 1932
Benny, Benjamin 1891
Berry, George Augustus 1887
Boucaut, Douglas le Rey 1927
Boucaut, George Hiles 1906
Boucaut, Ian Penn 1930
Bray, Cecil Thomas 1900
Bright, William Stuart 1904
Buttrose, Murray 1927
Carne, Alfred George 1931
Cavenagh, James Gordon 1887
Cheek, Reginald Heithersay 1921
Clarke, Laurence Eric 1920
Cleland, Thomas Erskine 1919
Collison, Frank Lloyd 1926
Colquhoun, Colin Roy 1928
Coventry, Charles James 1911

Cresswell, George Edwin 1929
Cutlack, Peter Robert 1926
Davenport, Arthur Vernon 1916
Davies, Cecil Ernest 1928
Daly, John Joseph 1919
Davey, Robert Shannon 1915
Davison, John Hubert Hawdon .. 1908
Denny, William Joseph 1908
Downer, Frank Hagger 1886
Driffield, George Carus 1889
Durston, Sidney Bridle 1889
Fisher, Guy 1920
Fleming, Stanley Hugh 1902
Foster, Henry Edgar 1889
Fox, John Henry 1895
Genders, Eustace Alexander 1916
Gelston, Hedley Ringrose 1914
Gibson, Reginald Mends 1923
Gifford, Alfred Silva Harrill 1919
Giles, Acland 1905
Gillman, Joseph Fisher 1921
Goldsworthy, Spencer Gordon 1916
Goldsworthy, William Beazley .. 1903
Goode, Evan Anderson 1926
Gun, Clement Townsend 1920
Gwynne, Illted Gordon 1891
Hague, Percy 1897
Hardy, John Scott 1926
Harford, Basil Beverley 1928
Hargrave, Charles Townshend .. 1904
Hargrave, Joshua Addison 1890
Hargrave, Lancelot Morton Spiller .. 1921
Hayward, Cedric Charlie 1923
Healy, Kevin John Bernard 1915
Heseltine, Samuel Richard 1905
Heuzenroeder, Rudolph Hermann .. 1913
Heuzenroeder, William Ritter .. 1929
Hill, Henry Richard 1887
Hill, Herbert Edward 1898
Hodby, Herbert Charles 1922
Holland, George 1920
Holland, William Corin 1909
Homburg, Hermann 1896
Homburg, Renolf 1929
Homburg, Robert 1897
Hunt, William Robert 1919
Innis, Kenneth Norman 1925
James, Alfred Charles 1899
Johnson, James Howard 1900
Johnston, Laurence Frederick John .. 1931
Joyner, Frederick Allen 1885
Kearney, Beasley James William .. 1925
Keats, Frederick Phillips 1909
Kennedy, Donald Angas 1901
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 .. 1926
McCarthy, Joseph Francis 1927
McEntee, Kevin Vincent 1931
McEwin, George 1897
McGee, John 1916
Mackenzie, Charles Norman 1909
McLachlan, Alexander John 1894
McLachlan, Ian 1932
McLeay, Marshall John 1927
Magarey, Ashley Henderson 1932
Martin, Hugh Wallis 1920
Mathews, Llandaff Brisbane 1924
Mellor, Thomas Reginald 1915
Michell, George Wilfrid 1920
Michell, John Elsome 1923
Millhouse, Vivian Rhodes 1925
Mitchell, Harold Flinders 1908
Mollison, Thomas 1928
Morris, Gronwy Lewis 1932
Moulden, Frank Beaumont 1895
Muirhead, Henry Mortimer 1900
Nesbit, Hubert Gordon Pariss .. 1915
Nesbit, Lancelot Julian 1925
Nesbit, Reginald George 1900
Newman, Ralph Frederic 1921
Nicholls, Theodore Henry 1900
Ohlstrom, Patrick Andreas 1924
Owen, William Frederick 1905
Pavy, Emily Dorothea, B.A. .. 1928
Pavy, Gordon Augustus 1924
Pearson, Charles Mason 1917
Penny, Bertram Stephens 1908
Penny, Clifton Raymond 1893
Philcox, Claude Joseph Owen .. 1929
Povey, Edward 1916
Pyne, William Ewart 1915
Rankin, Henry Oliver Arthur .. 1912
Reeves, Charles Wheatley 1924
Regan, James William 1913
Reid, Walter Gliddon 1909
Roberts, Donald Arthur 1912
Rollison, Gerald Dominic 1927
Rollison, William Alexander 1915
Ronald, Stuart Douglas 1910
Rounsevell, Horace Vernon 1888
Rutter, George Lyall 1920
Rymill, Arthur Campbell 1928
Sanderson, Kenneth Francis Villiers 1918
Shenherd, Joseph Scoresby 1899
Smith, Frank Seymour 1914
Smith, Francis Villeneuve 1906
Smith, Paul Teesdale 1920
Sparrow, Cyril Keith 1921
Stockdale, William John 1889
Stuart, Walter Leslie 1900
Sutherland, Allan James Lavis .. 1919
Sweeney, John Grant 1915
Tapley, Willis Wayte 1909
Tennant, Frederick Augustus 1899
Thornton, Walter Archibald 1928
Treloar, James Leonard Sydney .. 1923
Tucker, Reginald Mervyn 1915
Vandenbergh, William John 1896
Von Bertouch, Bernard 1927
Von Bertouch, Leopold 1920
Von Doussa, Stanley Bowman .. 1901
Von Doussa, William Louis 1924
Wald, Irvine Dale 1923
Wallace, Norman Verschuer 1920
Ward, Henry Torrens 1900
Warren, Sydney John 1911
Weaver, Alfred Charles 1903
Webb, Albert Bindley 1906
Webb, Beecher Noel 1930
Whitby, Percy Edward Robert .. 1891
Wigley, Henry Vandeleur 1890
Williamson, James Aubrey 1925
Winnall, John Edward Hyde 1893
Wooldridge, William Phillips 1894
Worth, Frank Lindsey 1932
Wright, Charles Joseph Harvey .. 1888
Wright, Sydney Charles Grenville .. 1923
Yelland, Dene Sturt 1930
Zeising, George Ignatius 1919

ASSOCIATES IN MUSIC.

Adamson, Marjorie Dorothea	1925	Kollosche, Samuel	1910
Adamson, Myrtle Gwendoline	1918	Lee, Marjorie Freda	1926
Alexander, Mary Vera	1917	Litchfield, Jean Rainsbury	1926
Andrew, Una Lois	1915	McGrath, Constance Cecily	1926
Attiwell, Edna Marie	1918	McGregor, Dorothy Mary	1930
Badenoch, Constance Mary	1921	McLaughlin, Eric Enstone	1926
Bampton, Alfred John	1915	Mallon, Alice Mary	1923
Barbour, Dorothy Jean	1928	Manning, Hilda Mahala	1902
Barry, Margaret Mary	1927	Marrett, Hannah Olive	1926
Basedow, Ivy Marie	1912	Martin, Thelma Dorothy	1917
Bates, Edgar Clarence	1929	Matters, Arnold Hatherleigh	1926
Baulderstone, Clarice Moore	1923	Mayfield, Vera Selina Gwendoline	1927
Black, Edward William	1923	Meegan, Alice	1922
Brindal, Ellen Grace	1922	Meegan, Kathleen Mary	1917
Brown, Kathleen Mary	1917	Mewkill, Paula Mary	1915
Bruggeman, Martha Dorothy	1904	Morley, Evelyn Mabel	1925
Burnard, David Alexander	1925	Moss, Gwendolyn	1923
Byrne, Mary Teresa	1927	Naylor, Ruth Winnifred	1924
Carmichael, Doris Darby	1923	Norman, Jean Margaret	1928
Chappel, Phyllis Harvey	1924	Oldham, Dorothy	1914
Cheek, Alan Carvosso	1929	Paddon, Una Margery	1920
Cheek, Muriel Elizabeth	1900	Palmer, Ethel Rose	1918
Cilento, Gladys Muriel West	1913	Parkinson, Charlotte Ethel Violet	1901
Cockburn, Julia Evelyn	1930	Pearson, Kathleen Crawford	1923
Collins, Ella Mary	1916	Penalurick, Lola	1921
Coonan, Rita Norlean	1919	Penrose, Alva Ivo	1924
Coumbe, Hurtle Harold	1912	Perkins, Horace James	1926
Counter, Beryl Cole	1924	Pether, Lilian Gertrude Elizabeth	1923
Cozens, Vida Victoria	1928	Phipps, Charlotte Lucy Barkwell	1905
Cresswell, Muriel Blanche Lillecrapp	1925	Prince, Jean Florence	1921
Daenke, Dorothy Lucy	1929	Prince, Muriel Marjory	1923
Davy, Rubia Claudia Emily	1903	Puddy, Maude Mary	1900
d'Arcy-Irvine, Alice Bond	1913	Pyne, Tryphena Grace	1918
Day, Florence Muriel	1913	Reimann, Hilda Marie	1912
Dix, Jessica Laura	1928	Reimann, Leta Edith	1932
Edwards, Herbert Percival	1922	Renou, Jean Lois	1923
Ekers, Theodora Allman	1930	Riedel, Melita Wanda	1918
Evans, Bert	1913	Roach, Mary Moyle	1910
Finch, Laura Evelyn	1932	Roberts, Winifred Sophie	1911
Fisher, Helena Catherine	1924	Rowe, Elsie Maud	1919
Flaherty, Annie Josephine	1907	Rowe, Florence Nellie	1914
Foale, Harold Robert	1925	Rudemann, Elsa Wilhelmine	1903
Francis, Bessie	1925	Sara, Lily Emmaline	1916
Francis, Violet Leone	1929	Sayers, Alice Mabel	1901
Gard, Harold John	1918	Scammell, Ethelwyn	1910
Geyer, Clem August	1922	Short, John Thomas Gordon	1907
Gill, Hilda Beatrice	1916	Simcock, Hilda May	1917
Glatz, Laurina Ruby	1929	Sinclair, Jean Lily	1924
Gmeiner, Clarice Haidee Beatrice	1924	Smith, Imelda Catherine	1930
Goss, Lucy Vera	1909	Solomon, Betty	1930
Griffiths, George Townsend	1914	Spehr, Francesca	1901
Groth, Fred	1929	Spriggs, Harriet Rosetta	1919
Grosser, Eileen May	1924	Stoneman, Doreen	1921
Hancock, Mary Frewin	1928	Stoneman, Olivia Charlotte	1930
Hantke, Ethel Hilda Hedwig	1902	Summers, Phyllis Harvey	1930
Henry, Gladys Amy Thelma	1926	Taylor, Gladys Leslie	1908
Hine, Clytie May	1908	Taylor, Jean Rosabelle	1926
Hoche, Edith	1908	Thomas, Sylvia Caroline Curtis	1921
Hogon, Eileen Margaret	1917	Tidemann, Ernest Phillips	1927
Holman, Frank Reginald	1919	Tonkin, Phyllis Anna	1923
Howard, Winnifred Jean	1917	Thrush, Annie Vera	1915
Hurn, Mavis Lacey	1926	Vardon, Daisy	1914
Hyde, Miriam Beatrice	1928	Verco, Gladys Kathleen	1928
Ingham, Myrtle Lavinia	1916	Virgo, Violet Myra	1919
James, Doris	1912	Wall, Myrtle Trilby	1917
James, Vida Margretta	1917	Wallmann, Beatrice May	1909
Jones, Lewis La Vence	1919	Walsh, Lilian May	1926
Joyce, Kate	1904	Watts, Mollie Louisa	1930
Keen, Lilian Guard	1920	Webb, Irene Margaret Thomson	1926
Kemp, Francis Joseph Edmund	1928	Whillas, Helen May	1901
Kemp, Marion Kirkwood	1903	Whitington, Clytie Myrtle	1917
Kinmont, Rosamond	1924	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
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, Norman Frank 1930
Adams, Harry 1931
Adams, Helen Jean 1929
Adamson, Alfred Victor 1926
Adamson, Harold Stanley 1921
Andersen, Clifford Werlin 1927
Anderson, Reginald Hamp 1910
Angel, Norman Sidney 1930
Angel, Ronald Frank 1930
Annells, Herbert Edward 1908
Bailey, Arthur Norris 1924
Bailey, Vanda Dorothy 1928
Balchin, Irene May 1924
Bampton, John 1927
Barlow, Leslie Harris 1928
Barrett, Jean Miriam 1930
Barter, Francis Charles 1928
Barter, Jack Lampier 1930
Barton, Jessie Charlotte 1929
Bathgate, John Pender 1916
Battye, George Harry 1924
Battye, Ross 1920
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
Belcher, Milton Judson 1928
Berriman, Alfred Andrew 1923
Biddle, John Parr Harding 1925
Biggs, James Marshall 1925
Blackwell, Hazel Annie 1931
Blair, James Beatton 1925
Born, Frank Ford Harker 1928
Bowness, Alexander 1928
Braddock, Lyall Arthur 1931
Brady, Thomas Francis 1921
Bramwell, Horace Gordon 1932
Braunsthal, Norman Frank 1928
Bray, Alan Claude 1926
Bray, Clifford Samuel 1908
Brazel, Thomas John 1926
Bridgland, Lionel Cedric 1932
Briskham, Alexander George Herbert 1927
Brock, Noel Howard 1922
Brown, Leonard Sawtell 1926
Brown, Thomas Roderick 1923
Browne, Clifford Harding 1923
Buckley, William Clarence 1929
Bulbeck, Philip Denis 1929
Burns, George Eric 1927
Burr, Frederick Samuel 1923
Calder, William Cormack 1913
Caldwell, Hilda Valmai 1928
Callaway, William Frank 1931
Campbell, Harold Duncan 1925
Cant, Leonard George 1917
Cant, Rex Birdsey 1931
Caust, Leslie George William .. 1921
Chambers, John Harrold 1926
Chettle, Walter Richard 1927
Chinner, Alan George 1922
Clark, Geoffrey Thomas 1923
Colliver, Eustace James 1928
Cooper, Ashley Anthony Richard .. 1927
Cotton, Robert Harold 1908
Cottrell, John Ledsam 1920
Coward, Ivan Fernley 1930
Coward, Robert Malcolm 1930
Cox, Charles Wylde 1932
Cox, Cyril Hewitt 1928
Craig, Ida Vera 1924
Crane, Greta Ruby 1927
Creswell, John 1919
Daley, Vyvyan Lancelot 1928
Dalton, Victor Ernest 1923
Daniel, Claude Alfred Vaughan .. 1921
Davidson, Cuthbert Hewett 1924
Davis, Rosalie Olive 1923
Dawbarn, Richard Bunbury 1930
Dawson, David Lancelot 1926
Denton, Samuel Bowcher 1928
Dermott, Alice May 1932
Dermott, John Edwin 1921
Dobson, Alfred James 1909
Downs, Claude Edmund 1932
Easson, Leonard John 1932
Edson, Eileen Mavis 1930
Edwards, Colin Arthur 1930
Effick, Henry Birrell 1924
Elliott, Melva Gwendolene Vivian .. 1931
Errington, Edna Jean 1931
Ewens, Leonard Thomas 1930
Fahey, George Ambrose 1923
Farquhar, Donald Reginald 1929
Fisher, Harold Henry 1932
Fitzgerald, Teresa Catherine 1931
Foxworthy, John Henry 1923
Francis, Ainslie DeLacy 1921
Francis, Stanley Charles 1924
Fry, Arthur Henry Percival 1910
Furze, Noel Edgar 1927
Gale, Frederick Julius 1910
Gibson, Eric Ambrose 1925
Giles, Kenneth Livingstone 1924
Giles, Stephen Alan Butler 1927
Glastonbury, Oliver Albert Isaac .. 1929
Golovsky, Israel 1921
Grant, Kenneth Jack 1929
Gray, Gilbert William 1923
Green, Lawrence Goodwin 1928
Greenham, Alfred Howard 1923
Greig, William Ronald 1929
Hammann, Arthur Edwin 1927
Harris, Russell Hope 1912
Harrison, William Frank 1908
Heairfield, Walter George 1930

Hendry, Campbell Alexander .. 1914
Higgins, Harry Coote 1920
Hilton, Kingsley Winlo 1930
Hogben, Alfred Richard 1909
Hogben, Horace Cox 1915
Holker, James Ralph 1922
Holt, William George 1924
Holten, Dora May 1924
Homes, Alma Ivy Penelope 1927
Hooper, Mervyn Perry 1926
Horrocks, Charles Edgeworth .. 1925
Howie, George Percival 1916
Hunwick, Ernest Frederick William 1924
James, Charles Kingsley 1918
Jamieson, Neil Livermore 1927
Jeffress, Leslie Charles 1928
Jenner, Arnold Miller 1929
Jessup, George Aubrey 1927
Johnson, Harry Witter 1932
Jones, Elizabeth May 1926
Judd, Percival Richard Henry .. 1926
Kelly, Isobelle 1927
Kelsey, Jack 1932
Kennedy, Mervyn George 1932
Kesting, Ernest Arthur 1930
Kinnish, Florence Maud 1920
Kirkman, David 1908
Lenton, Leslie 1916
Lewis, Clarence George 1924
Lewis, Rex Ernest 1930
Lillywhite, Bessie 1925
Lloyd, Harold Trent 1926
Loan, William Clarence 1923
Lodge, Maurice Arnold 1929
Lorimer, Robert William 1922
Luxmoore, John Alexander 1931
Lyon, Colin Grant 1929
Lyon, James Cobbett 1926
McAnaney, William Patrick 1931
McAulay, John Albert Galster .. 1922
McCarron, Phillip Bernard Alphonsus 1925
McCarthy, John Anthony 1930
McEgan, Ernest William 1928
McFarlane, Maude Evans 1928
Mack, Arthur William 1925
McKee, George Angas 1927
McKee, William Albert Kenneth .. 1926
McLean, Allan William 1921
Mahoney, John Joseph 1927
Marchant, Vernon Harold 1929
Marrett, Lorna Liggett 1922
Marshall, Alma Kathleen 1921
Martin, Colin Walter 1925
Martin, Eric John 1923
Mathews, Reginald William 1928
Maunder, Leonard Edward James .. 1926
Mengerson, Norman Victor 1919
Menkens, Frank Hermann 1908
Messent, Albert Edward 1908
Messent, Frank Ashby 1927
Miller, Gavin Robert 1918
Mills, Edward Whitfield 1915
Milne, Alexander 1910
Minson, Charles Stanley 1930
Mitchell, Bruce 1919
Mortess, Eric James 1925
Mould, Francis Edmund 1927
Moyes, Cecil Clarence 1918
Moyes, Charles Robert 1913
Moyle, John Ewart 1917
Muecke, Carl Wilhelm Ludwig .. 1908
Mullen, Brian Anthony 1930
Mullin, Mary Margaret 1925
Mullins, Francis Patrick 1926
Munro, Elizabeth Margaret 1930
Murray, Donald 1930
Mutton, Henry Edwin Howard, M.A. 1926
Nave, John Lionel 1929
Needham, George Francis Jack .. 1911
Neuenkirchen, Hermann Adolph Heinrich 1912
Newman, Kenneth Fisher 1925
O'Grady, Oswald James 1923
Padget, Dora Jane 1928
Painter, Edward Websdale 1920
Park, Gilbert Maxwell 1923
Parr, Harry Sidney 1916
Pascoe, Douglas Everett 1927
Pederick, Hubert Oswald 1929
Pentelow, Edith May 1929
Phelps, Winifred Annie 1925
Philcox, Claude Joseph Owen .. 1923
Pitcher, Ronald Samuel 1923
Pledge, Martha Phoebe 1930
Ponder, Gilbert Walter Graham .. 1914
Price, Henry Ernest 1930
Proud, Katherine Lily 1910
Raffelt, Helene 1925
Ransom, William Robert George .. 1932
Read, Angus Robert 1929
Read, Howard Llewellyn 1926
Redman, Jessie Adelaide 1929
Reynolds, Ernest Joseph Walter .. 1925
Rhodes, Ronald Sydney 1927
Richardson, Jack Avon 1928
Riches, Robert Wilfred 1932
Riebe, Erwin John 1929
Riley, Olly Beata 1931
Robertson, George Oliver 1906
Rooney, John Francis 1928
Rooney, Patrick William 1918
Russack, Frederick William, jun. .. 1927
Ryan, William John 1927
Sambell, Frederick James 1919
Sando, Gordon Victor 1929
Schneider, Wilfred, B.E. 1932
Sellars, Norman Lionel 1923
Shepherd, Rupert Lloyd 1927
Sheppard, Bernard Aubrey 1910
Sheppard, John Tyndall 1928
Shuttleworth, Robert Thomas .. 1926
Smith, Charles Alfred 1910
Smith, Clarice Margaret 1929
Smith, Eileen Milton 1930
Smith, Henry Morris 1928
Smith, Isaac Francis 1928
Solly, Hubert Ambrose 1913
Stanford, Walter Henry 1927
Steele, Robert Moore 1908
Stephenson, Ezra 1928
Stephenson, John 1924
Stuart, Arthur Donald 1926
Swanson, Alexander 1929
Tassie, Eric Harry 1917
Temme, Bernhard Robert 1931
Thomas, Harold Clarke 1908
Thomas, Jack 1928
Thompson, Frederick Aubrey Jones 1929
Thurston, Frank Harris 1923
Thyer, Walter Vernon 1921
Tillett, Arthur Colin 1930
Topperwien, Jessie Jeanette 1925
Travers, Edward Ambrose 1923
Trigg, Frank Elliot 1926
Tuckwell, Kenelm Sinclair 1925

Turnbull, George Alexander 1930
Turner, Arthur Frederick 1932
Turner, Jack 1925
Turner, Percy 1913
Turner, Raymond Stanmore 1930
Vawser, Leeson William 1920
Vawser, Frank Derwent 1925
Vincent, Harry 1932
Wahlqvist, Hugo Carl 1923
Wauchope, James George Neilson .. 1911
Wheeler, Horace Roseby 1911
Whitridge, Gladstone Keith 1920
Wilkins, Ada Dorothy Marion .. 1927
Williams, Albert Bruce Wauchope .. 1925
Williams, Eric Spencer 1922
Williams, John Carter 1917
Williams, Zena Vera 1926
Williamson, Harold Edgar 1926
Winter, Claude Howard Stanley .. 1914
Wood, Alfred Evelyn 1900
Woolcock, Royal Johnston 1928
Wright, Dorothy Maud 1929
Wyett, Ernest Stanley 1931
Young, Norman Smith 1930

ASSOCIATES IN PUBLIC ADMINISTRATION.

Coombe, Albert 1932
Craker, Arthur Ernest 1932
Doecke, Heinrich Albert 1931
Pope, Hugh Gilmore 1932
Slade, James Henry Gray 1932

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

Clark, Archie Septimus, B.Sc. .. 1902
Cleland, William Lauder, B.Sc. .. 1905
Connor, Julian Dove, B.Sc. 1902
Fairweather, Andrew, B.Sc. 1904
Gardiner, Beauchamp Lennox, B.Sc. 1904
Gartrell, Herbert William, B.A., B.Sc. 1912
Greenway, Thomas Charles, B.Sc. .. 1904
Heseltine, Frederick Augustus, B.Sc. 1905
Judell, Lester Maurice Wolff, B.Sc. .. 1905
Martin, Victor Garfield, B.Sc. .. 1906
Moore, Bertie Harcourt, B.Sc. .. 1902
Paton, Adolph Ernest, B.Sc. .. 1904
Wainwright, Charles Leonard, B.Sc. 1905
Whitington, Bertram, B.Sc. 1901

DIPLOMA IN ELECTRICAL ENGINEERING (OLD REGULATIONS.)

Chapple, Ernest, B.Sc. 1904

DIPLOMAS IN APPLIED SCIENCE.

Mining Engineering.

Angwin, William Britton, B.Sc. .. 1910
Blaskett, Kenneth Selway, B.E. .. 1931
Brooke, Malcolm Archibald, B.E. .. 1925
Chapman, Robert Hall, B.E. 1912
Colman, William Russell Goodwin, B.E. 1922
Espie, Frank Fancett, B.E. 1913
Fisher, George Read, B.E. 1925
Greenway, Harold, B.E. 1907
Gregory, Cedric Errol, B.E. 1931
Holder, Evan Morecott, B.E. 1910
Kennedy, Alexander Lorimer, B.E. .. 1915
Madigan, Cecil Thomas, B.Sc. .. 1911
Kneebone, Christopher Stephen, B.E. 1920
Robinson, Roy Lister, B.Sc. 1904
Sharpe, Edmund John, B.E. 1932
Symonds, George Burnett Lionel, B.E. 1919
Yates, Colin, B.E. 1932

Electrical Engineering.

Abbott, Geoffrey Joseph, B.E. .. 1921
Aitchison, Gordon John, B.E. 1927
Angwin, Hugh Thomas Moffitt, B.E. 1911
Baker, Walter Ross, B.E. 1931
Barker, Alwyn Bowman, B.E. .. 1923
Begg, Reginald Haussen, B.Sc. .. 1911
Bennett, Keith McQuarrie, B.E. .. 1925
Berriman, Robert Harold, B.E. .. 1920
Blaskett, Sydney Norman, B.E. .. 1928
Blown, William Baker, B.E. .. 1930
Boundy, Rex, B.E. 1923
Brooke, William Charles Robert, B.E. 1931
Brown, Arthur Cubitt, B.E. 1914
Burgess, Leslie Frank, B.Sc. .. 1909
Burgess, Norman Cecil, B.E. .. 1923
Calder, Rex Finlayson Cormack, B.E. 1927
Chapman, Arthur Horsley, B.E. .. 1927
Cook, Ernest Peter, B.E. 1929
Cooper, Wilfred Windham, B.E. .. 1913
Corbin, Clive Wilson, B.E. 1932
Cresswell, Edwin Fletcher, B.E. .. 1921
Cropley, Frederick Waterton, B.E. .. 1932
Dart, Ralph John, B.E. 1914
Dumas, Russell John, B.E. 1910
Ellis, Frank, B.E. 1908
Evans, Wilfred Robert, B.E. .. 1924
Forder Howard Hamlyn, B.E. .. 1926
Garrett, Allan Leonard, B.E. .. 1929
Gill, Lancelot Waring, B.E. 1909
Goodman, Cyril William, B.E. .. 1915
Gray, William Watt Erskine, B.E. .. 1912
Greenless, Alan David, B.E. .. 1910
Gunn, Gordon Alexander George .. 1927
Henderson, Eric Malcolm, B.E. .. 1932
Hunwick, Arthur Philip, B.E. .. 1929
Hutcheson, George Ian Dewart, B.E. 1917
Kay, Robert Pringle, B.E. 1926
Kneese, Alexander Theodor, B.E. .. 1924
Lang, William Holland, B.Sc. .. 1908
McDonald, Cyril George Hugh, B.E. 1917
McKechnie, Alan Francis Clark, B.E. 1924
Main, Arthur Charles, B.E. 1926
Messent, Keith Santo, B.E. 1920
Milne, Kenneth Harvey, B.E. 1925
Mongan, Horace John, B.E. 1918
Nicholson, Hugh John Gay, B.E. .. 1916
Potts, William Andrew, B.E. .. 1913
Rennie, Edward James Cadell, B.E. 1907
Rosman, Frank Edgar, B.Sc. .. 1909
Saddler, Bruce Allder, B.E. 1931
Scott, Ronald Melville, B.E. 1912
Sharman, Arthur Edward, B.E. .. 1926
Smith, Raydon Berry, B.E. 1917
Smith, Harold Whitmore, B.E. .. 1906
Somerville, Hugh Norman, B.E. .. 1920
Sprigg, Charles Mosse, B.E. 1930
Stuart, Noel Harry, B.E., B.Sc. .. 1928
Swift, Harry Houghton, B.E. .. 1915
Tassie, Robert Wilson, B.Sc. 1908

Thrum, Edward Allen, B.E. 1924
Tidemann, Frederick William, B.E. .. 1925
Tuck, Harry Playford, B.Sc., B.E. .. 1920
West, John Stanley, B.E. 1903
Whibley, Cyril George, B.E. 1927
Wight, Hugh Humphrey, B.Sc., B.E. 1930
Witt, Erik Hans, B.E. 1929
Woolnough, Geoffrey Lawrence, B.E. 1929

Mechanical Engineering.

Altmann, Arthur Richard, B.E. .. 1920
Anderson, Adrian Akhurst, B.E. .. 1925
Barker, Alwyn Bowman, B.E. .. 1925
Barnard, Howard Lucas, B.E. .. 1924
Boyce, Sidney Herbert, B.E. 1926
Brookman, John Ragless, B.E. .. 1907
Buring, Franz Maurice, B.E. 1923
Campbell, Kenneth Bruce Desmond, B.E. 1931
Cooper, Thomas Edwards, B.E. .. 1922
Cox, Rudolph William Arthur, B.E. 1921
Dawkins, Albert Norman, B.E. .. 1922
Dridan, Julian Randal, B.E. 1922
Duncan, Keith Sinclair, B.E. .. 1922
Fawcett Wilfred D'Arcy, B.E. .. 1929
Ford, Raymond William, B.E. .. 1922
Forgan, Humphrey Crayle 1925
Gibb, Claude Dixon, B.E. 1923
Glayde, Ernest James, B.E. 1927
Habich, Carl Julius, B.E. 1930
Hallett, Harold Sinclair, B.E. 1932
Humphris, Francis Henry, B.E. .. 1924
James, Clarence Keith, B.E. 1932
Jenner, Ralph Lindsay 1924
Kleeman, Reginald Theodore, B.E. .. 1923
Leask, John Hunter, B.E. 1928
McCloughry, Claude Lancelot, B.E. 1926
McCloughry, Edgar James 1920
McIntosh, Howie James, B.E. .. 1927
McMahon, John Patrick 1925
Martin, Alfred Irwin, B.E. 1928
Motteram, Philip, B.E. 1914
Mudie, George Dempster, B.E. .. 1921
Nelson, William Barton, B.E. .. 1924
Parsons, Rex Whaddon, B.E. 1915
Pengilly, Clifford Kipling, B.E. .. 1930
Polson, Reginald Alexander, B.E. .. 1929
Pomroy, Richard Osborne, B.E. .. 1923
Reichstein, Lance Eric Harold, B.E. 1922
Roach, John Carlyle, B.E. 1921
Robertson, Sydney Clifford, B.Sc., B.E. 1924
Rodley, Harold Royce Ernest .. 1925
Saddler, Bruce Ernest, B.E. 1932
Schneider, Walter Hermann, B.E. .. 1920
Schneider, Wilfred, B.E. 1922
Short, Kerwin Alfred Robert, B.E. .. 1927
Smith, Louis Laybourne, B.E. .. 1908
Stobie, James Cyril, B.E. 1919
Stockbridge, Edgar Lambert, B.E. .. 1924
Symonds, Edwin Joseph Truman, B.E. 1926
Thyer, Alexander Maitland, B.E. .. 1924
Turner, Edward Robert, B.E. 1932
Van Senden, Raymond Redvers, B.E. 1924
Vawser, John Alfred, B.E. 1926
White, William John, B.E. 1911
White, William Richard Bolitho, B.E. 1932
Wigan, Leonard James Cleveland, B.E. 1921
Wigg, Ronald Melrose, B.E. 1921
Wilkinson, Harold Callan, B.E. .. 1931

Metallurgy.

Basedow, Fritz Johannes, B.E. .. 1912
Buckett, Reginald Clement, B.E. .. 1931
Elford, Harold Stewart, B.E. .. 1925
Goode, Kenneth Burden, B.E. .. 1914
Gross, Klem Bassett, B.E. 1924
Matthews, Harold Pflaum, B.E. .. 1927
Osborne, Wilfred St. Clair, B.E. .. 1926
Paterson, Keith McGregor, B.E. .. 1932
Snow, Wilfrid Rippon, B.E. 1914
Tanner, Garnet Albert, B.E. 1932

Civil Engineering.

Anderson, William Moffat, B.E. .. 1920
Appleby, Arthur George, B.E. 1923
Bartholomaeus, Clifford Geoffrey, B.E. 1930
Beaney, Harold Leigh, B.E. 1932
Bert, Ernest Julius, B.E. 1921
Chapman, James Douglas, B.E. .. 1925
Colebatch, Gordon Thomas, B.E. .. 1932
Collins, Leslie William Nettell, B.E. 1931
Cowling, Gordon Aubrey, B.E. .. 1928
*Cox, Lancelot Ingham, B.E. 1932
Davis, John Alexander, B.E. 1929
Dix, Alfred James, B.E. 1930
England, Harry Clement, B.E. .. 1930
Farrent, Thomas Albert, B.Sc., B.E. 1924
Finlayson, Allan Harvey, B.E. 1932
Finlayson, Frank Harvey, B.E. .. 1930
Galbraith, Cyril, B.E. 1927
Gillman, Sherlock Hill Marshall, B.E. 1922
Graham, George Finlay, B.E. .. 1927
Green, William Allan McInnes, B.E. 1928
Hunt Max Aubrey, B.E. 1931
Ide, Frank Boyle, B.E. 1928
Jackman, Frank Downer, B.E. .. 1924
James, Wesley Hughes, B.Sc., B.E. .. 1921
Johnston, Lance Galbraith, B.E. .. 1925
Kindler, Johannes Ernst, B.E. .. 1928
Koerner, Carl Frederick, B.E. .. 1923
Koerner, John Francis, B.E. 1924
Krichauff, George Frederick, B.E. .. 1927
Lang, Eric, B.E. 1924
Lea, Richard Henry Maclure, B.E. .. 1925
Lewis, Arthur Sangster, B.E. .. 1930
Lewis, Reginald William Frederick, B.E. 1925
Maloney, Martin James, B.E. .. 1928
Melbourne, Henry Eoin Sydney, B.E. 1920
Mills, Eric Baxter, B.E. 1929
Mitchell, Donald Thomas, B.E. .. 1930
Morgan, William Matheson, B.E. .. 1930
Morton, Christopher Gordon, B.E. .. 1924
O'Malley, Charles Ernest Denis, B.E. 1932
Padman, Marsden Waterhouse, B.E. 1923
Plunkett, Norman Ambrose, B.E. .. 1926
Poole, Gilbert Graham, B.Sc., B.E. .. 1921
Preston, Tom, B.E. 1924
Robin, Rowland Cuthbert, B.E. .. 1920
Rogers, Theodore Stansfield, B.E. .. 1928
Schulz, Ernst Adolph, B.E. 1931
Shepley, Arthur Raymond, B.Sc., B.E. 1924
Sieber, Clarence Bertram, B.E. .. 1926
Smith, James Wearing, B.E. 1924
Sweeney, Gordon, B.E. 1924
Symons, Frederick William, B.E. .. 1924
Taylor, Donald William, B.E. 1931
Thomas, David John Saint, B.E. .. 1932
Turner, Edward Robert, B.E. 1932
Walsh, Reginald Clarence, B.E. .. 1925
Ward, Leonard Rosslyn, B.E. 1932
Winwood, William Weston, B.E. .. 1926
Young, Donald Scott, B.E. 1929

Architectural Engineering.

Alexander, William Colin, B.E. .. 1928
Bridgland, Reginald James, B.E. .. 1930
Dawkins, Lindsay Cramp, B.E. .. 1932
Ferguson, William Rex, B.E. .. 1931
Lloyd, Thomas Rex Viner, B.E. .. 1932

* Deceased.

DIPLOMA IN FORESTRY.

Pinches, Alfred Leslie 1914
Schedlich, Alfred Karl 1914

DIPLOMA IN EDUCATION.

Bartholomaeus, Edmund Stanley, B.A. 1931
Batchelor, Flossie Elizabeth Reine, B.A. 1922
Bennett, Annie Stevens, B.A. 1924
Berry, Frances Winifred, M.A. .. 1924
Brown, Henry, M.A. 1924
Corrigan, Lawrence Joseph 1930
Featherstone, Dora Bewlay, B.A. .. 1923
Fitzgerald, Bartholomew John, B.A. 1932
Flower, Clifford Horace Kenneth Dunn, B.Sc. 1928
Gerlach, Max Johann, B.A. 1927
Griggs, Clarence Middleton, B.Sc. .. 1928
Higginbottom, Edwin Corlett, B.A. .. 1929
Ireland, Norman Arthur, B.A. .. 1924
Johncock, Ernest Harry, M.A. .. 1929
Leach, William Valentine, M.A., Dip. Econ. 1928
Lushey, Harold Merton, M.A. 1930
Penny, Hubert Harry, B.A. 1930
Pyne, Maurice Ignatius, B.A. .. 1929
Rendell, Alan, Dip. Econ. 1929
Robinson, Samuel Foster 1922
Sharman, Florence Mary, M.A. .. 1923
Tapp, Adrian Lynda, B.A. 1928
Warren, Sidney Lilla, B.A. 1927
Wauchope, Mavis Lorelie, B.A. .. 1929
Westgarth, Walter Tebble, B.A. .. 1928
Williams, James Henry, B.A. 1922

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE.

Coombs, Mary Minetta 1929
Cotterell, Norman Ashby 1925
Cromer, Victor Eugene 1923
Good, Doris Russell 1928
Ham, William 1923
Harris, Doris Sophia 1922
Leach, William Valentine, M.A. .. 1925
Locksley, Maurice 1923
Macghey, Mary Veta, B.A. 1923
Morris, Lyndall Erica, B.A. 1929
Nairn, Loris Walter 1929
Nicholas, Frances Maud 1929
Oliphant, Harold George 1925
Opie, Thomas Schulz, B.A. 1922
Penny, Hubert Harry, B.A. 1922
Pritchard, Edgar Willie 1924
Rendell, Alan 1923
Skitch, Cecil Ernest Lee 1929
Smith, John Fife 1925
Stanford, Walter Henry 1920
Thompson, Robert 1924
Williams, Gustav Cyril Milton .. 1929

STATUTES

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 day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor.

Allowed 4th April, 1912.

Chapter II.—Of the Council.

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

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

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

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

Chapter III.—Of the Senate.

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

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

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

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

* Allowed 2nd December, 1926.

Chapter IV.—Of Professors and Lecturers.

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

(a) The Hughes Professor of Classics and Comparative Philology and Literature.

(b) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy.

(c) The Elder Professor of Pure and Applied Mathematics.

(d) The Elder Professor of Physics.

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

(f) The Angas Professor of Chemistry.

(g) The Elder Professor of Music.

‡(h) The Bonython Professor of Laws.

‡(i) The Professor of Biochemistry and General Physiology.

(j) The Professor of Modern History.

(k) The Professor of Engineering.

(l) The Professor of Botany.

§(m) The Marks Professor of Pathology.

(n) The Professor of Geology and Mineralogy.

(o) The Jury Professor of English Language and Literature.

(p) The Professor of Zoology.

§(q) The Waite Professor of Agriculture.

§(r) The Waite Professor of Agricultural Chemistry.

‡(s) The Professor of Human Physiology and Pharmacology.

†(t) The Professor of Economics.

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 to act in his stead during such incapacity, and such substitute shall receive such proportion not exceeding one-half of the salary of the Professor or Lecturer so incapacitated as the Council shall direct.

* Allowed 1st December, 1921. † Allowed 3rd January, 1929.
‡ Allowed 2nd December, 1926. § Allowed 11th December, 1924.

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.

Chapter V.—Of the Registrar.

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

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

* Allowed 18th September, 1900.

Chapter VI.—Of Leave of Absence.

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

Allowed 10th December, 1925.

Chapter VII.—Of the Seal of the University.

The Chancellor and Vice-Chancellor shall be the custodians of the University Seal, which shall be affixed to documents only at a meeting of the Council and by the direction thereof.

Chapter VIII.—Of Terms.

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

†2. The first term shall begin on the tenth Monday in the year, and shall end on the Saturday preceding the twenty-first Monday in the year. Lectures shall begin on the second Monday in term.

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

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

‡5. Candidates are required to enter their names and pay the fees not later than the first day of March in each year of their attendance. Later entries may be received on payment of a further charge of ten shillings, which, however, may be remitted by the Council for an adequate reason stated in writing.

‡6. The Council may, in special circumstances, allow payment of fees to be postponed till a later date.

* Allowed 3rd December, 1922. † Allowed 10th December, 1930.
‡ Allowed 6th December, 1922.

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

Chapter IX.—Of Matriculation.

1. A candidate for the degree of Bachelor shall be required to matriculate, and, after matriculation, to spend not less than three academical years in his course of study at the University or at affiliated institutions.

2. Every person not being less than sixteen years of age who has complied with the conditions for admission to the course of study for a degree in the Faculty in which he proposes to become a student, and who in the presence of the Registrar or other duly appointed person signs his name in the University Roll Book to the following declaration

shall thereby become a Matriculated Student of the University. The declaration shall be in the following form:—

"I do solemnly promise that I will faithfully obey the Statutes and Regulations of the University of Adelaide so far as they may apply to me, and that I will submit respectfully to the constituted authorities of the said University; and I declare that I believe myself to have attained the full age of sixteen years."

*Every matriculated student shall pay a fee of one guinea.

†3. If a candidate has attained the age of sixteen years he shall be admitted to matriculation, provided that he has passed at the examination of the Public Examinations Board in the subjects specified as necessary by the Faculty in which he desires to study. These shall be, for the present:

In the Faculty of Arts:

‡Five subjects, including English and either Latin or Greek, at the Leaving Examination; and if Mathematics part i is not also included, Mathematics parts i and ii must have been passed at the Intermediate Examination.

§For the Degree of Bachelor of Economics:

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

In the Faculty of Science:

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

¶In the Faculty of Agricultural Science:

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

In the Faculty of Applied Science:

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

* Allowed 2nd December, 1926. † Allowed 10th December, 1925
‡ Amendment allowed 10th December, 1930.
§ Allowed 10th December, 1930. ¶ Allowed 3rd January, 1929.

In the Faculty of Law:

Five subjects, including English and Latin, at the leaving Examination.

*In the Faculty of Medicine:

Four subjects, including English and one other language, at the Leaving Examination, and such of the following subjects as have not been passed at the Leaving Examination must have been passed at the Intermediate Examination:—Latin, one language other than English and Latin, Physics, Chemistry, and unless Mathematics, part i, has been passed at the Leaving standard Mathematics part i and part ii.

*In the Faculty of Dentistry:

At least three subjects, including English and one other language, at the Leaving Examination, and such of the following subjects as have not been passed at the Leaving Examination must have been passed at the Intermediate Examination:—Latin, Physics, Chemistry, and unless Mathematics part i, has been passed at the Leaving standard, Mathematics part i and part ii.

In the Faculty of Music:

The conditions shall be as prescribed in the Regulations for the Degree of Bachelor of Music.

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

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

* Allowed 7th December, 1927. Allowed 6th December, 1922.

Chapter X.—Of the Faculties.

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

* Allowed 3rd January, 1929.

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

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

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

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

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

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

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

5. The Dean of each Faculty shall perform such duties as shall from time to time be prescribed by the Council and (amongst others) the following:—

(a) He shall, at his own discretion, or on the written request of the Chancellor or Vice-Chancellor, or of two members of the Faculty, convene meetings of the Faculty.

(b) He shall preside at all meetings of the Faculty at which he shall be present.

* Allowed 6th December, 1923. † Allowed 7th December, 1904.
‡ Allowed 10th December, 1919.

(c) Subject to the control of the Faculty he shall exercise a general superintendence over its administrative business.

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

Board of Examiners.

7. The Board of Examiners in the subjects of the Course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such Examiners as may be appointed by the Council.

8. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by the Judges of the Supreme Court.

Chapter XI.—Of Degrees.

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

2. Any person who has been admitted to a Degree in any University recognised by the University of Adelaide, may be admitted *ad eundem gradum* in the University of Adelaide, provided that he shall give such evidence of his degree and of his good character as in the opinion of the Council shall be sufficient.

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 recognized by the University of Adelaide may, with the permission of the Council, be admitted *ad eundem statum* in the University of Adelaide; provided that he shall give such evidence of his status and of his good character as in the opinion of the Council shall be sufficient.

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

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

Form of Presentation for Students of the University of Adelaide.

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

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

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 the Candidate.

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

Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

1. There shall be a Board of Discipline, consisting of the Chancellor, the Vice-Chancellor, the Deans of the several Faculties, the Chairman of the Board of Commercial Studies, and such Professors or Lecturers as may be appointed by the Council.

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

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

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

He shall preside at the meetings of the Board.

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

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

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

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

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

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

(c) to expel such student from the University.

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

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

Allowed 2nd December, 1926.

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

Whereas on the 4th day of January, 1888, the Honourable John Howard Angas, M.L.C., paid the sum of £4,000 to the University for the purpose of permanently founding (with the income thereof and the annual grant payable in respect thereof under the Fifteenth Section of the Adelaide University Act), the Angas Engineering Scholarship and the Angas Engineering Exhibitions, to encourage the training of scientific men, and especially Engineers, with a view to their settlement in South Australia: Now it is hereby provided as follows:—

A. The Angas Engineering Scholarship.

1. There shall be a Scholarship called the "Angas Engineering Scholarship," of the annual value of £200, for two years, with an additional allowance of £100 for travelling expenses.

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 Science, 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.

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

7. The allowance for travelling expenses shall be paid to the Scholar upon approval of his proposed date of departure. Payment of the balance of the Scholarship shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the

previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering studies, according to the course proposed to be followed by the Scholar.

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

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

B. The Angas Engineering Exhibitions.

10. There shall also be four "Angas Engineering Exhibitions," of which one may be awarded in each year. Each Exhibition shall be of the annual value of Fifteen Pounds, and be tenable for four years.

11. One of the Angas Engineering Exhibitions shall be open for competition at an examination in the month of November or December of each year, in subjects prescribed one year previously by the Council; but the Exhibition shall not be awarded unless the Examiners are satisfied that one of the candidates is worthy to receive it.

Candidates must, on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a form which may be obtained from the Registrar.

Candidates who fail to give notice by the prescribed date may be permitted to present themselves on payment of a fee of 5/-.

12. Each candidate must be not more than eighteen years of age on the 31st of December in the year in which the examination is held.

13. Each Exhibitioner shall, within three months after being awarded his Exhibition, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide; shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science; shall attend lectures and pass examinations in such subjects in the Engineering and Science courses, and the course for the Diploma in Applied Science, as may be previously approved by the Council. Each Exhibitioner on entering the University and at the beginning of each subsequent year of the tenure of his Exhibition shall submit his proposed course of study to the Professor of Engineering for approval, and at the end of each year shall produce a certificate, signed by the Professors and Lecturers whose classes he has

attended, to the effect that his work and progress have been satisfactory. The Exhibition shall be forfeited if the holder fail to observe the above requirements, unless such failure shall, in the opinion of the Council. have been caused by ill-health or other unavoidable cause. The decision of the Council as to such forfeiture shall be final.

14. Payment of the Exhibitions shall be made quarterly, beginning with the first day of March following the award, but payment need not be made to any Exhibitioner whose conduct as a student throughout the quarter has not been in every respect satisfactory to the Council. The decision of the Council on any such questions shall be final.

15. No Exhibitioner shall, save by permission of the Council, hold concurrently with his Exhibition any other Exhibition or any Scholarship

C. General.

16. The sum of £4,000, paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the fifteenth section of the Adelaide 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.

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 shall, within ten days from the award, submit to the Faculty of Arts a subject connected with the English Language or with English Literature. If this is approved by the Faculty he shall, at the end of fifteen months after the award, or of such extended time as the Council under special circumstances may allow, present to the Council a thesis on that subject. If the examiners whom the Council shall appoint pronounce that the thesis is sufficient, and the Prizeman has complied with the aforesaid conditions, he shall 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 is pronounced insufficient, 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 the sum of £1,000 to the University, for the purpose of founding a Scholarship to be called by his name, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these statutes: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The Scholarship shall be called "The Everard Scholarship," and shall be competed for annually.

*2. The Scholarship shall be of the value of Thirty Pounds, and shall be paid to the Scholar in one sum at the Commemoration at which the Scholar is entitled to take his Degree.

3. The Scholarship shall be awarded to the student who shall be placed first in the Class List of the Final Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery; provided that he shall have passed through the whole of his medical course at this University and that he shall be considered worthy by the Board of Examiners.

4. The Scholar so appointed shall in the certificate of his Degree be styled the "Everard Scholar."

* Allowed 13th January, 1909. Allowed 13th November, 1890.

Chapter XVIb.—Of the Eric Smith Scholarship.

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University

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

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

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

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

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

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

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

7. The University shall pay the fees at the School of Mines for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in Medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

Chapter XVIc.—Of the Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a Bursary in memory of Archibald Mackie, formerly Secretary of the Associaition: Now it is hereby provided as follows:—

1. A Bursary, to be called "The Archibald Mackie Bursary," shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

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

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

4. Save by permission of the Council of the University, the bursar shall not retain the bursary for a longer period than that reasonably required in the opinion of the Council for the Diploma course.

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

This statute may be varied from time to time, but the title of the bursary shall not be changed.

Allowed 10th December, 1915.

Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:—

(a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or

(b) directly or indirectly give assistance to any other candidate; or

(c) permit any other candidate to copy from or otherwise use his or her papers; or

(d) directly or indirectly accept assistance from any other candidate; or

(e) use any papers of any other candidate; or

*(f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or

* Allowed 2nd December, 1926.

endeavour to give, directly or indirectly, assistance to any other candidate ; or

(g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

Allowed 3rd January, 1907.

Chapter XVIII.—Of Academic Dress.

*1. At all lectures, examinations, and public ceremonials of the University, Graduates and Undergraduates must appear in academic dress.

*2. The academic dress shall be:

For undergraduates—A plain black stuff gown and trencher cap.

For all Graduates—A black trencher cap with black silk tassel; and black gown similar in shape and material to those used at Cambridge for similar Degrees, and hoods of the same shape as those used at that University.

The hoods for Bachelors to be of black silk or stuff lined to a width of six inches with silk. The colour of such lining to be, for Bachelors of Laws, blue; for Bachelors of Medicine and Bachelors of Surgery, rose; for Bachelors of Dental Surgery, salmon pink; for Bachelors of Arts, grey; for Bachelors of Science, yellow; for Bachelors of Engineering, light brown; and for Bachelors of Music, green.

The hoods for Masters to be of black silk lined entirely with silk of a darker shade of the colour used for the hoods for Bachelors of the same faculty.

The hoods for Doctors to be of silk of a darker shade of the colour used for the hoods of Bachelors of the same faculty, lined entirely with silk of the lighter shade of the same colour.

The colours above referred to shall accord with specimens attached to a document marked A, to which the seal of the University has been fixed.

†For members of the Council, Boards, and Faculties, not being graduates, a plain black silk gown and black cloth trencher cap with silk tassel.

3. Notwithstanding anything contained herein, members of the Senate who have been admitted *ad eundem gradum* may at their option wear the academic dress appropriate to the Degree in virtue of which they have been so admitted.

* Allowed 1st December, 1921. † Allowed 7th December, 1927.
Allowed 9th December, 1891.

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 countersignature 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 to the student who passes the best examinations in Psychology and Logic for the Degree of Bachelor of Arts, provided he is of sufficient merit.

Allowed 27th December, 1899.

Chapter XXI.—Of the Dr. Davies-Thomas Scholarship.

Whereas Mrs. Davies-Thomas has given the sum of £400 for the present purpose of founding two Scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

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

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

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

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

* Allowed 10th December, 1930. ‡ Allowed 26th January, 1898.
Allowed 15th December, 1896.

Chapter XXII.—Of the Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a Studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896, to supplement the income from the

said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

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

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

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

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

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

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

* Allowed 24th December, 1913. † Allowed 7th December, 1927.
‡ Allowed 13th December, 1917. § Allowed 6th December, 1923.
Allowed 7th December, 1911.

Chapter XXIII.—Of the Election of Representatives on the Board of Governors of the Public Library, Museum, and Art Gallery.

1. Meetings of the University to elect members of the Board of Governors of the South Australian Institute shall be held in Adelaide at such places as the Council shall from time to time appoint.

2. So soon as conveniently may be after these Statutes shall have been allowed and countersigned by the Governor, the Council shall convene a meeting of the University to elect two members of the said Board.

3. The Council shall also convene the University to meet on some day in each month of October to elect two members of the said Board.

4. Whenever the office held by any member of the said Board elected by the University shall become vacant during the period for which he was elected, the Council shall, so soon as conveniently may be thereafter, convene a meeting of the University to elect another member in his room.

*5. Every meeting of the University for the election of a member of the said Board shall be convened by the Registrar not less than ten days before the day appointed for the meeting by a notice in any two newspapers published and circulating in Adelaide, specifying the place and time of meeting.

6. Candidates shall be nominated in writing signed by two members of the University, and sent to the Registrar so as to reach him at least two days before the day appointed for the meeting, and no candidate will be eligible for election unless his written consent to act, if elected, reaches the Registrar not later than two days before the day of meeting.

7. If only the required number of members shall be eligible, the Chairman of the meeting shall declare such member or members elected.

8. If more than the required number of members be eligible, a printed voting paper containing the names of such members shall be given to each member present at the meeting, who may vote for the required number of candidates by striking out the names of the members for whom he does not vote.

9. The votes so given shall be counted by two tellers appointed by the Chairman before the election is proceeded with. The number of votes given for each candidate shall be reported in writing by the tellers to the Chairman, who shall then declare the result of the election.

10. At every such meeting the Chancellor, or in his absence the Vice-Chancellor, or in their absence the Warden of the Senate (if present) shall preside as Chairman, and in the absence of the Chancellor, Vice-Chancellor, and Warden, the members of the University present shall elect a Chairman.

11. No such meeting shall be constituted unless at least twelve members of the University be present within fifteen minutes after the time appointed for holding the meeting. At every such meeting all questions shall be decided by the majority of the members present. In case of an equality of votes on any question or for any candidate the Chairman shall give a casting vote.

12. The proceedings of and elections made by each such meeting shall be recorded by the Registrar in a book kept for that purpose, and shall be signed by the Chairman.

* Allowed 5th December, 1918. Allowed April, 1880.

Chapter XXIV.—Of Non-Graduating Students.

*1. Upon such terms and conditions and upon payment of such fees as the University or the Council prescribe, any person wishing to become a non-graduating student in the University or in any School therein may be admitted to any lectures, tuition, or examinations; and, if required, shall sign his or her name in a roll book, or upon a separate form, to the following agreement, or to such other similar agreement as the Council shall prescribe for non-graduating students generally, or for some of them:

"I agree with the University of Adelaide that I will obey all existing and future Statutes, Regulations, and Rules made or approved by the University or the Council, so far as they may apply to me; and that I will respectfully submit to and obey the constituted authorities appointed by the University, and I declare that I believe myself to have attained the full age of sixteen years."

2. Except when otherwise provided non-graduating students shall pay the same fees and be subject to the same Statutes, Regulations, and Rules regulating discipline and conduct as undergraduates.

3. From and after the allowance and countersignature by the Governor of these Statutes there shall be repealed hereby the Statutes, chapter XXIV., "Of Non-Graduating Students," allowed by the Governor on the twenty-seventh day of December, in the year 1899; but such repeal shall not affect:

Anything done or suffered, any right or status acquired, duty imposed, or liability incurred under the repealed statutes.

†4. No subject passed by a student as a non-graduating student may later be counted towards a degree unless the examination be again passed, provided that in special cases the Council may, on the recommendation of the Faculty concerned, make such concession as it thinks fit: but nothing in this clause contained shall interfere with the operation of Regulation XIX of the Degree of Bachelor of Laws and of the Final Certificate in Law.

* Allowed 30th November, 1916. † Allowed 3rd January, 1929.
Allowed 7th December, 1904.

Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*Every intending candidate for a degree, diploma, scholarship, or prize shall enter his name with the Registrar not later than the date prescribed in the Calendar or by advertisement. Late entries may in special circumstances, to be approved by the Vice-Chancellor in each case, be received on payment of an additional fee of five shillings; but no entry shall be received within seven days of the examination.

†3. In all cases where an age limit is not fixed by the Regulations, persons who shall pass the same examination more than once shall not be qualified to receive any scholarship, exhibition, medal, prize, or other similar reward in respect of that examination save on the first occasion of their being examined.

‡3A. No person shall be admitted to a degree examination in which he has already passed at this University, except by special permission of the Council.

*4. Wherever, in the Statutes or Regulations of the University a time limit or an age limit is imposed, the Council shall have power to add or deduct or allow for the period spent in war service by any candidate, but may impose such conditions or modifications as may seem good to the Council in each case.

‡4A. On the advice of the appropriate Faculty or Board, the Council may make special provision for any candidate for a degree or diploma who has been engaged in war service, by altering the conditions prescribed for entrance on his course of study, by altering the fees, and by adjusting the curriculum, provided that the whole curriculum be substantially fulfilled before the degree or diploma is conferred.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

§6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

* Allowed 10th December, 1919. † Allowed 12th August, 1903.
‡ Allowed 5th December, 1918. § Allowed 12th August, 1915.

*7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just. Provided always that they shall give such evidence of their status and of good character as in the opinion of the Council shall be sufficient.

†8. In addition to the annual fees payable for lectures, every student taking any course for a degree or a diploma shall, unless exempted by the Council, pay an annual fee of twenty-five shillings, which shall be paid at the same time as the lecture fees for the first term; such fee to be used to provide for the proper maintenance of the Union under such authority and management as shall be determined by the Council.

†9. A student, who, in the opinion of the Professor or Lecturer concerned, is unable to profit by a course of lectures, may be reported to the Faculty. The Faculty, after consideration of the student's record, shall furnish a report to the Council, who may thereupon require the student to withdraw for the remainder of the academic year from one, or in special cases from more than one, course of lectures, not necessarily including that for which he has been reported.

‡10. Annual Examinations in each Faculty shall be held at such times as may be prescribed by regulation, but special examinations may be allowed to any candidate if the Faculty concerned shall so decide and the Council approve. These examinations shall be held at such times and under such conditions as the Faculty may in each case determine with the approval of the Council.

* Allowed 2nd December, 1926. † Allowed 7th December, 1927.
‡ Allowed 7th December, 1932. Allowed 27th December, 1899.

Chapter XXVII.—Of the Board of Commercial Studies.

1. There shall for the present be a Board of Commercial Studies. The Board shall consist of the Chancellor and Vice-Chancellor (who shall be members ex officio) and of such other persons as the Council shall from time to time appoint. At its ordinary meeting in each month of November the Council shall declare the offices of its appointees vacant, and appoint the same or other persons to be members of the Board.

2. The Board shall advise the Council upon all matters touching the studies, lectures, and examinations in Commercial subjects, and the appointment of Lecturers and Examiners, and may perform such other duties and exercise such powers as the Council shall delegate to it.

3. The Board shall annually elect a Chairman.

4. The Chairman shall:—

(a) At his own discretion or upon a written request by the Chancellor, Vice-Chancellor, or two other members of the Board, convene meetings of the Board.

(b) Preside at meetings of the Board.

(c) Exercise (subject to the control of the Board) a general control over its administrative business.

(d) Perform such other duties as the Council shall from time to time prescribe.

5. Whenever the Chairman is absent from a meeting, the Board shall select another member to preside during the Chairman's absence.

Allowed 24th December, 1902.

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

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

*1. There shall be a Medal, to be called the "Joseph Fisher Medal of Commerce," which shall be awarded annually to the candidate for the Diploma in Commerce who, on completing the course for such Diploma, shall, in the opinion of the Examiners, be the most distinguished, and be considered by them worthy of the award.

†2. No candidate shall be eligible for the Medal if he fails to complete the course for the said Diploma within six years of his entering upon the course, except for special reasons to be allowed by the Council; nor shall any candidate be eligible if he has received exemption from examination in any subject.

3. There shall also be established a Lecture on a subject relating to Commerce, to be called the "Joseph Fisher Lecture," and to be delivered in the University every alternate year, and subsequently published.

4. The Lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.

5. The subject of the Lecture shall from time to time be approved by the Council of the University.

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

* Allowed 12th December, 1907. † Allowed 5th December, 1918.

publication of his Lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the Professors, Lecturers, and Examiners engaged or to be engaged in the work of the Commercial Courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

Allowed 12th August, 1903.

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

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

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

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

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

Chapter XXX.—Of the Tinline Scholarship.

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

*1. There shall be two scholarships, each tenable for two years, to be called "The Tinline Scholarships," one of which shall be awarded every year provided that there is a candidate of sufficient merit. Subject to this provision the scholarship shall be awarded to the candidate for the honours degree of Bachelor of Arts who shall be placed highest in the final examination in the school of Modern History. If in any year there is no candidate for the final honours examination in the school of History, the scholarship for that year may be awarded on the examinations in History for the ordinary degree of Bachelor of Arts.

†2. Each scholar shall prepare an original thesis on some subject of Imperial or Colonial History to be approved of by the Faculty of Arts

* Allowed 12th December, 1929. † Allowed 1st April, 1920.

before the thirty-first day of March following the date of the award of his scholarship, and shall present such thesis before the thirtieth day of August in the following year. Provided, however, that in special circumstances the Council shall, in both instances, have power to grant an extension of time.

3. Each scholar shall receive the sum of thirty pounds per annum, subject to the following conditions: the first payment to be made at the end of the sixth month after the subject of the thesis has been approved by the Faculty, and the second payment after the thesis has been approved by the Council.

4. The scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if their conduct is not satisfactory, they may be deprived of their Scholarships by the Council at any time.

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

Allowed 1st April, 1908.

Chapter XXXI.—Of the David Murray Scholarships.

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

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

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

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

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

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

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

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

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

Chapter XXXII.—Infectious Diseases.

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

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

Allowed 24th August, 1910.

Chapter XXXIII.—The Lowrie Scholarships.

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

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

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

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

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

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

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

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

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

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

Allowed 10th August, 1916.

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

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

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

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

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

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

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

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

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

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

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

Allowed 17th December, 1931.

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

Whereas Miss E. 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 in letters and philosophy, shall have written the best poem or poems, under conditions prescribed by the Faculty of Arts in June of each year; provided that, if the Examiners shall not consider any candidate worthy to receive the Prize, it shall lapse for that year.

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

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

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

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

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

* Allowed 6th December, 1923. † 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 theoreof 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

* Allowed 3rd January, 1929.

Horticultural Society of South Australia, Incorporated (hereinafter called "the said Society"), and one by the Council of the University (hereinafter called "the Council").

*2. The Scholarships to be awarded by the said Association and the said Society respectively shall be awarded before the first day of March in each year to students who

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

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

(c) are considered by the said Association and the said Society respectively worthy to receive the Scholarships.

‡3. The Scholarships to be awarded by the Council shall be awarded before the first day of March in each year to students who

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

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

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

4. Each Scholarship shall be tenable for five years, and shall entitle the Scholar to exemption from the payment of all fees for lectures and examinations (except supplementary examinations) in the subjects prescribed for the Diploma in Commerce, and from the payment of the fee for the said Diploma.

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

§6. In the event of a Scholarship being forfeited as aforesaid, or lapsing or becoming vacant before the holder completes his course for the Diploma in Commerce, the Scholarship shall not be rewarded.

* Allowed 12th August, 1915.
† Allowed 6th December, 1922.
‡ Allowed 12th August, 1915.
§ Allowed 3rd January, 1929.

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 24th December, 1913.

Chapter XXXVII.—Of the Alexander Clark Memorial Prize.

Whereas the sum of £255 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Inspector Alexander Clark, it is hereby provided that—

1. The Prize shall be called the "Alexander Clark Memorial Prize."

2. Candidates for the Prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of 10s. 6d. shall be paid by each candidate.

*3. The limits of age for candidates shall be as follows:—

Singing	not less than	17	nor more than	24
Organ	"	14	"	24
Pianoforte) Violin)	"	12	"	21
Violoncello	"	12	"	24

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended for at least two years, between the ages of eleven and sixteen, a School under the Education Department of South Australia. 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.

4. Should no candidate at any examination show sufficient merit, the Prize shall lapse for one year, after which it shall be offered afresh.

5. The Prize shall, for the present, be of the annual value of £12 10s., tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the Prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

* Allowed 10th December, 1919.

6. Payment of the Prize shall be made in four equal instalments in each year, one at the beginning of each term.

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

8. In the event of the Prize lapsing for any year, as provided for in Rule 4, the income for that year shall be added to the capital account, and in the event of the holder resigning of forfeiting it before the commencement of the last term in any academical year, the unexpended income for the rest of that year shall be added to the capital account. For each £50 added to the capital, the value of the Prize shall be increased by £2 10s. per annum.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the Prize shall be offered for competition at the end of the academic year.

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

* Allowed 10th December, 1925. Allowed 13th December, 1917.

Chapter XXXVIII.—Of the Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a Prize in memory of the late Lord Lister, it is hereby provided that:—

1. The Prize shall be called the "Lister Prize."

2. It shall be awarded in the year 1916, and each second year thereafter, and shall consist, until otherwise determined, of a bronze medal and the sum of £7.

3. It shall be open to competition by medical graduates of the University of not more than five years' standing, and shall be awarded for the best original thesis on some clinical surgical or clinical medical subject.

4. Every thesis intended for competition must not have been previously presented for any competition or prize, and shall reach the Registrar not later than the 30th September in the year of the award.

5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall be empowered either to make the award or to report that no thesis presented is worthy.

6. In case of the Prize not being awarded in any year, it shall be offered for competition again in the following year. If not then awarded the income shall be dealt with as the Council may direct.

7. The Prize shall not be awarded twice to the same person.

8. These Statutes may be varied by the Council from time to time, but the title and general purpose of the Prize shall not be altered.

Allowed 10th December, 1915.

Chapter XXXIX.—Of the John Lorenzo Young Scholarship and the John L. Young Scholarship for Research.

Whereas the sum of £200 has been bequeathed to the University by the late John Harvey Finlayson for the purpose of founding a Scholarship in Political Economy, or some cognate subject, in memory of the late John Lorenzo Young, the founder and proprietor of a school formerly existing in Adelaide, known as "The Adelaide Educational Institution": And whereas, to further perpetuate the memory of the said John Lorenzo Young, some of his old pupils have subscribed and paid to the University a further sum of seven hundred pounds for the purpose of promoting, with the income thereof, original research in any department of knowledge: Now it is hereby provided as follows:—

A. The John Lorenzo Young Scholarship.

1. The said sum of £200 shall be invested, and with the income thereof a Scholarship is hereby established, to be called "The John Lorenzo Young Scholarship."

2. The Scholarship shall be awarded for research in Political Economy, or some cognate subject.

3. Candidates must be present or past students of the University who have passed in a degree course the subject of Economics, or a subject judged by the Faculty of Arts to be cognate to Economics, not more than six years before the date of the award.

4. The Scholarship shall be awarded by the Council on the recommendation of the Faculty of Arts, but no award shall be made unless there is a candidate of sufficient merit.

5. The Scholarship shall be of the value of thirty pounds, and shall be offered first in December, 1918, and thereafter triennially, or as often as

the income from the investments of the said sum of two hundred pounds and any additions thereto as hereinafter mentioned shall amount to thirty pounds.

6. If no suitable candidate presents himself in any year when the Scholarship is offered, it shall not be offered again for twelve calendar months; and the income during such period shall be added to the said sum of two hundred pounds and invested for the purpose of the Scholarship.

7. The Scholar shall, after his election, prepare an original thesis on some topic of Political Economy, or any cognate subject to be prescribed, or approved, by the Faculty of Arts.

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

9. The said sum of thirty pounds shall be paid as follows: ten pounds when the award is made, another ten pounds at the end of six calendar months after the date of the award, provided the Faculty of Arts are satisfied with the progress made by the Scholar in his work; and the remaining ten pounds on the completion of the work to the satisfaction of the Faculty.

10. Applications for the Scholarship must be lodged with the Registrar not later than the 1st November in the year in which it is offered, or such other date as the Council may appoint; and each candidate shall, if required, state in his application the subject of the thesis he proposes to write.

11. The Scholarship may be held in conjunction with any other Scholarship or Prize at the University, but shall not be awarded more than once to the same candidate.

12. The above Statutes may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.

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."

* This endowment has now been increased to £1,000.

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.

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 10/, 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, Violon-

* Allowed 10th December, 1919.

cello, Pianoforte, Organ, or Singing; but in case of equality of merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of 10/6 and shall undergo such examination as the Council may direct.

*4. The limits of age for candidates shall be as follows:—

Singing—Not	less than	17	nor more than	24
Organ	"	14	"	24
Pianoforte } Violin }	"	12	"	21
Violoncello	"	12	"	24

on the first day of December in the year in which the examination is held. No person who has gained a Scholarship or Prize tenable for three years in the Elder Conservatorium shall be eligible for one of these Scholarships in the same subject.

5. Should no candidate at any examination show sufficient merit, the Scholarship shall lapse for the period of one year, after which it shall be offered afresh.

†6. Every holder of a Scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the Diploma course he shall be required to pass an 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.

7. Payment of the annual value of a Scholarship shall be made in four equal instalments, one at the beginning of each term.

8. One Scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effuxion 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, 1919. † Allowed 10th December, 1925.

Allowed 11th April, 1918.

Chapter XLII.—Of the A. M. Simpson Library in Aeronautics.

Whereas Mrs. A. M. Simpson has paid to the University the sum of five hundred pounds for the purpose of founding a library in aeronautics in memory of her late husband, Alfred Muller Simpson:—

It is hereby provided that:—

1. The Library shall be called the A. M. Simpson Library in Aeronautics.

2. Interest on the endowment at the rate of five per centum per annum shall be annually set aside for the purchase of books on Aeronautics.

3. The books shall be available for study to all persons on the same conditions as other books in the University Library.

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

Allowed 5th December, 1918.

Chapter XLIII.—Of the Ernest Ayers Scholarships in Botany or Forestry.

*Whereas the late Ellen Milne Bundey, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a Scholarship or Scholarships for the encouragement of original research in Botany or Forestry, such Scholarship or Scholarships to be called "The Ernest Ayers Scholarship or Scholarships":

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

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

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

any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

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

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

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

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

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

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

† Allowed 10th December, 1925. * Allowed 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.

Allowed 9th December, 1920.

Chapter XLV.—Of the Barr Smith Library.

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

It is hereby provided that—

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

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

Allowed 9th December, 1920.

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

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

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

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

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

4. He shall not, unless by special permisison of the Council, retain the Bursary for a longer period than five years.

5. The Society may at any time, with the permisison of the Council, substitute another student for the then holder of the Bursary, and the privileges of the then holder shall thereupon be at an end.

6. This Statute may be varied from time to time, but the title of the Bursary shall not be changed.

Allowed 6th December, 1923.

Chapter XLVII.—Of the Elizabeth Jackson Library.

Whereas the sum of £750 (of which £650 was raised by public subscription and £100 was given by the Old Scholars' Association of the Methodist Ladies' College, Adelaide) has been paid to the University for the purpose of founding a special library for the study of psychology in memory of the late Sarah Elizabeth Jackson, M.A., formerly tutor in philosophy in this University:

It is hereby provided that—

1. The library shall be called "The Elizabeth Jackson Library."

2. The interest on the endowment at the rate of five per cent. per annum shall be annually set aside for the purchase of books and apparatus for the study of psychology, especially the psychology of abnormal children.

3. The books shall be available to all persons on the same conditions as other books in the University library.

4. This Statute may be varied from time to time, but the title and the purposes of the Endowment shall not be changed.

Allowed 11th December, 1924.

Chapter XLVIII.—Of St. Mark's College, Incorporated.*

Whereas application has been made by the governing body of St. Mark's College, Incorporated, for affiliation to the University:

It is hereby provided that—

St. Mark's College, Incorporated, is hereby affiliated to the University of Adelaide as a College for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students.

Allowed 7th December, 1927.

* For particulars of St. Mark's College, see pp. 222-224.

Chapter XLIX.—Of the Appointments Board.

1. The Council shall create a Board, to be called the Appointments Board, to assist undergraduates of at least two years' standing, holders of diplomas, and graduates to obtain appointments. The Board may also deal with such other matters as the Council may refer to it.

2. The Board shall elect annually a Chairman, and shall appoint a Secretary from time to time.

3. It shall be the duty of the Board to keep a register of those desiring employment and of employers who may be willing to give such employment, and the Board shall take such steps as may seem advisable in the interests of both classes.

4. The Board shall have power to make such rules and to charge such fees as may be approved from time to time by the Council.

Allowed 10th December, 1925.

Chapter L.—Of the Thornber Bursary.

Whereas the old scholars of the Unley Park School have subscribed the sum of £450 for the purpose of founding a bursary in memory of the late Catherine Maria Thornber, formerly principal of that school; it is hereby provided as follows:—

1. A bursary for women students, tenable for one year, to be called the Thornber Bursary, of the value of £22 shall be awarded annually by the University to the candidate nominated by the Institute of Associated Teachers.

2. The candidate must have satisfied the requirements of the University for entrance upon the degree course which she proposes to take, and shall, as soon as possible after the award (unless the Council shall allow a delay) enter the University and commence study in some course approved by the Dean of the Faculty concerned.

3. If for any reason the candidate shall fail to comply with the condition of Clause 2 the bursary may, at the discretion of the Council, be awarded to another candidate who shall be nominated by the Institute of Associated Teachers.

4. In the event of the bursary being vacant on the first day of March in any year, such bursary shall be available for award to any woman candidate by the Council at its discretion.

5. Payment of the bursary shall be made in three equal instalments at the beginning of each term of the year of tenure, subject as to the second and third payments to the condition that the work done by the student be deemed satisfactory by the Dean of the Faculty.

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

Allowed 10th December, 1925.

Note.—Candidates who desire to compete for the above Bursary and are eligible to do so must give notice on the proper form when they enter for the Leaving Examination. The form and full particulars may be obtained from the Secretary of the Institute of Associated Teachers.

Chapter LI.—Of St. Andrew's College.*

Whereas application has been made by the governing body of St. Andrew's College for affiliation to the University:

It is hereby provided that—

St. Andrew's College 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.

* For particulars of St. Andrew's College, see pp. 225-226.

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 may be awarded by the Council to such candidate as in the opinion of the Faculty of Law shall have written the best original thesis on any legal subject approved by the Faculty and the Council, which thesis is in the opinion of the examiners of sufficient merit.

3. The prize may be awarded to the author of any book on any legal subject published prior to and within 18 months of the last day for the submitting of theses, provided that the other conditions of the prize have been fulfilled.

4. Where, in the opinion of the examiners, two or more theses shall be considered of equal merit, the prize shall be awarded to the thesis the subject-matter of which is deemed by the examiners to be of greater interest or utility from the point of view of the Law of the Commonwealth or of South Australia.

5. No thesis submitted for competition shall have been previously submitted for any competition or prize at the University of Adelaide or elsewhere.

6. Candidates must either have graduated by examination in Law at the University of Adelaide, or having been resident in South Australia at least two years immediately preceding the last day for submitting the thesis, have been admitted *ad eundem to* a degree in Law in this University.

7. If any thesis be considered by the examiners sufficiently meritorious to qualify for the prize but inferior to another thesis submitted at the same competition, the former thesis may be resubmitted (subject to Clause 3 hereof) at a subsequent competition, but may be then awarded the prize only if no other thesis of sufficient merit to qualify for the prize is submitted for the first time at such subsequent competition.

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

9. A typewritten or printed copy of the successful thesis shall be deposited by the candidate in the Library of the University, but shall be made available to the candidate for a period of one month, or for such further period as the Faculty may allow if he wishes to publish the same.

In case of publication the University shall have no rights in respect of the thesis so published, but a printed copy shall be presented by the candidate to the Council of the University.

10. Theses shall be submitted not later than the first day of July in any year.

Allowed 3rd January, 1929.

Chapter LIII.—Of the Rennie Scholarship for Research in Chemistry.

Whereas the sum of £320 has been handed to the University by subscribers for the purpose of founding a Research Scholarship to perpetuate the memory of the late Edward Henry Rennie, Professor of Chemistry in the University during the period 1884-1927, it is hereby provided that:

1. The said sum of £320, and any additions thereto that may hereafter be made, shall be invested and shall be called the Rennie Research Fund. With the income thereof a scholarship shall be established and called the Rennie Scholarship for Research in Chemistry.

2. The Scholarship shall be awarded by the Council, on the recommendation of the Faculty of Science, for the purpose of assisting the scholar to undertake research work in Chemistry: but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

3. Candidates must be graduates or past or present students of the University. There shall be no age limit.

4. The Scholarship shall be of the value of £50, and shall be offered first in November, 1933, and thereafter triennially, or as often as the income from the fund shall amount to £50.

5. If no suitable candidate presents himself for the Scholarship in any year in which it is declared vacant, it shall not be offered again for twelve months; and the income during such period shall be added to the capital of the fund and invested for the purpose of the Scholarship.

6. Applications for the Scholarship must be lodged with the Registrar not later than the first day of November of the year in which an award is to be made. Each candidate must specify, for the approval of the Faculty, the particular research work he proposes to undertake.

7. Payment shall be made to the scholar in two equal instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of the Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

8. The Scholarship may be held in conjunction with any scholarship or prize at the University; and the work during the tenure of the Scholarship shall be carried out in the laboratories of the University.

9. These Statutes may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 10th December, 1930.

Chapter LIV.—Of the Board of Pharmaceutical Studies.

1. There shall be a Board of Pharmaceutical Studies. The Board shall be appointed annually and shall consist of

(a) the Chancellor, the Vice-Chancellor, and the Angas Professor of Chemistry;

(b) the President and the Secretary of the Pharmaceutical Society of South Australia Incorporated, and the President of the Pharmacy Board;

(c) such other persons as the Council shall from time to time appoint.

2. The Board shall fulfil the functions prescribed by the Regulations of the Diploma in Pharmacy and shall advise the Council upon all matters touching the studies, lectures and examinations in the subjects for the Diploma in Pharmacy and the appointment of lecturers and examiners, and shall perform such other duties and exercise such powers as the Council shall delegate to it.

3. The Angas Professor of Chemistry shall be Chairman of the Board.

4. The Chairman shall:

(a) At his own discretion or upon a written request by the Chancellor, Vice-Chancellor, or two other members of the Board, convene meetings of the Board;

(b) Preside at meetings of the Board and of the Board of Examiners;

(c) Exercise, (subject to the control of the Board), a general control over its administrative business;

(d) Perform such other duties as the Council shall from time to time prescribe.

5. Whenever the Chairman is absent from a meeting, the Board shall select another member to preside during the Chairman's absence.

Allowed 7th December, 1932.

REGULATIONS.

For Conditions of Matriculation see Chapter 9 of the Statutes.

The numbers in brackets after the subjects refer to the courses in the Syllabus in the Appendix.

OF THE DEGREE OF BACHELOR OF ARTS.

REGULATIONS.

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

2. The following shall be the subjects of lectures and examinations for the Ordinary degree:—

Group 1.—Greek (1, 2 and 3) (three courses), Latin (5, 6 and 7) (three courses), *Comparative Philology (9) (one course), German (36 and 37) (two courses), French (26, 27 and 28) (three courses).

Group 2.—English Language and Literature (16, 17 and 18) (three courses), Modern History (41, 42, 43, 44, 45 and 46) (four courses), Economics (51 and 52) (two courses), Economic History (55) (one course).

Group 3.—Psychology (61) (one course), Ethics (65) (one course), Logic (62) (one course), Education (76) (one course), Philosophy (66 and 67) (two courses), Jurisprudence (312) (one course), Pure Mathematics (86, 87 and 89) (three courses).

†Group 4.—Applied Mathematics (92 and 93) (two courses), Physics (101 and 102) (two courses), Chemistry (111, 113, 114, 115 and 116) (two courses), Geology and Mineralogy (141 and 142) (two courses), Botany (151 and 152) (two courses), Zoology (161 and part of 162) (two courses).

Group 5.—Music (as prescribed for the first year of the course for the degree of Bachelor of Music), *Geography (59) (one course).

A course consisting of that division of a subject which is completed in one year, shall count as one unit, excepting that Music, the third course in Pure Mathematics, the second course in Physics, the second course in Chemistry, and the second course in Greek, shall each count as two units.

*** Allowed 10th December, 1930. † Allowed 17th December, 1931.**

3. Candidates for the Ordinary degree shall attend lectures and pass examinations in ten of the units that are set out in Regulation 2. Their selection shall be made in accordance with the following provisions:—

(a) Two units, of which Latin or Greek shall be one, must be selected from Group 1.

(b) One unit must be selected from each of the Groups 2, 3, and 4.

(c) Every candidate must select certain principal subjects for consecutive study. He may choose any one of the following:—

(1) Two subjects of three courses each, and one subject of two courses; or,

(2) One subject of three courses, and three subjects of two courses each; or,

(3) One subject of four courses, and two subjects of two courses each.

*For the purpose of this regulation these are regarded as courses in one subject:—

(1) One or two courses in a language in Group 1 with Comparative Philology;

(2) Psychology with any one or two of Logic, Ethics, Philosophy Part I, Philosophy Part II, Education;

‡(3) Psychology with Philosophy Part I and Part II, and either Ethics or Logic;

(4) Economics (one or two courses) with either Economic History or Geography;

(5) Economics (first course) with any one or two of Economic History, Ethics, Jurisprudence.

(d) Not more than four units may be selected from Group 4.

†(e) No candidate may present both Geography and Geology I as units in his course for the degree of Bachelor of Arts.

*(f) Not more than four units which have been presented for any other degree may be counted towards the degree of Bachelor of Arts.

(g) Candidates may not, without permission of the Faculty, proceed to a later unit in a subject until they have passed the examination in the preceding part or parts of the subject.

4. Candidates for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:—(a) Classics (11),

* Allowed 10th December, 1930. † Allowed 12th December, 1929.
‡ Allowed 7th December, 1932.

(b) History (48), (c) Philosophy (69), (d) Mathematics (95), (e) English Language and Literature (20), or in a combined course approved by the Faculty, including such subjects of two schools as are deemed equivalent to a single school.‡

Candidates desiring to enter for an Honours school must obtain the approval of the professor concerned, after having taken at least one course in the school. The final examination may not, except by special permission of the Faculty, be taken until four years of study have been completed after matriculation.

(a) Candidates for the Honours degree in Classics shall pass in Comparative Philology, Latin I, II, and III, Greek I, II, III, and English I.

(b) Candidates for the Honours degree in History shall pass in British History A, British History B, British History C, European History A, European History B, *Economics I, Economic History and one additional unit.

(c) Candidates for the Honours degree in Philosophy shall pass in Psychology, Logic, Ethics, Philosophy I and II, Economics I, and two additional units.

(d) Candidates for the Honours degree in Mathematics shall pass in Pure Mathematics I, II, and III, Applied Mathematics I and II, Physics I, and two additional units not included in Group 4.

(e) §Candidates for the Honours degree in English Language and Literature shall pass in English Language and Literature A, B, and C, and two additional units, including one language unit.

(f) †Candidates for the Honours degree in History and Philosophy must pass and obtain honours in Ethics, Philosophy II, European History A, and European History B. They must also pass in three additional units, including Psychology, and must be able to translate from one modern language.

All the above-mentioned units must, except in special cases approved by the Council, be completed before or in the year in which the candidate presents himself for the final examination.

To obtain the Honours degree a candidate must have been placed in the class list at the final examination. The names of candidates who pass the final examination shall be arranged alphabetically in two classes. Candidates who fail to obtain either first or second class Honours may

*** Allowed 17th December, 1931. † Allowed 3rd January, 1929.**
§ Allowed 3rd January, 1929, and amended 7th December, 1932.

‡ Note.—The Faculty of Arts is prepared to consider applications from students desirous of taking any combined course for Honours which has not hitherto been approved by the Faculty.

be awarded the Ordinary degree provided that they have in all other respects completed the work for the Honours degree.

5. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council. Exemption in more than two units in any one year shall be allowed only under very exceptional circumstances. All candidates shall be required to do such written or practical work as may be prescribed by the professor or lecturer.

6. Schedules defining the range of study, laboratory work, and examinations shall be published as early as possible in each year.

7. All examinations shall take place toward the end of the academic year. Candidates shall enter their names a month before the day fixed for examination, and shall when entering present certificates showing that they have regularly attended the prescribed lectures and done written, laboratory, or other practical work (where such is required) to the satisfaction of the professors or lecturers . Written or practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

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 Arts.

8. Candidates who have passed examinations in *pari materia* in other Faculties or otherwise, or who desire that their work at other Universities should be counted *pro tanto* for the degree of Bachelor of Arts, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

9. No graduate who has obtained the Honours degree of Bachelor of Science in the department of Mathematics may obtain the Honours degree of Bachelor of Arts in Mathematics.

10. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

A. Ordinary degree of B.A.:—

1. For lectures and examination in each course in Groups 1, 2, and 3 (except Pure Mathematics, third course)	£5 5 0
2. For Pure Mathematics (third course)	6 6 0
3. For Jurisprudence the same fee as is prescribed in the Regulations of the degree of Bachelor of Laws.	

4. For lectures, laboratory work, and examinations in each course in Group 4 the same fees as are prescribed in the Regulations of the degree of Bachelor of Science.

*B. Honours degree of B.A.:—

1. For such subjects of the course for the Ordinary degree as they are required to pass, candidates shall pay the fees prescribed in Sub-section A.

2. For lectures in the following departments:—

Classics	£15 15 0
†History	15 15 0
Philosophy	15 15 0
Mathematics	15 15 0
English Language and Literature	31 10 0
History and Philosophy combined	21 0 0
3. For the Examination in each Department	7 7 0

NOTE.—The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses which the head of the Department considers necessary for the Honours course in the subject selected.

The total fee for each of the above courses, except Mathematics, is sixty-two guineas.

C. Fee for the Ordinary or the Honours degree of Bachelor of Arts 5 5 0

One half of the fee prescribed for any course shall be paid by students who are exempted from lectures, and by those who take lectures or examinations, or both, a second time.

The fees which candidates pay for a course of lectures or an examination which they afterwards find themselves unable to attend shall not be returned, unless the Council shall otherwise determine.

11. All previous regulations concerning the degree of Bachelor of Arts are hereby repealed. Candidates who have matriculated in or before the year 1926 and who have passed in not more than four units shall be required to pass in a total of ten units; candidates who have matriculated in or before the year 1926 and who have passed in more than four but not more than seven units, shall be required to pass in a total of eleven units; candidates who have matriculated before the year 1926 and who have completed more than seven units must apply to the Council for status.

* Allowed 3rd January, 1929. † Allowed 17th December, 1931.
Allowed 2nd December, 1926.

For Syllabus, see Appendix.

OF THE DEGREE OF MASTER OF ARTS.

REGULATIONS.

1. A Bachelor of Arts may proceed to the degree of Master of Arts by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one year from the date of his admission to the Honours degree of Bachelor of Arts.

2. A candidate for the degree of Master of Arts must

(a) have obtained the Honours degree of Bachelor of Arts; or

(b) have passed an examination of standard equivalent to that required for the Honours degree of Bachelor of Arts; or

(c) satisfy the head of the department in which his subject of study relates of his ability to proceed to the degree.

3. Every candidate shall either

(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required adduce sufficient evidence that the thesis is his own work: provided that in Classics a candidate may present himself for an examination in lieu of presenting a thesis; or

(b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and History, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, History and Classics.

The Faculty will consider applications for permission to take combined courses other than those set out above.

*4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognized by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

* Allowed 17th December, 1931.

5. The following fees shall be payable in advance:

On approval of the subject of the thesis, or on beginning the course of study	£10 10 0
On admission to the degree	5 5 0

6. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

Allowed 10th December, 1930.

OF THE DEGREE OF DOCTOR OF LETTERS.

REGULATIONS.

*1. A Bachelor of Arts with Honours, or a Master of Arts, or Master or Doctor in any other Faculty who has satisfied the Faculty of Arts that he has had an adequate training in Letters, may proceed to the degree of Doctor of Letters by complying with the following regulations:—

*2. No candidate shall be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Arts with Honours, or of Master of Arts, or of Master or Doctor in another Faculty.

3. Every candidate shall submit to the examiners for the degree a published work, or a typewritten thesis, or a combination of published and unpublished work. The work submitted shall contain an original, substantial, and scholarly contribution to some branch of letters. If the work be a thesis its subject must be proposed by the candidate and approved by the Faculty of Arts at least twelve months before the date on which it is presented for examination.

4. Two copies of the work submitted by the candidate shall be forwarded to the Registrar not later than the 1st day of May in the year in which he desires admission to the Doctorate.

5. One copy of any work approved by the examiners shall be deposited by the candidate in the library of the University before he is admitted to the degree.

6. The following fees shall be paid in advance:—

On presentation of the work	£15 15 0
On admission to the degree	10 10 0

* **Allowed 7th December, 1927.** **Allowed 2nd December, 1926.**

OF THE DEGREE OF BACHELOR OF ECONOMICS

REGULATIONS.

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

2. Candidates for the Ordinary degree shall, unless exempted, attend lectures regularly, and shall pass examinations in the following subjects:—

First Year—
French I (26), German I (36), or Latin I (5),
Economics I (51),
Pure Mathematics I (86),
Accountancy I (482),
Statistics I (486).

Second Year—
Economics II (52),
Economic History (55),
Psychology (61), Physics I (101), or Geography (59),
Commercial Law I (485).

Third Year—
Economics III,
Statistics II and Actuarial Mathematics,
Commercial Practice (487).

The subjects prescribed in this regulation are set out in years, but it is not necessary for a candidate to pass at one examination all the subjects prescribed for a year. The subjects of the course should, as far as possible, be taken in the order indicated, but students may, within certain limits, and in each case subject to the approval of the Faculty, change the order in which the subjects are taken.

3. Candidates for the Honours degree shall, in addition to complying with Regulation 2, devote a further year to the study of Economics, and shall perform such additional work as the Professor may prescribe.

The names of candidates who pass the final honours examination shall be arranged alphabetically in two classes.

4. Candidates may be granted exemption from attendance at lectures in any subject, or subjects, in which they desire to be examined, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only under very exceptional circumstances.

5. All candidates will be required to do such written or practical work as may be prescribed by the professor or lecturer concerned.

6. Schedules defining the range of study, practical work, and examinations shall be published as early as possible in each year.

7. All examinations shall take place towards the end of each academic year. Candidates shall enter their names a month before the day fixed for examination, and shall, when entering, present certificates showing that they have attended regularly the prescribed lectures, and have done written or other practical work (where such is required) to the satisfaction of the professors or lecturers concerned.

8. Written or practical work done by candidates by direction of the professor or lecturer concerned, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

9. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

10. Candidates who have passed equivalent examinations in other Faculties or otherwise, or who desire that their work at other Universities should be counted *pro tanto* for the degree of Bachelor of Economics, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

Not more than four units which have been presented for any other degree may be counted towards the degree of Bachelor of Economics. Candidates who have already counted towards another degree more than four of the units in the course for the degree of Bachelor of Economics shall be required to attend lectures and pass examinations in such other subjects as may be prescribed by the Council.

11. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

(a) For lectures and examinations:

(1) For those subjects which are included in the Regulations for the degree of Bachelor of Arts—the fees prescribed in those Regulations.

(2) For those subjects from the courses for the diplomas in Commerce and Public Administration—the fees prescribed in the regulations for the diplomas in Commerce and Public Administration.

(3) Economics III £5 5 0
Statistics II and Actuarial Mathematics 5 5 0

(4) For the honours work in Economics 10 10 0
(b) For the Ordinary or Honours degree of Bachelor of Economics 5 5 0

One-half of the fee prescribed for any course except the honours course in Economics shall be paid by students who are exempted from attendance at lectures, and by those who attend lectures or take examinations ,or do both, a second time.

Allowed 10th December, 1930.

OF THE DEGREE OF BACHELOR OF SCIENCE.

REGULATIONS.

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

2. To obtain the degree, whether the Ordinary or the Honours degree, every candidate shall, unless exempted, attend regularly courses of lectures and pass examinations in Physics (101) and Chemistry (111) and in two of the following, Pure Mathematics (86), Botany (151), Geology (141), or Zoology (161), within a range of study to be annually defined in the schedules hereinafter mentioned. These shall be called the compulsory subjects for the degree.

Provided that students

1. Taking Physiology and Biochemistry or Zoology as a subject for the final examination for the degree, must have taken Zoology I as a compulsory subject.
2. Taking Botany as a subject for the final examination, must have taken Botany I as a compulsory subject.
3. Taking the course in Mathematics I, shall be assumed to have reached a standard equivalent to that required for Mathematics, Part 2, at the Leaving Examination.

*3. Candidates for the Ordinary degree shall *either*, in addition to complying with Regulation 2, regularly attend lectures and practical work and pass examinations in accordance with the provisions of A or B below *or* comply with Regulation 4 or 5:

A. (1) Shall pass in three of the following nine second-year subjects, *or* shall pass in two of the following nine second-year subjects and an additional first-year or compulsory subject:—

(a) Mathematics, Pure and Applied (87 and 92), (b) Physics (102), (c) Organic Chemistry (115 and 116), (d) Inorganic and Physical

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Chemistry (113 and 114), (e) Physiology and Biochemistry (171 first year), (f) Geology (142), (g) Botany (152), (h) Zoology (162 second year), (j) Surveying (282);

†Provided that, if a student has attended the course of instruction in Elementary Physical Chemistry (121) during one term, and in Histology during two terms, and has passed the examinations in those subjects, Physiology and Biochemistry shall, for the purposes of this regulation, count as two second-year subjects;

And (2) shall pass in two of the following nine third-year subjects:—

(a) Mathematics (89 or 90), (b) Physics (104), (c) Organic Chemistry, including a certain amount of Applied Chemistry (119 and 120), (d) Physical, Inorganic, and Applied Chemistry (117 and 118), (e) Physiology and Biochemistry (171 second year), (f) Geology (144), (g) Botany (153), (h) Zoology (162 third year), (j) Surveying (282);

or

B. Shall pass in the following subjects, which form a special course for students desirous of studying those sciences which are fundamental to the secondary industries which employ animal and plant products:—

1. Chemistry (113, 114, 115, 116, 119 and 120).
2. Physiology and Biochemistry (171, parts 1, 2 and 3), omitting the Physiology of the Senses, Central Nervous System and Neuromuscular System, and extending over three terms of one year and the first term of a second year.
3. Bacteriology (second and third terms only after the conclusion of the above course in Physiology and Biochemistry).

*4. Candidates for the Ordinary degree in a special course arranged for those desirous of studying Physiology and Psychology, and sciences related thereto, shall regularly attend lectures and practical work and pass examinations in the following subjects:

First Year—Physics I (101), Chemistry I (111), Mathematics I (86), Zoology I (161), Elementary Physical Chemistry (121) (third term only)

Second Year—Organic Chemistry (115 and 116), Physiology and Biochemistry (171), Psychology and Logic (63).

Third Year—Physiology and Biochemistry (171), Advanced Psychology and Logic (64).

* Allowed 10th December, 1930. † Allowed 12th December, 1929.

*5. Candidates for the Ordinary degree of Bachelor of Science in Forestry

(a) shall complete a two years' course in the Faculty of Science, regularly attending lectures and practical work and passing examinations in the following subjects:

First Year—Physics I (101), Chemistry I (111), Botany I (151), and *one* of the following subjects: Pure Mathematics I (86), Zoology I (161), Geology I (141).

Second Year—Botany II (152), Surveying I (276), and *one* of the following subjects not passed in the First Year:—Geology I (141), Zoology I (161), and one other subject set out in 3 (a):

(b) shall subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus to be approved by the Council of the University and pass the examinations in all the subjects of the course;

(c) shall present evidence to the satisfaction of the Council (a) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (b) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purposes of this Regulation the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

*6. Except by special permission of the Faculty of Science, no student shall be admitted to any second or third year subject until he shall have completed the whole of the prerequisite subjects as set out in the syllabus for that subject.

7. Candidates for the Honours degree shall regularly attend lectures and practical work, and shall pass examinations in one of the following departments:—

(a) Mathemtaics (95), (b) Physics (108), (c) Chemistry (123), †(d) Physiology (172), (e) Geology (149), (f) Botany (155), (g) Zoology (165), (h) Vertebrate Anatomy and Morphology (180), †(j) Biochemistry (173).

Except by special permission of the Faculty of Science, no candidate shall be allowed to begin the final year's work in Honours in any department until he has completed all his compulsory subjects and done such preliminary work in allied subjects as the Faculty of Science considers to be necessary.

* Allowed 10th December, 1930. † Allowed 12th December, 1929.

Candidates for Honours in any department shall pass the prescribed examination in the corresponding subjects for the Ordinary degree before, or in the same year as, they sit for the Honours Examination.

The names of candidates who pass with Honours shall be arranged alphabetically in two classes under each department.

8. *All examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and all examinations in those subjects in which the course of instruction has been completed before the end of the second term, may be held at any convenient time, to be fixed by the Council.

In any case, candidates shall enter their names a month before the day of examination, and shall, when entering, present certificates showing that they have regularly attended the prescribed lectures, and have done written and laboratory or other practical work, where required, to the satisfaction of the professors or lecturers.

Written or practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

A candidate who fails to pass in any subject shall again attend lectures, and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Science.

*Supplementary examinations will not be held except under special circumstances to be determined by the Faculty after consideration of individual cases.

9. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council.

10. No graduate who has obtained the Honours degree of Bachelor of Arts in the department of Mathematics can obtain the Honours degree of Bachelor of Science in the corresponding department.

11. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Science, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

No graduate who has obtained the degree of Bachelor of Engineering in the department of Civil Engineering may present the subject Surveying as part of the work for the degree of Bachelor of Science.

* Allowed 10th December, 1930.

12. Schedules defining the range of study for lectures, laboratory, and other practical work and examinations shall be drawn up by the Faculty of Science, subject to the approval of the Council, and shall be published as early as possible in each year.

13. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

A. For the Ordinary Degree:—

		Lectures.	Practical Work.
1. Pure Mathematics	1st Year	£5 5 0	—
	2nd Year	5 5 0	—
	3rd Year	6 6 0	—
Applied Mathematics	1st Course	5 5 0	—
	2nd Course	5 5 0	—
2. Physics	1st Year	£5 5 0	£4 4 0
	2nd Year	6 6 0	12 12 0
	3rd Year	8 8 0	12 12 0
3. Chemistry	1st Year	5 5 0	7 7 0
	2nd Year (organic)	4 4 0	12 12 0
	3rd Year (organic)	5 5 0	15 15 0
4. Chemistry	2nd Year (physical and systematic)	4 4 0	12 12 0
	3rd Year (physical, inorganic, and applied)	5 5 0	15 15 0
5. Physiology and Biochemistry	2nd Year	5 5 0	12 12 0
	3rd Year (lectures, 2 terms)	5 5 0	12 12 0
6. Geology	1st Year	3 3 0	3 3 0
	2nd Year	4 4 0	8 8 0
	3rd Year	8 8 0	12 12 0
7. Botany	1st Year	3 3 0	5 5 0
	2nd Year	4 4 0	12 12 0
	3rd Year	5 5 0	12 12 0
8. Zoology	1st Year	3 3 0	5 5 0
	2nd Year	4 4 0	12 12 0
	3rd Year	5 5 0	12 12 0
9. Surveying	2nd Year / 3rd Year	Inclusive fee for lectures and practical work	22 18 6
*Surveying, Forestry Course		—	4 14 6
10. Psychology and Logic		5 5 0	—
Advanced Psychology and Logic		5 5 0	—

* The fee for a supplementary examination in any subject shall be £5 5/

Allowed 10th December, 1930.

B. Honours Degree of B.Sc.:—

1. Mathematics (as for the Honours degree of B.A.)			
2. Physics	£25	0	0
†3. Physiology	25	0	0
4. Geology and Mineralogy	25	0	0
5. Botany	25	0	0
6. Zoology	25	0	0
7. Vertebrate Anatomy and Morphology	25	0	0
8. Chemistry per annum	25	0	0
†9. Biochemistry	25	0	0

Note.—The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the head of the department considers necessary for the Honours Course in the subject selected.

C. Fee for the Ordinary or the Honours degree of Bachelor of Science £5 5 0

Students exempted from attendance at lectures or practical work, and those who have previously failed, shall pay the following fees for examination:—

(a) For the theoretical examination in any subject in Clause A, half the lecture fee.

(b) For the practical examination:

In any compulsory subject	£1	11	6
In any other subject in Clause A	2	12	6

(c) For the whole examination in any subject for the Honours degree 7 7 0

Students taking a course of lectures and examination a second time shall pay half fees, but full fees will be required for a repeated course of laboratory work.

*The fees for the course at the Australian Forestry School are not included in these regulations.

14. Candidates who have entered under the regulations hereby repealed may proceed thereunder notwithstanding such repeal, or may be allowed by the Council, on such conditions as it shall in each case allow, to proceed under the regulations hereby substituted.

* Allowed 10th December, 1930. † Allowed 12th December, 1929. Allowed 3rd January, 1929.

For Syllabus, see Appendix.

OF THE DEGREE OF MASTER OF SCIENCE.

REGULATIONS.

1. A Bachelor of Science may proceed to the degree of Master of Science at the expiration of two academic years from the granting of the pass degree, or one year from the granting of the Honours degree of B.Sc.

2. Every candidate who has not obtained Honours Class I or II with his B.Sc. degree shall pass an examination approved by the head of the department to which his subject of study relates. Every candidate shall (unless taking the department of Mathematics) present a thesis on a subject approved by the Faculty of Science, and shall adduce sufficient evidence that the thesis is his own work. In support of his candidature he may present other original contributions to science. In the department of Mathematics a candidate may present himself for an examination in lieu of presenting a thesis.

3. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the library of the University before he is admitted to the degree.

4. Candidates who comply with the foregoing conditions and satisfy the examiners shall be admitted to the degree of Master of Science.

*5. The following fees shall be payable in advance:—

On presentation of thesis	£5	5	0
On entry for examination, if required	5	5	0
On admission to the degree	5	5	0

* Allowed 2nd December, 1926. Allowed 10th December, 1925.

OF THE DEGREE OF DOCTOR OF SCIENCE.

REGULATIONS.

1. A Bachelor of Science or a Bachelor of Engineering or a Master or Doctor in any other Faculty 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 fourth academic year from his admission as Bachelor of Science or of Engineering, or as Master or Doctor in any other Faculty.

2. To qualify for the degree a candidate shall furnish satisfactory evidence of scholarship and power of original scientific research. Every candidate shall submit for examination such of his published scientific work as he may deem appropriate. He may also submit in support of

his candidature unpublished original work. The Faculty of Science, if it approve of the subject or subjects of such work, shall nominate examiners, one of whom shall be an external examiner.

Every candidate in submitting his published work and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He may also signify in general terms the portions of his work which he claims as original.

3. Two copies of the work submitted for the degree shall be forwarded to the Registrar at least six months before the date on which the candidate desires to be admitted to the degree, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may on the recommendation of the Faculty of Science be admitted to the degree of Doctor of Science.

5. The following fees shall be payable in advance:—

On approval of the subject of the work	£15 15 0
On admission to the degree	£10 10 0

Allowed 3rd January, 1929.

OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE.

REGULATIONS.

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. Candidates may obtain either or both degrees.

2. To obtain the degree, whether the Ordinary or the Honours degree, every candidate shall, unless exempted, attend regularly courses of lectures and pass examinations in the following subjects:—

First Year—Physics I (101), Chemistry I (111), Botany I (151), Zoology I (161);

Second Year—Candidates are required to attend the Roseworthy Agricultural College and pass examinations in the subjects for the Diploma course of that college, including the Principles of Agriculture, Animal Husbandry, Fruit Culture, Viticulture, Oenology,

and Dairying. Candidates will be required to pass the examinations in the technical subjects specified above before proceeding to the Third Year;

*Third Year—Agriculture II (181), Biochemistry (186), Physical Chemistry (187), Botany II (152), Geology I (141), Economics I (51);

*Fourth Year—Agriculture III (182), Agricultural Chemistry (184), Agricultural Bacteriology (185), Entomology (190), Plant Pathology (189), Agricultural Geology (147).

3. (1) Candidates who are unable to produce satisfactory evidence of having had not less than twelve months' consecutive experience in practical farming, will be required to spend the long vacation at the end of the first year in practical work at the Roseworthy Agricultural College, and the long vacation at the end of the third year in acquiring practical experience on an agricultural or pastoral property approved by the Faculty.

(2) Candidates who possess the Diploma of the Roseworthy Agricultural College shall be exempted from the second year of the course, and may, in addition, receive exemption in such subjects in other years of the course as may be determined by the Faculty: Provided that a candidate holding the Diploma of the Roseworthy Agricultural College may be required to pass an examination in the subject for which the exemption (other than the subjects of the second year) is to be granted.

4. Candidates for the Honours degree of Bachelor of Agricultural Science shall be required to spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects as may be prescribed by the Faculty.

The names of candidates who pass with Honours shall be arranged alphabetically in two classes.

5. All examinations shall take place towards the end of the academic year, except that practical examinations, and all examinations in those subjects in which the course of instruction has been completed before the end of the second term, may be held at any convenient time, to be fixed by the Council.

In any case, candidates shall enter their names a month before the day of examination, and shall when entering present certificates showing that they have regularly attended the prescribed lectures, and have done written and laboratory or other practical work, where required, to the satisfaction of the professors or lecturers.

* Allowed 7th December, 1932.

Written or practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

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 Agricultural Science.

6. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council.

7. Schedules defining the range of study for lectures, laboratory and other practical work, and examinations shall be drawn up by the Faculty of Agricultural Science, subject to the approval of the Council, and shall be published as early as possible in each year.

8. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

*A. For the Ordinary Degree:

	Lectures	Practical Work.
Physics	£5 5 0	£4 4 0
Chemistry	5 5 0	7 7 0
Botany	3 3 0	5 5 0
Zoology	3 3 0	5 5 0
Biochemistry	5 5 0	8 8 0
Physical Chemistry	2 2 0	4 4 0
Botany II	4 4 0	12 12 0
Geology I.	3 3 0	3 3 0
Agricultural Chemistry	3 3 0	8 8 0
Agricultural Geology	5 15 6	Inclusive fee for lectures and practical work.
Agriculture II.	4 4 0	
Agriculture III.	6 6 0	
Plant Pathology	5 5 0	
Entomology	3 3 0	
Agricultural Bacteriology	3 3 0	
Economics	5 5 0	

NOTE.—The fees for subjects taken at the Roseworthy Agricultural College shall be those fixed from time to time by the Roseworthy Agricultural College.

* Allowed 17th December, 1931, and amended 7th December, 1932.

B. For the Honours Degree:

Inclusive fees payable for courses which the head of the department considers necessary for the Honours Course in the subject selected .. .. per annum	£25	0	0
C. Fee for the Ordinary or the Honours degree of Bachelor of Agricultural Science	£5	5	0

Students taking a course of lectures and examination a second time shall pay half fees, but full fees will be required for a repeated course of laboratory work.

Students exempted from attendance at lectures or practical work shall pay the following fee for examination:—

(a) For the theoretical examination in any subject, half the lecture fee.			
(b) For the practical examination	£1	11	6
(c) For the whole examination in any subject for the Honours degree	£7	7	0

9. Students who have passed examinations *in pari materia*. in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

Allowed 3rd January, 1929.

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE.

REGULATIONS.

1. A Bachelor of Agricultural Science may proceed to the degree of Master of Agricultural Science after the expiration of two academic years from the granting of the pass degree, or one year from the granting of the Honours degree of Bachelor of Agricultural Science.

2. Every candidate who has not obtained Honours Class I or II with his Bachelor of Agricultural Science degree shall pass an examination approved by the head of the department to which his subject of study relates. Every candidate shall present a thesis on a subject approved by the Faculty of Agricultural Science, and shall adduce sufficient evidence that the thesis is his own work. In support of his candidature he may present other original contributions to Science.

3. Each candidate, before he is admitted to the degree, shall supply to the Registrar, for the Library of the University, a printed or typewritten copy of any thesis approved by the examiners.

4. Candidates who comply with the foregoing conditions, and satisfy the examiners, may be admitted to the degree of Master of Agricultural Science.

5. The following fees shall be payable in advance:—

On presentation of thesis	£5 5 0
On entry for examination (if required)	5 5 0
On admission to the degree	5 5 0

Allowed 3rd January, 1929.

OF THE DEGREE OF BACHELOR OF ENGINEERING.

REGULATIONS.

*1. To obtain the degree of Bachelor of Engineering every candidate shall after matriculation, except in special cases to be allowed by the Council, spend four academical years at least, partly at the University and partly at the South Australian School of Mines and Indusrites, in one of the courses of study prescribed for the Diploma in Applied Science, as the regulations of the Diploma shall direct.

2. To obtain the degree, every candidate must attend lectures regularly and pass examinations in the whole of the subjects prescribed for one of the courses for the Diploma in Applied Science, and must present evidence to the satisfaction of the Council of having had twelve months' practical experience, not necessarily consecutive, in work appropriate to the course he has followed.

†He must also produce evidence that he has attended a course of instruction in First Aid, and passed an examination approved by the Council.

The fees shall be those prescribed for the courses in Applied Science.

3. Graduates who obtained the degree of Bachelor of Science, and the Diploma in Mining Engineering and Metallurgy, under the Regulations in force from 1898 to 1902, or who obtained the degree of Bachelor of Science and the Diploma in Electrical Engineering, under the Regulations in force during 1902 may be allowed to surrender the degree of Bachelor of Science, and to receive instead, without fee, the degree of Bachelor of Engineering.

* Allowed 6th December, 1922. † Allowed 17th December, 1931.

Graduates who have heretofore obtained, or shall before the end of 1913 obtain, the degree of Bachelor of Science, and the Diploma in Applied Science, may be allowed to surrender the Degree of Bachelor of Science, and to receive instead, without fee, the degree of Bachelor of Engineering.

4. Students who before 1913 entered upon the course for the degree of Bachelor of Science and the Diploma in Applied Science, may, on the completion of their course and of the required practical experience, be granted the degree of Bachelor of Engineering instead of that of Bachelor of Science, at their option.

5. Candidates who hold the before-mentioned Diploma in Mining and Metallurgy, or the Diploma in Electrical Engineering, or the University Diploma in Applied Science, and the Fellowship of the School of Mines, shall, on admission to the degree of Bachelor of Engineering, be entitled to have endorsed upon such Diplomas a certificate that the holder has attained the degree of Bachelor of Engineering of the University of Adelaide, and that the holding of the Diploma was amongst the conditions entitling the holder thereof to such degree.

6. Students who have passed examinations *in pari materia* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine. Students who have begun or completed a Diploma course in Applied Science or any of the other Diploma courses before mentioned before matriculating, may be exempted by the Council from the necessity of again taking the whole, or such part of the course as they have already completed.

*7. No graduate 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 B.Sc. degree in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such extra subjects of the Engineering courses as may be approved by the Faculty of Applied Science and considered by them as equivalent to surveying.

8. The fee for the degree of Bachelor of Engineering shall, except in the cases referred to in Clause 3, be £3 3/.

* Allowed 10th December, 1925. Allowed 6th December, 1922.

For Syllabus, see Appendix

OF THE DEGREE OF MASTER OF ENGINEERING.

REGULATIONS.

1. Every candidate for the degree of Master of Engineering must be a Bachelor of Engineering of at least two years' standing, provided that, if the Bachelor's degree has been obtained by surrender of the degree of Bachelor of Science by a graduate who also obtained one of the Diplomas referred to in Regulation 4 of the Degree of Bachelor of Engineering, it shall be sufficient if two years have elapsed since the Diploma was conferred.

2. The candidate shall:

(a) Submit evidence satisfactory to the Council that he has had at least three years' practical experience in engineering work;

(b) Submit for examination either an original engineering design or a thesis setting forth the results of an original scientific investigation made by him in some subject allied to engineering. The subject of the design or thesis shall be submitted to, and approved by, the Faculty of Science at least three months before it is sent in for examination. The candidate shall adduce, if required, sufficient evidence of the originality of his design or thesis. He may also, if the Examiners think fit, be required to pass an examination in that branch of work from which the subject of his design or thesis is taken.

3. The following fees shall be payable in advance:

On presentation of thesis	£5 5 0
On admission to the degree	£5 5 0

Allowed 6th February, 1913.

OF THE UNIVERSITY DIPLOMA IN APPLIED SCIENCE AND THE FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES.

Whereas the University of Adelaide and the South Australian School of Mines and Industries have agreed to unite in providing courses of instruction and examinations in various branches of Applied Science, and to grant to any candidate who completes one of these courses and passes the proper examinations the corresponding University Diploma and Fellowship of the South Australian School of Mines and Industries respectively; and whereas a Joint Board has been appointed by the Councils of the two Institutions to consider all matters arising out of the fulfilment of such Agreement, and to report thereon to the Councils of the two In-

stitutions; and whereas a Faculty of Applied Science has been formed by the two Councils from the staffs of the two Institutions to advise the Board: Now it is hereby provided as follows:—

REGULATIONS.

*1. Every candidate for the University Diploma in Applied Science and the Fellowship of the South Australian School of Mines and Industries, before entering upon the course, must fulfil the requirements for matriculation in the Faculty of Applied Science, but if the candidate has not passed in the language other than English he may be permitted by the Matriculation Board to present himself for that examination at a later date.

†2. To obtain the Diploma and the Fellowship every candidate must attend lectures regularly and pass examinations in the subjects of one of the following courses:—(a) Mining, (b) Metallurgy, (c) Electrical Engineering, (d) Mechanical Engineering, (e) Civil Engineering, (f) Architectural Engineering, and must produce evidence to the satisfaction of the Joint Board of having obtained at least twelve months' practical experience, not necessarily consecutive, in work appropriate to the course he has followed.

‡He must also produce evidence that he has attended a course of instruction in First Aid, and passed an examination approved by the Council.

†3. Schedules determining the range of study, the laboratory and other practical work, the examinations, and the fees, for the courses mentioned in the preceding regulation, shall be drawn up by the Faculty of Applied Science, submitted to the Joint Board, and, when approved by both Councils, shall be published as early as possible in each year.

4.‖ All examinations referred to in these regulations shall take place in or about November, or at such other convenient times as, under special circumstances, the Council shall direct.

§Candidates must enter their names a month before the day fixed for examination, and must present certificates showing that they have regularly attended the prescribed lectures and have done written, laboratory, or other practical work (where such is required) to the satisfaction of the Lecturers.

* Allowed 2nd December, 1926. † Allowed 5th December, 1918.
‡ Allowed 17th December, 1931. § Allowed 7th December, 1911.
‖ Allowed 7th December, 1932.

Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

*A candidate who fails to pass in any subject of the first or second year 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 Applied Science.

5. No candidate shall be credited in any term with attendance at lectures or laboratory work in any subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject, except in case of illness or other sufficient cause to be allowed by the Joint Board.

6. Any candidate wishing to attend a course of lectures (not including practical work) a second time may do so on payment of half fees.

7. A candidate may be examined in any subject without attendance at lectures, but only upon special grounds to be recommended by the Joint Board, and approved by the two Councils.‡ On entering for examination in such subject the candidate shall pay a third of the fee prescribed for that subject.

8. A candidate may, if the two Councils see fit, be excused examination in any subject, but only upon production of evidence that he has at some other University or Technical School completed a course and passed an examination which the Joint Board shall consider to be an equivalent.

9. Candidates shall submit to and observe the statutes, rules, and regulations of the Institution, whether University or School of Mines and Industries, at which they are in attendance.

10. The Faculty of Applied Science is not a Faculty within Chapter 10 of the University Statutes.

11. These Regulations shall be binding on the University so long only as the above-mentioned Agreement, or any amendment thereof, or any substituted Agreement, remains in force.

NOTE.—Holders of Diplomas may use the following letters:—
Diploma in Mining Engineering—the letters, Dip.M.E.
Diploma in Mechanical Engineering—the letters, Dip.Mech.E.
Diploma in Electrical Engineering—the letters, Dip.E.E.
Diploma in Metallurgy—the letters, Dip.Met.
Diploma in Civil Engineering—the letters, Dip.C.E.
Diploma in Architectural Engineering—the letters, Dip.Arch.E.

* Allowed 6th December, 1923. Allowed 3rd April, 1903.

‡ Any candidate obtaining an exemption is recommended to apply to the proper Lecturer for information and advice respecting the subjects of the examination.

DETAILS OF COURSES FOR 1933.

Abbreviations.—In the column headed "Hours per week" a single figure such as 2, means 2 hours per week throughout the year. A figure with a suffix such as 2_2, means two hours per week for two terms.

U—University; S.M.—School of Mines; S.A.—School of Art.

Note.—A 20 per cent. reduction in fees is to be allowed to students taking any one of these courses in full, the reduction to be made in such manner as the two Councils shall approve. This reduction does not apply to School of Art fees.

The courses are divided into years for the guidance of students. It is not necessary to take all the subjects of a year's course simultaneously, nor to complete all the subjects set out for one year before enrolling for any of the next.

In general, where a subject is divided into two or more parts which are included in different years, students are not allowed, without permission of the Faculty, to attend classes in a more advanced part until they have passed every examination in the less advanced parts. For example, they will not be enrolled for Mathematics II if they have not passed in Mathematics I, unless they have the permission of the Faculty. In certain other cases, also, a subject of one year is a pre-requisite for a subject of a later year.

On account of certain subjects being given in day and evening classes in alternate years, the grouping of subjects in even years will differ somewhat from that in odd years.

Students in outside employment, such as those on the staff of the Engineer-in-Chief or under articles to an Architect, will find themselves seriously overloaded if they attempt a full year's course. These, and all others taking less than a full year's course, or desiring to take subjects from different years, must submit their proposed course of study to the Dean of the Faculty for approval, and are advised to consult the Professor or one of the Lecturers on the matter.

MINING.

FIRST YEAR.

Subject No. in Syllabus.	Subject.	Hours per week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
111	Chemistry I., Lectures	3	Prof. Macbeth	U.	5 5 0
	Practical	6	Prof. Macbeth and Dr. Cooke / *Or*, Mr. Laughton and Mr. Hughes	U. / S.M.	7 7 0
230	Drawing I.	4	Mr. Pavia	S.A.	2 5 0
86	Mathematics I.	3	Mr. Sanders	U.	5 5 0
256	Mechanical Engineering I.	2	Mr. Best	S.M.	2 5 0
101	Physics I., Lectures	3	Prof. Grant	U.	5 5 0
	Practical	3	Prof. Grant	U.	4 4 0

SECOND YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
92	Applied Mathematics I. ...	3	Mr. Sanders ...	U.	5 5 0
203	Assaying I.	6	Mr. Laughton ..	S.M.	6 6 0
113	Chemistry II., Lectures ...	2	Prof. Macbeth ...	U.	4 4 0
114	Chemistry II., Practical ...	8	Prof. Macbeth and Dr. Cooke ... *Or*, Mr. Laughton and Mr. Hughes	U. S.M.	10 10 0
231	Drawing II.	4	Mr. Roberts	S.M.	2 5 0
224	Hydraulics	1½	Mr. Robin	U.	2 2 0
88	Mathematics II.	3	Prof. Wilton	U.	5 5 0
267	Mining I.	1	Mr. Gartrell	S.M.	2 5 0

THIRD YEAR.

141	Geology I., Lectures ...	2	Prof. Sir Douglas Mawson ...	U.	3 3 0
	Practical ...	2		U	3 3 0
253	Machine Design I.	2	Mr. Wood	S.M.	2 5 0
257	Mechanical Engineering II. (Lectures only)	2	Mr. Wood... ...	S.M.	3 3 0
268	Mining II.	2	Mr. Gartrell ...	S.M.	4 4 0
270	Oredressing, Lectures ...	1	Mr. Gartrell ...	S.M.	2 5 0
	Practical ...	3			2 5 0
274	Strength of Materials ...				
	Lectures ...	2	Prof. Chapman ...	U.	4 4 0
	Practical ...	3			4 4 0
277	Surveying IA., Lectures ..	1	Mr. Wood ...	S.M.	1 11 6
	Practical ...	3			3 3 0
280	Surveying Computations ...	3	Mr. Graham ...	U.	3 3 0
272	Mining Trip				
281	Survey Camp				3 3 0
246	First Aid				11 0

FOURTH YEAR.

205	Assaying II. (Mining Course)	8	Mr. Laughton ..	S.M.	6 6 0
226	Design of Structures I. ...	3	Mr. Robin ...	U.	4 4 0
241	Electrical Engineering I. ...				
	Lectures ...	1	Mr. Clark ...	U.	2 2 0
	Practical ...	1			2 2 0
143	Geology II., Lectures ...	2½	Prof. Sir Douglas Mawson ...	U.	2 16 0
	Practical ...	4½		U.	5 12 0
145	Mining Geology, Lectures	2½	Mr. Madigan ...	U.	2 2 0
	Practical	4½		U.	3 3 0
261	Metallurgy I. (Lectures only)	2	Mr. Laughton ...	S M.	2 5 0
269	Mining III., Lectures ...	2	Mr. Gartrell ...	S.M.	3 3 0
	Practical ...	3			2 2 0
222	Railway Engineering ...	1	Prof. Chapman ...	U.	2 2 0
272	Mining Trip ..				

METALLURGY.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

Subject No. in syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £	s.	d.
203	Assaying I.	6	Mr. Laughton and Mr. Hughes ...	S.M.	6	6	0
113	Chemistry II., Lectures	2	Prof. Macbeth ...	U.	4	4	0
114	Chemistry II., Practical	8	Prof. Macbeth and Dr. Cooke *Or*, Mr. Laughton and Mr. Hughes	U. / S.M.	10	10	0
141	Geology I., Lectures	2	Prof. Sir Douglas	U.	3	3	0
	Practical	2	Mawson ...	U.	3	3	0
261	Metallurgy I.... ...	2	Mr. Laughton ...	S.M.	2	5	0
231	Drawing II.	4	Mr. Roberts ...	S.M.	2	5	0
267	Mining I.	1	Mr. Gartrell ...	S.M.	2	5	0

THIRD YEAR.

92	Applied Mathematics I. ...	3	Mr. Sanders ...	U.	5	5	0
204	Assaying II.	15	Mr. Laughton and Mr. Hughes	S.M.	10	10	0
143	Geology II., Lectures	2_2	Prof. Sir Douglas	U.	2	16	0
	Practical	4_2	Mawson ...	U.	5	12	0
253	Machine Design I.	2	Mr. Wood	S.M.	2	5	0
262	Metallurgy II.	3	Mr. Reid	S.M.	5	5	0
270	Oredressing	4	Mr. Gartrell ...	S.M.	4	10	0
	Metallurgy Trip						
246	First Aid					11	0

FOURTH YEAR.

206	Assaying III....	12	Mr. Reid and Mr. Laughton ...	S.M.	10	10	0
274	Strength of Materials, Lectures	2	Prof. Chapman ...	U.	4	4	0
	Practical	3			4	4	0
263	Metallurgy III., Lectures ..	1	Mr. Reid and ...	S.M.	3	3	0
	Practical	3	Mr. Laughton		3	3	0
268	Mining II., ...	2	Mr. Gartrell ...		4	4	0
277	Surveying IA., Lectures ..	1	Mr. Wood ...	S.M.	1	11	6
	Practical ...	3			3	3	0
241	Electrical Engineering, Lectures ...	1	Mr. Clark ...	U.	2	2	0
	Practical ...	1			2	2	0
272	Mining Trip						

ELECTRICAL ENGINEERING.

FIRST YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fees. £ s. d.
112	Chemistry I, Lectures ...	3½	Prof. Macbeth ...	U.	3 10 0
	Practical ...	6½	Prof. Macbeth and Dr. Cooke ... ... *Or* Mr. Laughton and Mr Hughes ...	U. S.M.	4 18 0
230	Drawing I.	4	Mr. Pavia	S.A.	2 5 0
248	Fitting and Turning I. ...	5	Mr. Walters ...	S.M.	3 3 0
86	Mathematics I.	3	Mr. Sanders ...	U.	5 5 0
256	Mechanical Engineering I.	2	Mr. Best	S.M	2 5 0
101	Physics I, Lectures ...	3	Prof. Grant ...	U.	5 5 0
	Practical ..	3	Prof. Grant ...	U.	4 4 0

SECOND YEAR.

92	Applied Mathematics I. ...	3	Mr. Sanders ...	U.	5 5 0
253	Machine Design I.	2	Mr. Wood	S.M.	2 5 0
231	Drawing II.	4	Mr. Roberts ...	S.M.	2 5 0
88	Mathematics II.	3	Prof. Wilton ...	U.	5 5 0
102	Physics II., Lectures ...	3	Prof. Kerr Grant...	U.	6 6 0
	Practical ..	6	and Mr. Burdon ...	U.	12 12 0
274	Strength of Materials, Lectures	2	Prof. Chapman ...	U.	4 4 0
	Practical	3			4 4 0
257	Mechanical Engineering II., Lectures ...	2	Mr. Wood and	S.M.	3 3 0
	Practical	3½	Mr. Best ...		3 3 0

NOTE.—Either Machine Design I. or Mechanical Engineering II. may be taken in the Third Year.

THIRD YEAR.

201	Applied Mechanics II. ...	2½	Mr. Wood	S.M.	1 10 0
241	Electrical Engineering I. (F) Lectures ...	1	Mr. Clark ..	U.	2 2 0
	Practical ...	1			2 2 0
249	Fitting and Turning II. ...	4	Mr. Walters ...	S.M.	4 10 0
258	Mechanical Engineering III.	2	Mr. Wood	S.M.	4 10 0
105	Physics III., Lectures ...	2	Prof. Grant ...	U.	6 6 0
	Practical ...	6			7 7 0
222	Railway Engineering ...	1	Prof. Chapman ...	U.	2 2 0
277	Surveying IA., Lectures ...	1	Mr. Wood ...	S.M.	1 11 6
	Practical ...	3½			1 1 0
246	First Aid	...	... ...	..	0 11 0

NOTE.—Mechanical Engineering III. may be taken in the third or fourth year.

FOURTH YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
245	Engineering Finance ...	1½	Mr. Gartrell ...	U.	1 11 6
242	Electrical Engineering II. (F),				
	Lectures	4	Mr. Clark	U.	8 8 0
	Practical	14			15 15 0
254	Machine Design II. ...	6	Mr. Wood	S.M.	5 5 0

MECHANICAL ENGINEERING.

FIRST YEAR.

Same as for Electrical Engineering.

SECOND YEAR.

92	Applied Mathematics I. ...	3	Mr. Sanders ...	U.	5 5 0
231	Drawing II.	4	Mr. Roberts ...	S.M.	2 5 0
249	Fitting and Turning II. ...	4	Mr. Walters ...	S.M.	4 10 0
253	Machine Design I.	2	Mr. Wood .. .	S.M.	2 5 0
88	Mathematics II.	3	Prof. Wilton ...	U.	5 5 0
103	Physics II., Lectures ...	2	Prof. Grant ...	U.	4 4 0
	Practical ...	3	and Mr. Burdon	U.	6 6 0
257	Mechanical Engineering II.,				
	Lectures	2	Mr. Wood ...	S.M.	3 3 0
	Practical	3½	and Mr. Best ...	S.M.	3 3 0

THIRD YEAR.

274	Strength of Materials,				
	Lectures	2	Prof. Chapman ...	U.	4 4 0
	Practical ...	3			4 4 0
241	Electrical Engineering I. (F)				
	Lectures	1	Mr. Clark ...	U.	2 2 0
	Practical	1			2 2 0
254	Machine Design II.	6	Mr. Wood	S.M.	5 5 0
258	Mechanical Engineering III.	2	Mr. Wood	S.M.	4 10 0
277	Surveying IA., Lectures ...	1	Mr. Wood ...	S.M.	1 11 6
	Practical ...	3½			1 1 0
201	Applied Mechanics II. ...	2½	Mr. Wood ...	S.M.	1 10 0
250	Fitting and Turning III. ...	4	Mr. Walters ...	S.M.	4 10 0
246	First Aid				11 0

FOURTH YEAR.

221	Civil Engineering I.				
	Lectures	2	Prof. Chapman ..	U.	4 4 0
	Practical	3			3 3 0
251	Fitting and Turning IV. ...	4	Mr. Walters ...	S.M.	4 14 6
259	Mechanical Engineering IV.				
	Lectures	2	Mr. Wood	S.M.	3 3 0
	Practical	3	and Mr. Best		4 4 0
245	Engineering Finance ...	1½	Mr. Gartrell ...	U.	1 11 6

CIVIL ENGINEERING.

FIRST YEAR—Same as for Electrical Engineering.

SECOND YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £	s.	d.
92	Applied Mathematic I. ...	3	Mr. Sanders ...	U.	5	5	0
219	Building Construction I. ...	1½	Mr Smith ...	S.M.	1	10	0
231	Drawing II.	4	Mr. Roberts ...	S.M.	2	5	0
88	Mathematics II.	3	Prof. Wilton ...	U.	5	5	0
103	Physics II., Lectures ...	2	Prof. Grant	U.	4	4	0
	Practical ...	3	and Mr. Burdon	U.	6	6	0
274	Strength of Materials						
	Lectures	2	Prof. Chapman	U.	4	4	0
	Practical	3			4	4	0
253	Machine Design I.	2	Mr. Wood ...	S.M.	2	5	0

THIRD YEAR.

221	Civil Engineering I.						
	Lectures	2	Prof. Chapman ...	U.	4	4	0
	Practical	3			3	3	0
141	Geology I, Lectures ...	2	Prof. Sir Douglas	U.	3	3	0
	Practical ...	2	Mawson		3	3	0
257	Mechanical Engineering II.,						
	Lectures	2	Mr. Wood ...	S.M.	3	3	0
	Practical	3½	and Mr. Best	S.M.	3	3	0
267	Mining I.	1	Mr. Gartrell ...	S.M.	2	5	0
276	Surveying I., Lectures ...	1½	Mr. Wood ...	S.M.	2	2	0
	" ...	2½					
	Practical ...	3			3	3	0
226	Design of Structures I. ...	3	Mr. Robin	U.	4	4	0
280	Surveying Computations ...	3	Mr. Robin ...	U.	3	3	0
246	First Aid	...	... ...	...		11	0

FOURTH YEAR.

241	Electrical Engineering I. (F)						
	Lectures	1	Mr. Clark ...	U.	2	2	0
	Practical	1			2	2	0
223	Civil Engineering II.,		Prof. Chapman and				
	Lectures	2	Mr. Clark and				
	Practical	3	Mr. Robin ...	U.	7	7	0
227	Design of Structures II.,						
	Lectures	3	Prof. Chapman and	U.	5	5	0
	Practical	5	Mr. Robin ...		3	3	0
245	Engineering Finance ...	1½	Mr. Gartrell ...	U.	1	11	6
145	Engineering Geology ...	2½	Prof. Sir D. Mawson	U.	1	11	6
278	Surveying II., Lectures ...	1	Mr Robin ...	U.	2	2	0
	Practical ...	3	Mr. Robin ...	U.	3	3	0
279	Surveying III.	1	Mr. Robin ...	U.	2	2	0
281	Survey Camp		...	—	3	3	0

ARCHITECTURAL ENGINEERING.

FIRST YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £	s.	d.
112	Chemistry I., Lectures ...	3½	Prof. Macbeth ...	U.	3	10	0
	Practical ...	6½	Professor Macbeth and Dr. Cooke ... *Or* Mr. Laughton and Mr. Hughes	U. S.M.	4	18	0
230	Drawing I.	4	Mr. Pavia	S.A.	2	5	0
232, 234, 235	Antique Drawing I. and Modelling	4	Mr. Pavia	S.A.	2	5	0
86	Mathematics I.	3	Mr. Sanders ...	U.	5	5	0
101	Physics I., Lectures ...	3	Prof. Grant ...	U.	5	5	0
	Practical ...	3			4	4	0
284	Woodwork	4	Mr. Lykke ...	S.M.	3	3	0

SECOND YEAR.

92	Applied Mathematics I. ...	3	Mr. Sanders ...	U.	5	5	0
141	Geology I., Lectures ...	2	Prof. Sir D. Mawson	U.	3	3	0
	Practical ...	2			3	3	0
236	Descriptive Geometry I. ...	2	Mr. Pavia ...	S.A.	2	5	0
219	Building Construction I.	1½	Mr. Smith ...	S.M.	1	10	0
238	Building Drawing	2	Mr. Smith ...	S.M.	1	10	0
212	Architectural History I. ...	2	Mr. Smith ...	S.M.	3	3	0

THIRD YEAR.

213	Architectural History II. ...	2	Mr. Smith ...	S.M.	3	3	0
239	Measured Drawing and Sketching	3	Mr. Smith ...	S.M.	2	5	0
214	Architectural Design I. ...	6	Mr. Smith ...	S.M.	5	5	0
237	Descriptive Geometry II. ...	2	Mr. Pavia ...	S.A.	2	5	0
233	Antique Drawing II. .	3	Mr. Pavia ...	S.A.	2	5	0
274	Strength of Materials, Lectures ...	2	Prof. Chapman ...	U.	4	4	0
	Practical	3			4	4	0
246	First Aid	.. ..		...		11	0

FOURTH YEAR.

215	Architectural Design II. ..	6	Mr. Smith ...	S.M.	8	8	0
211	Architectural Construction and Practice I.	4	Mr. Smith ...	S.M.	6	6	0
226	Design of Structures I ..	3	Mr. Robin	U.	4	4	0
277	Surveying IA., Lectures ...	1	Mr. Wood ...	S.M.	1	11	6
	Practical ...	3			3	3	0

FIFTH YEAR.

211	Architectural Construction and Practice II.	4	Mr. Smith ...	S.M.	6	6	0
216	Architectural Thesis .. —		Mr. Smith ...	S.M.	3	3	0
227	Design of Structures IIA. ..	8	Prof. Chapman ...	U.	8	8	0

NOTE: If a student is articled in an architect's office it is not to be expected that the course can be completed in five years.

OF THE DEGREE OF BACHELOR OF LAWS AND OF THE FINAL CERTIFICATE IN LAW.

REGULATIONS.

For conditions of matriculation for the degree of Bachelor of Laws, see Statute IX.

*1. There shall be an Ordinary and an Honours degree of Bachelor of Laws and a Final Certificate in Law.

*2. Candidates before beginning the course for either degree of Bachelor of Laws shall matriculate in the Faculty of Law; and candidates before beginning the course for the Final Certificate in Law required for admission as a practitioner of the Supreme Court shall either

(a) matriculate in the Faculty of Law; or

(b) be articled, or be qualified to be articled, to a practitioner of the Supreme Court.

3. The subjects for examination for the degree of Bachelor of Laws shall be divided into two classes, hereinafter distinguished as Ordinary subjects and Special subjects.

†4. The Ordinary subjects are the following:—

1. Elements of Law and Legal and Constitutional History (301).
2. The Law of Contracts (302).
3. The Law of Property, Part 1 (303).
4. The Law of Property, Part 2 (304).
5. The Law of Wrongs (Civil and Criminal) (305).
6. The Law of Evidence and Procedure (306).
7. Constitutional Law (307).

*5. The Special subjects are the following:—

1. Latin (5).

2 and 3. Two units in any one subject in the course for the Ordinary degree of Bachelor of Arts, exclusive of Latin and Jurisprudence.

4. Roman Law (311).
5. Jurisprudence (312).
6. Private International Law (313).

*6. To obtain the Ordinary degree of Bachelor of Laws candidates are required to pass in all the above subjects, both Ordinary and Special.

* Allowed 10th December, 1930. † Allowed 10th December, 1925.

*7. To obtain the Honours degree of Bachelor of Laws candidates must have been placed in the first class in at least four of the subjects of the course, excluding Special subjects 1, 2, and 3, or in the first class in three and in the second class in three of the above subjects. Candidates for the Honours degree must pass in all of the above subjects at the first attempt, and must pass an additional examination in History of English Law.

8. Candidates for the Final Certificate are required to pass in the Ordinary subjects only.

*9. Candidates who have already graduated in Arts and have included Latin in the subjects presented for the Arts degree will be credited with having passed in the Special subjects numbered 1, 2, and 3.

*10. Candidates who have passed equivalent examinations in other Faculties or otherwise, and who desire that the examinations which they have passed should be counted *pro tanto* for the degree of Bachelor of Laws may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

*11. The Intermediate Examination in Law in the University shall consist of the Ordinary subject numbered 1 and one at least of the following:

(a) the Ordinary subject numbered 2;
(b) the Special subject numbered 1;
(c) the Special subjects numbered 2 and 3, where both units in such may be taken in one year;
(d) one unit in the Special subjects numbered 2 and 3, where both units in such may not be taken in one year.

12. Annual Examinations shall be held in November and March in each year.

†13. All ordinary subjects may be taken at any annual examination, and in any order; except that no student shall, without the special permission of the Faculty, present himself for examination in the Law of Property, Part II, before he has passed in the Law of Property Part I, or within six months thereafter.

No special subject may be taken at a March examination unless the express permission of the Faculty has been obtained.

‡14. No student shall at any Annual Examination present himself for examination in more than three subjects without the special permission of the Faculty.

†For the purpose of this regulation the examinations in November of any year and in the following March shall be regarded together as constituting one annual examination.

* Allowed 10th December, 1930. † Allowed 7th December, 1932.
† Allowed 19th January, 1910, and amended 10th December, 1930.

*15. Subject to the exceptions hereinafter stated no student shall present himself for examination in any subject in respect of which he has not gained credit for one academical year's attendance at lectures.

†A candidate who omits to present himself for examination, or fails to pass in any subject, shall again attend lectures in that subject to the satisfaction of the Professor and Lecturer, unless exempted by the Faculty of Law.

‡16. No student shall be credited with an academical year's attendance at lectures in any subject unless he shall have attended and gained credit for three-fourths of the lectures given on that subject in each term of the year.

Written work done by the candidate, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

17. Any student shall be exempt from the requirements of Regulation 16 if and so long as he is articled to a Practitioner of the Supreme Court whose office is more than ten miles distant from the University.

‡18. The Council, on the recommendation of the Faculty of Law, may exempt any student wholly or partially from the requirements of Regulation 16.

§19. All students shall be classified as proceeding either to the degree of Bachelor of Laws, or to the Final Certificate, but any student may at any time (even after obtaining the Final Certificate) if qualified under Regulation 2, be removed from one class into the other, on application to the Registrar, and all Ordinary subjects in which he may have passed while in the one class shall be credited to him in the other.

§20. Schedules defining the scope of the subjects of study, and appointing text-books, shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study. All students, whether exempted from attendance at lectures or not, shall be required to do such written or practical work as may be prescribed by the Professor or Lecturer.

§21. The names of all students who pass an annual examination in any subject shall be arranged in three classes in order of merit in each class, provided that students who pass in the Special subjects numbered 1, 2,

* Allowed 19th January, 1910.
† Allowed 7th December, 1927.
‡ Allowed 3rd January, 1907.
§ Amended 10th December, 1930.

and 3 shall be arranged in accordance with the regulations of the Ordinary degree of Bachelor of Arts. A copy of such list shall be transmitted by the Registrar to the Chief Justice or the Senior Judge of the Supreme Court.

22. Students shall give to the Registrar one calendar month's notice of their intention to present themselves at an Annual Examination. A notice not complying with this Regulation shall not be received unless the Faculty of Law, on application, orders otherwise.

†23. The undermentioned fees shall be payable in advance:—

(1)	Entrance fee payable by all students at the commencement of their course	£2	2 0
(2)	Fee payable in each term for every subject in which a student attends lectures, including one annual examination	2	9 0
(3)	Fee for attendance at lectures and examination in the Special subjects numbered 1 and 2, the same fee as prescribed by the Regulations of the Ordinary degree of Bachelor of Arts. One-half of the fee prescribed for any course shall be paid by students who are exempted from lectures, and by those who take lectures or examinations, or both, a second time.		
*(4)	Fee for each additional examination required for the Honours degree of Bachelor of Laws	3	3 0
(5)	Fee for the Final Certificate	5	5 0
*(6)	Fee for either the Ordinary or the Honours degree of Bachelor of Laws	7	7 0
*(7)	Fee for the Honours degree if the Ordinary degree has already been conferred	3	3 0

24. These Regulations shall apply to all present students, but they shall be credited with the subjects in which they may have already passed under the Regulations hereby repealed. Students now proceeding to the degree of Bachelor of Laws under Regulation 9 or 11 of the Regulations hereby repealed shall be exempt from the requirements of Regulation 14, nor shall they be required to pass in any additional subject in consequence of the establishment of these present Regulations.

25. From and after the allowance and counter-signature by the Governor of these Regulations, there shall be repealed all Regulations hitherto made respecting the degree of Bachelor of Laws and the Final Certificate in Law.

* Allowed 10th December, 1930. † Allowed 2nd December, 1926.
Allowed 6th December, 1922.
For Syllabus, see Appendix.

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:—

7. Every person must, before he enters into articles, produce to the Master certificates of his having passed—

(a) the matriculation examination in the University of Adelaide, or in some University recognized by the University of Adelaide, or the preliminary or any intermediate examination which clerks articled in England, Ireland, or Scotland may for the time being be required to pass; and

(b) the intermediate examination in law in the University of Adelaide, and must lodge with the Master copies of the certificates of his having so passed.

9. Every such articled clerk and every person not actually called to the bar or admitted as mentioned in Rule 12, shall, before he is admitted to practise in the Court, have taken, or be entitled to take, after examination, the degree of Bachelor of Laws in the University of Adelaide, or shall, at the proper examinations of the University of Adelaide, have passed in—

(1) Elements of Law, and of Legal and Constitutional History;

(2) The Law of Contracts;

(3) The Law of Property, Part 1;

(4) The Law of Property, Part 2;

(5) The Law of Wrongs (civil and criminal);

(6) The Law of Evidence and Procedure; and

(7) Constitutional Law;

and shall furnish to the Board the said University's final certificate of having so passed.

12. The following persons only shall, subject to these Rules, be eligible to be admitted to practise as barristers, attorneys, solicitors, and proctors, that is to say:—

1. Persons who have been articled to some practitioner of the Court for the full term of four years, and have served the full term of their clerkship: Provided that in the case of any person who before entering into articles has, in addition to having passed the intermediate examination in Law at the University of Adelaide, passed in at least two other subjects in the course of studies prescribed for the degree of Bachelor of Laws at the University of Adelaide, and

who, before applying for admission, has obtained the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in some University recognized by the University of Adelaide, service under articles for the full term of three years shall be sufficient.

2. Persons who, after having passed the intermediate examination in Law at the University of Adelaide, have served the full term of four years as associate or assistant or acting associate to the Judges of the Court or any of them: Provided that in the case of any such person who has served for three years as associate or assistant or acting associate after having passed the intermediate examination in Law at the University of Adelaide and at least two other subjects in the course of studies prescribed for the degree of Bachelor of Laws at the University of Adelaide, and has, before applying for admission, taken the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in any University recognized by the University of Adelaide, such service for the full term of three years shall be sufficient: Provided also that such associate or assistant or acting associate shall, by the certificate of any one of the said Judges, satisfy the Board as to his conduct and fitness to be admitted.

3. Persons who, after having passed the intermediate examination in Law at the University of Adelaide, have served the full term of four years, during part of that term as associate or assistant or acting associate to the Judges of the Court or any of them, and during part of that term under articles of clerkship: Provided that if any such person has, after having passed the intermediate examination in Law at the University of Adelaide and at least two other subjects in the course of studies prescribed for the degree of Bachelor of Laws at the University of Adelaide, served for three years partly under articles of clerkship and partly as associate or assistant or acting associate, and has, before applying for admission, taken the degree of Bachelor of Laws or of Arts in the University of Adelaide or in any University recognised by the University of Adelaide, such service for the full term of three years shall be sufficient: Provided also that, without limiting the effect of Rule 10, every such person shall, by the certificate of any one of the said Judges in respect to his conduct and service as associate or assistant or acting associate, satisfy the Board as to his conduct and fitness to be admitted.

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 recognized by this University.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the Examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

5. A printed or typewritten copy of any thesis approved by the Examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

6. Candidates who comply with the foregoing conditions and satisfy the Examiners may be admitted to the degree of Master of Laws.

7. The following fees shall be payable in advance:

On presentation of thesis	£5	5	0
On entry for examination, if required	5	5	0
On admission to the degree	5	5	0

* Allowed 10th December, 1930.

OF THE DEGREE OF DOCTOR OF LAWS.

REGULATIONS.

*1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws.

* Allowed 10th December, 1930.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or subject of law proposed by him and approved by the Faculty of Law. He must satisfy the Examiners by such proof as they shall require that the thesis is his own composition.

3. The Examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or type-written copy of any thesis approved by the Examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the Examiners may be admitted to the degree of Doctor of Laws.

*6. The following fees shall be payable in advance:—

On presentation of thesis	£15 15 0
On admission to the degree	10 10 0

†7. Repealed.

* Allowed 11th December, 1924. † Allowed 10th December, 1930.
Allowed 12th December, 1907.

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

REGULATIONS.

*1. To obtain the degrees of Bachelor of Medicine and Bachelor of Surgery, a student must, after matriculation, complete not less than six years of medical study and pass five examinations. He may enter for the First Examination at the end of one year of study; for the Second Examination at the end of one year of study after passing the First Examination; for the Third Examination at the end of one year of study after passing the Second Examination; for the Fourth Examination at the end of two years of study after passing the Third Examination, and for the Fifth Examination at the end of one year of study after passing the Fourth Examination.

2. The student shall forward to the Registrar notice of his intention to present himself at any examination, together with certificates of having completed the course of study and practice prescribed for that examination.

* Allowed 10th December, 1930.

3. Schedules and Syllabus prescribing details of the course of study and practice for each year shall be drawn up by the Faculty of Medicine, and, after approval by the Council, shall be published before the commencement of each academic year.

*4. The student shall not in any year be credited with attendance unless he shall have been present at three-fourths of the lectures and have done written and laboratory or other practical work, where required, to the satisfaction of the Professors or Lecturers, except in case of illness or other sufficient cause to be allowed by the Council.

5. A student who has passed examinations *in pari materia* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

†6. On the recommendation of the Board of Examiners, a Supplementary Examination may be granted to a student who has been prevented by illness or other sufficient cause from attending the whole or part of the First, Second, Third, or Fourth Ordinary Examinations, or who has failed in part of such examination. But if he fail to pass he shall be required to pass at an Ordinary Examination in all the subjects of the examination before proceeding further in his course.

‡7. The Ordinary Examinations shall be held in or about November, and the Supplementary First, Second, Third, and Fourth Examinations shall be held in March. A Fifth Examination shall be held also in May or June. On the recommendation of the Board of Examiners, the Faculty may debar any candidate who has failed in his Fifth Examination from presenting himself at a subsequent Fifth Examination until a period of twelve months shall have elapsed since that failure. Before sitting for a further Fifth Examination a candidate shall produce a certificate that he has performed such further study as may be prescribed by the Board of Examiners. At its discretion the Board may permit a candidate who has failed at the Fifth Examination in only one group of subjects to present himself in that group of subjects only at the next examination, and if he satisfy the examiners in that group he shall be deemed to have passed the whole examination.

8. The student shall not be re-examined at the Supplementary Examination in any subject in which he has passed at the Ordinary Examina-

* Allowed 6th December, 1923.
† Allowed 3rd January, 1929, and amended 10th December, 1930.
‡ Allowed 10th December, 1930.

tion, and, on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but without classification.

*9. Except where otherwise provided by these Regulations, the names of candidates who pass with credit at each Ordinary Examination shall be arranged in order of merit, and the names of other candidates who pass shall be arranged in alphabetical order.

†10. At the First Examination the student shall satisfy the Examiners in each of the following subjects:—

1. Physics. (321.)
2. Chemistry. (322.)
3. Botany. (323.)
4. Zoology. (324.)

‡10a. At the Second Examination the student shall satisfy the Examiners in each of the following subjects:

1. Anatomy, Part I, including Histology, Embryology and Anatomy (331);
2. Biochemistry (332).

‡11. At the Third Examination the student shall satisfy the examiners in each of the following subjects:

1. Anatomy, Part II (335);
2. Physiology and Pharmacology (336).

‡12. At the Fourth Examination the student shall satisfy the Examiners in each of the following groups of subjects:

1. Pathology, including Bacteriology and Medical Zoology (341);
2. Therapeutics, including Materia Medica and Posology (342);
3. Public Health and Preventive Medicine and Forensic Medicine (343).

‡13. At the Fifth Examination the student shall satisfy the Examiners in each of the following groups of subjects:

1. The Principles and Practice of Medicine, including Medical Diseases of Children and Psychological Medicine (351);
†2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose, and Throat (352);
3. Obstetrics and Gynaecology (353).

§14. The fee for the course of six years, including the Ordinary Examinations and degree fees, shall be two hundred and forty pounds, pay-

* Allowed 11th December, 1924. † Allowed 3rd January, 1929.
‡ Allowed 10th December, 1930. § Allowed 7th December, 1927.

† Note.—The examination in the Science and Art of Surgery includes within its scope Regional and Surgical Anatomy and Operative Surgery.

able in advance either in sums of forty pounds a year or in such instalments as the Council may decide. The fees for separate subjects shall be as prescribed by the Council from time to time.§

Fee by each student for a Supplementary Examination shall be five guineas.

Half the annual fee shall be paid by any student taking the year's course of instruction, or an annual examination, or both, the second time.

15. All regulations hitherto in force concerning the degrees of Bachelor of Medicine and Bachelor of Surgery are hereby repealed: provided that this repeal shall not affect

(a) anything done or suffered under any regulations hereby repealed; or

(b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

16. All questions arising under these Regulations shall be determined by the Council.

* Allowed 10th December, 1930.
Allowed 1st December, 1921, and amended 6th December, 1922.
§ Note.—The fees do not include Hospital fees.
For Syllabus, see Appendix.

[Before commencing the Medical course the student must provide himself with a microscope, which shall be approved by the Faculty of Medicine.]

SCHEDULE I.

Subjects for each Year of the Medical Course.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Botany (during first term only), (d) Zoology.

During the second year the student shall

(a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;

(b) attend courses of lectures and practical work in Histology and Embryology;

(c) attend a course of lectures and practical work in Biochemistry during the first and second terms;

(d) attend a course of lectures and practical work in Physiology during the third term.

During the third year the student shall

(a) attend a course of lectures in Anatomy and dissect during the whole academic year;

(b) attend a course of lectures and practical work in Neurology;

(c) attend courses of lectures and practical work in Physiology and in Pharmacology;

(d) attend a course of instruction in Practical Pharmacy.

Note.—The Hospital Clinical Year shall begin on the 1st February.

Before beginning his Hospital practice each student must provide himself with a Stethoscope, a Clinical Thermometer, an Ophthalmoscope, a Sphygmomanometer, and a Haemocytometer.

During the fourth and fifth years the student shall

(a) hold the office of Surgical Dresser during six months;

(b) hold the office of Medical Clerk during six months;

(c) attend the Queen's Home for three months for Clinical work in Obstetrics: Provided that part of the work in Clinical Obstetrics may be performed during the sixth year;

(d) complete a course of instruction consisting of twelve attendances at the Venereal Clinic at the Adelaide Hospital;

(e) complete a course of instruction consisting of twelve attendances at the Isolation Department of the Adelaide Hospital;

(f) hold the office of Surgical Dresser in the Out-patients' Department of the Adelaide Hospital for two days a week during twelve weeks.

During the fourth, fifth, and sixth years the student shall attend a course of instruction at the Adelaide Hospital and at the Adelaide Children's Hospital in the administration of Anaesthetics by some person approved by the Council.

During the fourth year the student shall

(a) attend the tutorial classes in Medicine, Surgery, Obstetrics, and Pathology during the first six weeks of the Hospital Clinical Year;

(b) attend a course of lectures in the Principles and Practice of Medicine;

(c) attend a course of lectures in the Science and Art of Surgery;

(d) attend a course of lectures in Obstetrics and Gynaecology;

(e) attend courses of lectures in Clinical Medicine and Clinical Surgery except during any period of residence at the Queen's Home;
(f) attend a course of lectures in Therapeutics, including Materia Medica and Posology;
(g) attend a course of instruction and practical work in Pathology and Bacteriology;
(h) attend a course of instruction and practical work in Medical Zoology;
(i) attend a course of lectures and demonstrations in Applied Physiology;
(j) attend a course of instruction at the Department of Dentistry at the Adelaide Hospital;
(k) attend at least forty *post-mortem* examinations;
(l) attend a course of lectures on the Physics of X-rays;
(m) attend a course of lectures and demonstrations in Radiology.

During the fifth year the student shall
(a) attend the Medical and Surgical Practice of the Adelaide Hospital in the wards and in the Out-patients' department except during any period of residence at the Queen's Home;
(b) attend a course of lectures in the Principles and Practice of Medicine;
(c) attend a course of lectures in the Science and Art of Surgery;
(d) attend a course of lectures in Obstetrics and Gynaecology;
(d) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Adelaide Hospital, except during any period of residence at the Queen's Home;
(f) attend a course of demonstrations in Regional and Surgical Anatomy;
(g) attend a course of demonstrations in Operative Surgery;
(h) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
(i) complete the course of instruction in Pathology;
(j) attend a course of lectures in Forensic Medicine;
(k) attend at least forty *post-mortem* examinations.

During the sixth year the student shall complete the following work:—
(a) Clinical Medicine and Clinical Surgery: attend courses of lectures;
(b) Psychological Medicine: attend a course of lectures;
(c) Medical and Surgical Diseases of Children: attend courses of lectures, and hold for six weeks each the offices of Medical Clerk and Surgical Dresser at the Adelaide Children's Hospital;

(d) Gynaecology: attend for twelve weeks the practice of the Gynaecological Clinic at the Adelaide Hospital in the wards and out-patients' department;

(e) Diseases of the Eye: Attend a course of lectures and attend for two days a week during twelve weeks the practice of the Ophthalmological Department;

(f) Diseases of the Ear, Nose, and Throat: attend a course of lectures and attend on one day a week during twelve weeks the practice of the Ear, Nose, and Throat Department;

(g) Dermatology: attend on ten occasions the practice of the Dermatological Department at the Adelaide Hospital;

(h) Medical Practice: hold the office of Medical Clerk in the Out-patients' department at the Adelaide Hospital for two days a week during twelve weeks;

(i) Medical Ethics: attend a course of lectures.

SCHEDULE II.

Fees for Single Subjects.

	Fee per Annum.
Anatomy—Lectures	£4 4 0
Dissections	6 6 0
Regional and Surgical	5 5 0
Botany (two terms)—Lectures	2 2 0
Practical	1 15 0
Chemistry, Physical	1 8 0
Children, Medical Diseases of	3 3 0
Surgical	3 3 0
Forensic Medicine	4 4 0
Gynaecology	5 5 0
Materia Medica	3 3 0
Medicine, Principles and Practice	6 6 0
Clinical	3 3 0
Tutorial	1 11 6
Obstetrics	5 5 0
Tutorial	1 11 6
Operative Surgery	5 5 0
Ophthalmology	5 5 0
Otology	4 4 0
Pathology and Bacteriology (fourth year)	12 12 0
(fifth year)	5 5 0
Psychological Medicine	4 4 0

Public Health and Preventive Medicine	4	4	0
Surgery, Principles and Practice	6	6	0
Clinical	3	3	0
Tutorial	1	11	6
Therapeutics	5	5	0
Zoology (two terms), Lectures	2	2	0
Practical	3	10	0
Zoology (Medical), Lectures	2	2	0
Practical	3	10	0
Fee for the degrees of M.B. and B.S.	14	14	0

NOTE.—The above are annual fees and must be paid in one sum. Fees not included in the above list are set out in the Regulations of the degree of Bachelor of Science.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE 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 entering for dispensary practice shall be under the immediate control of the Dispenser, and, in his absence, of the Assistant Dispenser. The Dispenser or Assistant Dispenser shall be responsible to the Medical Superintendent for the conduct of the students while under their control.

5. Students shall conduct themselves with propriety, and discharge the duties assigned to them, and pay for or replace any article damaged or lost or destroyed by them through negligence.

6. Students infringing any rule of the Hospital, or otherwise misconducting themselves, shall be subject to dismissal by the Board, and shall, on dismissal, forfeit all payments which they may have made and all rights accruing therefrom.

7. 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.

Clerks and Dressers.

8. 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 to 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 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.

9. 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:—

10. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

11. 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.

12. 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.

13. 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.

14. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

Obstetric Department.

15. Every student attending cases in the Midwifery Department of the Hospital shall post in the telephone-room his day and night telephone address.

16. He shall, on receiving a summons from the Hospital, obtain the midwifery-bag, and at the conclusion of the case return it to the Hospital and write up and sign the return-book.

17. In any case of difficulty or danger he shall summon the responsible Resident Medical Officer. No instrumental interference is to be undertaken by students.

18. Every medical student shall pay to the Hospital such fees for admission to the practice of the Adelaide Hospital as may be determined by the Board from time to time.

The fees to be paid are as follows:—

For instruction in practical pharmacy, £2 2/.

For clinical instruction by the Honorary Staff, including medical clerkships and surgical dresserships:—

1. For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/ a year.
2. For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/ a year.
3. For instruction in the *post-mortem* room, £2 2/ each year for two years.
4. For instruction in the administration of anaesthetics, £3 3/.

The above fees are to be paid to the University.

The following fees are to be paid to the Secretary of the Hospital:—

1. An entrance fee when commencing the clinical practice of the Hospital, £5 5/.
2. For instruction in bacteriology, £1 1/.
3. For instruction in practical pathology, £2 2/.
4. For instruction in dentistry, £2 2/.

Approved by Council, 1925.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL.

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and out-patients' department in a manner similar to that indicated in the rules for the Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.

4. The fees to be paid are as follow:—

For three months' course	£1	1	0
For perpetual attendance	2	2	0

(The fees are to be paid to the Secretary of the Hospital.)

N.B.—Until otherwise ordered the Board of Management allows all such fees to be devoted to the purchase of appliances and books for the teaching of the students.

5. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management.

OF THE DEGREE OF DOCTOR OF MEDICINE.

REGULATIONS.

1. To obtain the degree of Doctor of Medicine, candidates must have been admitted to the degree of Bachelor of Medicine in the University of Adelaide, and must pass an examination as hereinafter prescribed.

2. No candidate shall be eligible for examination until the ninth academic term after his admission to the degree of Bachelor of Medicine, except by permission of the Council.

3. The candidate, unless exempted as hereinafter provided, shall pass an examination in

(a) General Medicine, including Pathology, Therapeutics, and the History of Medicine, and

(b) Such one of the following groups of subjects as he may select, viz.:—

(1) Diseases of the Nervous System, including Mental Diseases, the Physiology and Pathology of the Nervous System, and the History of these subjects.

(2) The Diseases of Infancy and Childhood, the Pathology and History of these subjects.

(3) State Medicine in all its branches, including Public Health and Preventive Medicine, and the History of these subjects.

(4) Physiology and Biochemistry with their application to General Medicine, and the History of these subjects.

(5) Pathology, including Pathological Anatomy, Bacteriology, and the History of these subjects.

(6) Anatomy and Histology with their application to General Medicine, and the History of these subjects: provided that no candidate shall be allowed to take both the M.D. and M.S. examinations in Anatomy only.

4. An examination for this degree shall be held, if required, in May and November in each year. The examination shall be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients, or by any one or more of these methods as may be determined by the Faculty. Each candidate shall forward to the Registrar before the first day of February or the first day of August in any year notice of his intention to present himself for the next examination, and shall state the group of subjects in which he desires to be examined.

5. The candidate shall submit with this notice a printed or typewritten thesis of his own composition on some branch of medicine or of the allied sciences, embodying the results of independent research and observation. The candidate may be required to undergo an examination in the subject matter of his thesis. The thesis may be written specially for the degree, or be an already published work, or a paper or series of papers read before any recognized medical society approved by the Faculty, and the candidate shall indicate wherein he considers that it advances medical knowledge or practice, and shall furnish a history of the progress of medical knowledge in the subject to the date of its presentation. If the thesis be adjudged to be of sufficient merit, by the Faculty or by the Examiners appointed to adjudicate upon it, and if the candidate furnish evidence satisfactory to the Faculty of an advanced knowledge of the principles and practice of medicine, he may be exempted from a part or the whole of the examination. If the thesis be not considered of sufficient merit by the Examiners, the candidate shall not be permitted to proceed to examination.

6. The names of successful candidates shall be arranged in alphabetical order.

7. A printed or typewritten copy of any thesis approved by the Examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

8. Schedules may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council—

(a) prescribing general rules for the admission of candidates during the first or second year after admission to the degree of Bachelor, but without restricting the power of the Council to grant permission to special cases;

(b) prescribing further details of the subjects mentioned in Regulation III;

(c) prescribing the circumstances to be taken into consideration when exempting a candidate from a part or the whole of the general examination.

Any such schedules shall be published in the University Calendar as soon as possible after they are approved by the Council.

9. The following fees shall be paid in advance:—

On entry for examination	£15 15 0
For the degree of Doctor of Medicine ..	10 10 0

Allowed 2nd December, 1926.

SCHEDULES UNDER REGULATION 8.

(a) Circumstances in which the period under Regulation 2 may be shortened:—

If the candidate has

(1) passed the M.B., B.S., final examination with credit; or

(2) held residential or visiting office, whether honorary or paid, in any public hospital or institution approved by the Faculty of Medicine and the Council; or

(3) assisted in the teaching in this or some other University recognized by the University of Adelaide.

the Faculty shall recommend to the Council the extent of exemption in each case.

(b) To be determined by the Faculty from time to time.

(c) Circumstances which may induce the Examiners to recommend exemption from a part or the whole of the examination:—

1. Any higher examination passed in other Universities or Royal Colleges.

2. Work in connection with a Hospital or recognised Medical School or Laboratory.

As approved by the Council, 25th June, 1926.

OF THE DEGREE OF MASTER OF SURGERY.

REGULATIONS.

1. To obtain the degree of Master of Surgery candidates must have been admitted to the degree of Bachelor of Surgery in the University of Adelaide, and must pass an examination as hereinafter prescribed.

Masters of Surgery of other Universities will not be recommended for admission to the *ad eundem* degree of this University unless the Faculty of Medicine certify that in its opinion the degree is equivalent to the degree of Master of Surgery in this University.

*2. The examination for the degree of Master of Surgery shall be divided into two parts. Part 1 shall consist of Anatomy and Physiology, and may be taken at any time after graduation in medicine and surgery. Part 2 shall consist of an examination in Surgery, and may not be taken before the expiration of two academic years from the date of graduation in medicine and surgery. Before being admitted to Part 2 of the examination a candidate must have spent at least one year in surgical practice approved by the Faculty of Medicine.

*3. A candidate in Part 2 of the examination shall, unless exempted as hereinafter provided, pass in

(a) the Principles of Surgery, including the history of the subject, and

(b) such one of the following groups as he may select:—

1. General Surgery, including Surgical Anatomy, Pathology, and Operative Surgery, and the history of those subjects;
2. Obstetrics and Gynaecology, including the surgical anatomy, pathology, operative surgery, and history of those subjects;
3. The Surgery of the Eye, including the surgical anatomy, pathology, operative surgery, and history of that subject;
4. The Surgery of the Ear, Nose, Throat, and Larynx, including the surgical anatomy, pathology, operative surgery, and history of those subjects.

4. An examination for this degree shall be held, if required, in May and November in each year. The examination shall be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients, or by any one or more of these methods as may be determined by the Faculty. Each candidate shall forward to the Registrar, before the first day of February or the first day of August in any year, notice of his intention to present himself for the next examination, and shall state the group of subjects in which he desires to be examined.

* Allowed 10th December, 1930.

*5. A candidate may submit with this notice an original thesis of his own composition on some branch of Surgery embodying the result of his independent research and observation. A candidate may be examined in the subject-matter of his thesis. The thesis may be written specially for the degree, or be an already published work, or a paper or series of papers read before any recognized medical society approved by the Faculty, and the candidate shall indicate wherein he considers that his thesis advances surgical knowledge or practice. If the thesis be adjudged to be of sufficient merit by the Faculty, after report by the Examiners appointed to adjudicate upon it, the candidate may be exempted from part of the examination for the degree, but in all cases he must pass the examination in the Principles of Surgery, including the history of that subject required under section (a) of Regulation 3, and also the appropriate clinical, practical, and oral examinations.

*6. At least one external Examiner shall be appointed to assist in the conduct of each examination, and the names of successful candidates shall be arranged in alphabetical order.

7. A printed or typewritten copy of any thesis approved by the Examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

*8. A candidate who has passed the primary examination for the Fellowship of the Royal College of Surgeons of England or Part 1 of the examination for the degree of Master of Surgery in another Australian University, may, on application to the Faculty of Medicine, be granted exemption from Part I of the examination.

*9. Schedules may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council:

(a) prescribing further details of the subjects mentioned in Regulation 3;

(b) prescribing the circumstances to be taken into consideration when exempting a candidate from a part of the examination.

*10. The following fees shall be paid in advance:—

On entry for examination	£26 5 0
For the degree of Master of Surgery ..	10 10 0

†11. With the permission of the Council and subject to such conditions as the Council may prescribe, candidates who graduated in or before 1930 may proceed to the degree of Master of Surgery under the regulations which were repealed on the 10th December, 1930. This regulation shall cease to be effective after the 31st December, 1934.

* Allowed 10th December, 1930. † Allowed 17th December, 1931.
Allowed 2nd December, 1926.

SCHEDULES UNDER REGULATION 9.

(a) To be determined by the Faculty from time to time.

(b) Circumstances which may induce the Examiners to recommend exemption from a part of the examination:

(1) any higher examination passed in other Universities or Royal Colleges;

(2) work in connection with a hospital or recognized medical school or laboratory.

As approved by the Council, 25th June, 1926.

OF THE DEGREE OF BACHELOR OF DENTAL SURGERY.

REGULATIONS.

1. To obtain the degree of Bachelor of Dental Surgery the student, after matriculation, must complete five years of study, and pass the examination proper to each year before commencing the course of study and practice for the following year.

*He shall forward to the Registrar notice of his intention to present himself at the examination in any year, together with certificates of having satisfactorily completed the course of study and practice prescribed for that year.

2. After passing the entrance examination, and before admission to the degree, the student shall attend at the department of Dentistry at the Adelaide Hospital, or at some other recognized hospital, such course of study and practice as may be from time to time prescribed.

*3. Schedules prescribing details of the course of study and practice for each academic year shall be drawn up by the Faculty of Dentistry, and, after approval by the Council, shall be published before the commencement of each academic year.

4. The student shall not in any academic year be credited with attendance at a course of instruction on any subject unless he shall have attended on three-fourths of the occasions when such instruction has been given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.

5. The Ordinary Examination shall be held in November of each year, the date to be fixed by the Council. In addition, a Supplementary

* Amended 7th December, 1932.

Examination may be held in the following March, or on a date to be fixed by the Council.

When the course of instruction in any subject has been completed before the end of the third term, the examination in that subject may be held at any convenient time to be appointed by the Council between the termination of such course and the date fixed for the Ordinary Examination in November.

Written or practical work done by candidates by direction of the Professors or Lecturers or the Superintendent of the Dental Hospital, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

6. Except where otherwise provided by these Regulations, the names of candidates who pass with credit at each Ordinary Examination shall be arranged in order of merit, and the names of other candidates who pass shall be arranged in alphabetical order.

The marks obtained at the fourth and fifth examinations shall be added together at the final examination, and the pass list shall be arranged as at the previous examinations.

7. Any student who has presented himself at an Ordinary Examination, but has failed to pass, or who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of such examination may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for examination at a Supplementary Examination. Such recommendation shall be made by the Board of Examiners when reporting the results of the Ordinary Examinations, but the Board shall in no case recommend for a Supplementary Examination any student who has failed to pass in more than two subjects at the Ordinary Examination.

8. The student shall not be re-examined at the Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and, on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification shall be allowed.

9. Any student who has passed examinations *in pari materia* in other faculties or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass lists of that year. The Faculty shall recommend to the Council the exemption to be granted in each individual case.

10. At the First Examination the student shall satisfy the Examiners in each of the following subjects:—

1. Chemistry (402).
2. Physics (401).
3. Zoology (403).
4. Dental Metallurgy (404).

*11. At the Second Examination the student shall satisfy the Examiners in each of the following subjects:—

1. Anatomy and Histology (411).
2. Junior Dental Anatomy (412).
3. Physiology and Biochemistry (413 and 414).
4. Dental Histology (411).
5. Prosthetic Dentistry (415).

12. At the Third Examination the student shall satisfy the Examiners in each of the following subjects:—

1. General Pathology and Bacteriology (421).
2. Dental Patho-histology (422).
3. Senior Dental Anatomy (423).
4. Dental Materia Medica and Therapeutics (424).
5. Prosthetic Dentistry (425).
6. Operative Dentistry (426).

13. At the Fourth Examination the student shall satisfy the Examiners in each of the following subjects:—

1. General Surgery (431).
2. General Medicine (432).
†3. General Dental Practice.

14. At the Fifth Examination the student shall satisfy the Examiners in each of the following subjects:—

1. Anaesthetics (441).
2. Dental Surgery and Pathology (433).
3. Prosthetic Dentistry (434 and 442).
4. Orthodontia (436 and 443).
5. General Dental Practice.

(The Examination in Prosthetic Dentistry shall include Oral Prosthesis and Crown and Bridge work).

15. The fees for the course shall be

Fifty pounds a year for the five years of the course in three sums of sixteen pounds thirteen shillings and fourpence per term, payable in advance.

*Allowed 12th December, 1929. † Allowed 7th December, 1932

Should a candidate fail to pass in the examination at the end of any year and not be granted a supplementary examination, or be granted a supplementary examination and fail therein, he shall pay twenty-five pounds for his instruction during the ensuing year and his examination.

The above fees will include all ordinary examination fees and the fee for the degree of Bachelor of Dental Surgery and all fees at the General Hospital and the Dental Department.

Five guineas for each supplementary examination.

16. All regulations hitherto in force concerning the degree of Bachelor of Dental Surgery are hereby repealed, subject to the following provisions:—

(a) These regulations shall apply to students beginning the course for the degree of Bachelor of Dental Surgery in and after the year 1928;

(b) Students who began their course before 1928 must complete it before the end of March, 1931, in accordance with the old regulations. Students who fail to do so must continue under these regulations, and for that purpose will be granted such status as the Council on the recommendation of the Faculty of Dentistry shall decide.

17. All questions arising under these regulations shall be determined by the Council.

Allowed 7th December, 1927.

SCHEDULES.

Subjects for each Year of the Dental Course.

Note.—The dental clinical year at the Department of Dentistry of the Adelaide Hospital extends, except in the case of second-year students, from 1st February until the date in the Calendar on which lectures end in October. (See Hospital Rule 8).

I.

During the first year every student shall attend a course of instruction on each of the following subjects:—(a) Chemistry, (b) Physics, (c) Zoology, (d) Dental Metallurgy.

During the second year every student shall attend a course of instruction on each of the following subjects:—(a) Anatomy and Histology, (b) Junior Dental Anatomy, (c) Physiology and Biochemistry, (d) Dental Histology, (e) Prosthetic Dentistry; and shall attend at the Department of Dentistry of the Adelaide Hospital:—(f) the practical demonstrations on Prosthetic Dentistry, (g) the course of demonstrations and practical work on Tooth Morphology.

During the third year every student shall attend a course of instruction on each of the following subjects:—(a) General Pathology and Bacteriology, (b) Dental Patho-histology, (c) Senior Dental Anatomy, (d) Dental Materia Medica and Therapeutics, (e) Prosthetic Dentistry, (f) Operative Dentistry; and shall attend at the Department of Dentistry of the Adelaide Hospital:—(g) the course of demonstrations and laboratory work on Operative Dentistry and on Prosthetic Dentistry, (h) the dental practice and clinical instruction.

During the fourth year every student shall attend a course of instruction on each of the following subjects:—(a) General Surgery, (b) General Medicine, (c) Dental Surgery and Dental Pathology, including Local Anaesthetic technique, (d) Prosthetic Dentistry, (e) Crown and Bridge work, (f) Orthodontia; and shall attend at the Adelaide Hospital:—(g) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry:—(h) the course of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technique, and on the administration of Local Anaesthetics, (i) the dental practice and clinical instruction during the whole dental clinical year.

During the fourth or the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) Ethics, Economics, and Dental Jurisprudence, (b) Prophylaxis and Oral Hygiene.

During the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) General Anaesthetics, (b) Prosthetic Dentistry, (c) Orthodontia, (d) Oral Surgery, (e) Dental practice and clinical instruction.

For Syllabus and Minimum Requirements, see Appendix.

RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ADELAIDE HOSPITAL.

1. Each dental student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.

2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.

3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.

4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.

6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.

At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.

8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.

A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.

He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.

9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

OF THE DEGREE OF DOCTOR OF DENTAL SCIENCE.

REGULATIONS.

1. To obtain the degree of Doctor of Dental Science candidates must have been admitted to the degree of Bachelor of Dental Surgery in the University of Adelaide, and must pass an examination as hereinafter prescribed.

2. No candidate shall be eligible for examination until the ninth academic term after his admission to the degree of Bachelor of Dental Surgery, except by permission of the Council.

3. The candidate, unless exempted as hereinafter provided, shall pass an examination in such one of the following groups of subjects as the candidate may select:—

(a) Odontology.

(b) Dental and Oral Surgery, and General and Dental Pathology and Bacteriology, and the History of these subjects.

(c) Dental and Oral Prosthesis, and the History of this subject.

(d) Orthodontia, and the History of this subject.

4. The candidate shall forward to the Registrar, not later than the 1st of July in any year, a notice in the subjoined form:—

I, ..., a Bachelor of Dental Surgery at the University of Adelaide, having been admitted to that degree on the .....day of ..... in the year ....., intend to become a candidate for the Degree of Doctor of Dental Science.

I desire to enter myself for examination in the third term of the current academic year in the following group of subjects:—

I submit herewith a thesis on.....

And I forward the prescribed fee of £21.

DATED the ..... day of ....., 19 .....

Signature of Candidate .....

Postal Address .....

To the Registrar,
University of Adelaide.

5. The candidate shall submit with this notice a printed or typewritten thesis of his own composition, on some branch of dental study, or of the allied sciences, embodying the result of independent research and observation. The candidate may be required to undergo an examination in the subject matter of his thesis. The thesis may be written specially for the degree, or be an already published work or a paper or series of papers read before any recognized Dental or other Society approved by the Faculty, and the candidate shall indicate wherein he

considers that it advances dental knowledge or practice, and shall furnish a history of the progress of dental knowledge in the subject to the date of its presentation. It shall not be any ordinary compilation from books, nor a mere compendium of cases, nor merely observational. If the thesis be adjudged of sufficient merit by the Faculty, or by the Examiners appointed to adjudicate upon it, the candidate may be exempted by the Council from a part or the whole of the examination for the degree. If it be not considered of sufficient merit by the Examiners, the candidate shall not be permitted to proceed to examination.

6. The examination shall be held, if required, in the third term of the year, and shall be conducted by means of printed or written papers, *viva voce* questions, and practical operations or any of these methods.

7. The names of successful candidates shall be arranged in alphabetical order.

8. A printed or typewritten copy of any thesis approved by the Examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

9. Schedules may be drawn up from time to time by the Faculty of Dentistry, subject to the approval of the Council

(a) prescribing further details of the subjects mentioned in Regulation 3;

(b) prescribing general rules for the admission of candidates during the first or second year after admission to the degree of Bachelor, but without restricting the power of the Council to grant permission in special cases;

(c) prescribing the circumstances to be taken into consideration when exempting a candidate from a part or the whole of the general examination.

10. The following fees shall be paid in advance:—

On entry for examination	£21 0 0
For the degree of Doctor of Dental Science	£10 10 0

Allowed 7th December, 1927.

SCHEDULE UNDER REGULATION 9b.

Circumstances under which the period of three years may be shortened:—

If the candidate has

(1) held residential or visiting office, whether honorary or paid, in any public dental hospital or institution approved by the Faculty of Dentistry and the Council; or

(2) assisted in teaching in this or some other University recognized by the University of Adelaide,

the Faculty shall recommend to the Council the extent of exemption in each individual case.

OF THE DEGREE OF BACHELOR OF MUSIC.

REGULATIONS.

1. Students who have passed Grade II. of the Public examinations in Theory of Music, or who satisfy the Professor and Lecturers of the School of Music that they have sufficient knowledge to enable them to enter upon the first year's course, may be enrolled as matriculated students in music; but all students in music, before they can take the degree of Bachelor of Music, must either

(a) have passed the Leaving examination, or

(b) have passed in the following subjects of the Leaving examination:—

(1) English Literature,

(2) History,

(3) One language other than English,

and *(4) One other subject,

or (c) produce evidence of having passed such examinations in this or any other University as may in the opinion of the Council be equivalent. †But in special circumstances this provision may be varied by the Council in the case of intending students who have attained the age of twenty-five years.

2. To obtain the degree of Bachelor of Music, each candidate must complete three academical years of study (not necessarily consecutive) and pass the examination proper to each year; and must also (a) compose an exercise to be approved by the Examiners, or (b) satisfy them of his ability as an executant as provided by Regulation 9.

‡3. To complete an academical year of study a candidate shall, unless exempted by the Council, attend the courses of lectures in all of the subjects specified for the examination in that year, but the separate courses of lectures need not all be attended in one and the same year, nor need the examination in all the subjects of a year be passed at the same time, provided that no candidate may proceed to the second or third year's work until the whole of the work for the preceding year or years has been completed.

4. No student shall in any term be credited with attendance at the University lectures, and the completion of any academic term of study in any subject, unless he shall have attended during that term three-fourths of the lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.

†5. At the first annual examination each candidate shall be required to satisfy the Examiners in each of the following subjects:—

Ear Tests.

Harmony and Counterpoint. (451 and 452.)

History of Music. (453.)

Pianoforte Playing (454) or Organ Playing. (455.)

* Allowed 7th December, 1927. † Allowed 1st December, 1921.
‡ Allowed 17th December, 1931.

6. At the second examination each candidate shall be required to satisfy the Examiners in each of the following subjects:—

Harmony and Counterpoint. (461 and 462.)
Double Counterpoint, Canon, and Fugue. (462 and 463.)
History and Literature of Music. (464.)
Form and Analysis. (464.)
Acoustics and Musical Theory. (465.)

7. At the third examination each candidate shall be required to satisfy the Examiners in each of the following subjects:—

Harmony and Counterpoint. (471 and 472.)
Double Counterpoint, Canon, and Fugue. (472 and 473.)
Form and Instrumentation. (474.)
History and Literature of Music. (475).

8. The examinations in all the above subjects may be conducted partly by printed questions and partly *viva voce*.

9. After passing the third examination, and before receiving his degree, each candidate must satisfy the Examiners as to his qualifications as either Composer or Executant.

1. If he elect to present himself as Composer, he must submit a musical exercise composed by himself for the occasion, of such length as to occupy not less than twenty minutes in performance, and fulfilling the following conditions::—

(a) It must be a Vocal Composition to any words the writer may select.

(b) It must contain real five-part vocal Counterpoint, with specimens of Imitation, Canon, and Fugue.

(c) It must have accompaniments for a quintet string band, with or without an Organ part.

*(d) It must also be of definite musical interest.

The candidate shall be required to make a written declaration that the exercise is entirely his own unaided composition. Such exercise must reach the Registrar before the 30th of September in the year in which the candidate proposes to take his degree. No exercise which has been rejected shall be used either in whole or part for the exercise on any subsequent occasion, except by special consent of the Examiners in Music. After the exercise has been approved by the examiners the candidate shall deposit either the original or a fair and complete copy in the University Library.

* Allowed 1st December, 1921.

2. If he elect to present himself as Executant, he shall do so in one of the following subjects: (a) Pianoforte, (b) Organ, (c) Violin, (d) any other instrument approved by the Faculty of Music, (e) Singing.

Each candidate who so presents himself shall be required

(a) to show a special skill in the execution and interpretation of solo and ensemble works in different styles, and also to show an intimate knowledge of classical and standard musical literature, in connection with his special subject, extending over a wide scope;

(b) to write an original essay of not less than 2,000 words upon some aspect of the subject chosen by him for examination, the topic of such essay to be prescribed by the Faculty of Music; and

(c) to satisfy the Examiners in sight reading.

10. Schedules defining, as far as may be necessary, the scope of the examinations in the above-mentioned subjects shall be drawn up by the Faculty of Music, subject to the approval of the Council, and shall be available not later than the month of March in any year when required.

*11. Except where otherwise provided by these Regulations, the names of candidates who pass with credit at each Ordinary examination shall be arranged in order of merit, and the names of other candidates who pass shall be arranged in alphabetical order.

12. Any student who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of any Ordinary examination, may apply to the Council for permission to present himself at a Supplementary examination in the following March.

13. Any student who has presented himself at an Ordinary examination, but has failed to pass, may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for re-examination at the Supplementary examination. Such recommendation shall be made by the Faculty of Music when settling the results of the Ordinary examinations.

14. The student shall not be required to be re-examined at any Supplementary examination in any subject in which he has passed at the Ordinary examination in the previous year, and, on passing the Supplementary examination in the subjects in which he has failed to present himself or to pass at the Ordinary examination, he shall be deemed to have completed an academic year of his course, but no classification shall be allowed.

* Allowed 11th December, 1924.

†15. The following fees shall be payable in advance in such instalments as the Council shall from time to time determine:—

For lectures and examination for each year of the course	£15 15 0
For each Supplementary examination	2 2 0
One-half of the annual fee prescribed shall be paid by students who are exempted from lectures, and by those who take lectures or examinations, or both, a second time.	
Fee payable by each student to accompany his exercise under Regulation 9	6 6 0
Fee for Executant's' examination under Regulation 9	6 6 0
Fee on taking the degree of Bachelor of Music	4 4 0

16. Candidates who have passed examinations of a similar character in other faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Music, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

*17. Candidates from other Universities who desire that the instruction they have received and the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Music of this University, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

18. Candidates who have passed the theoretical subjects of the third year for the Diploma of Associate in Music shall be granted the status of students qualified to enter upon the second year of the Mus. Bac. course. But candidates who have not taken Pianoforte or Organ as a principal subject in the Diploma course shall be required to undergo the practical test provided in Regulation 5.

Candidates who have passed in Pianoforte or Organ playing in Grade 3 of the Public examinations in Music, shall be exempted from further examination in those subjects for the first year of the course for the degree.

† Allowed 2nd December, 1926. * Allowed 6th December, 1922. Allowed 10th December, 1919.

For Syllabus, see Appendix.

OF THE DEGREE OF DOCTOR OF MUSIC.

REGULATIONS.

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

*2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

(a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.

(b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.

(c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.

(d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the Examiners and before taking his degree the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

(1) Harmony, up to eight parts;

(2) Counterpoint, up to eight parts;

(3) { Double Counterpoint, Canon, and Fugue, } up to five parts;

(4) Instrumentation;

(5) History of Music;

(6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each exmination shall be arranged in alphabetical order.

‡7. The following fees shall be payable in advance:—

On presenting the Exercise	£10 10 0
On entering for the Final Examination ..	5 5 0
On taking the Degree of Doctor of Music ..	10 10 0

* Allowed 10th December, 1919. † Allowed 10th August, 1916.
‡ Allowed 2nd December, 1926. Allowed 12th December, 1907.

OF THE DIPLOMA IN EDUCATION.

REGULATIONS.

1. There shall be a Diploma in Primary Education and a Diploma in Secondary Education. Candidates may take either or both of the Diplomas.

2. To obtain the Diploma in Primary Education every candidate:—

†(1) Shall be a graduate of the University in Arts or Science, or shall have passed the prescribed examinations in ten units in the Faculty of Arts. The subjects of study shall include Psychology and Education as prescribed for the ordinary degree of Bachelor of Arts, and, for non-graduates, English Language and Literature (one course).

(2) Shall take a course of professional study in the principles and practice of Primary Education as prescribed by the Council.

(3) Shall produce evidence to the satisfaction of the Council of having obtained adequate practical experience in teaching and school management in schools approved by the Council.

*3. To obtain the Diploma in Secondary Education every candidate—

(1) Shall be a graduate of the University in Arts or Science.

(2) Shall have regularly attended such lectures and passed such examinations in Psychology and Education as are prescribed for the Ordinary Degree of Bachelor of Arts.

(3) Shall take a course of professional study in the principles and practice of Secondary Education as prescribed by the Council.

(4) Shall produce evidence to the satisfaction of the Council of having obtained adequate practical experience in teaching and school management in schools approved by the Council.

4. Candidates may be excused from attendance at lectures or practical work, but only on special grounds to be allowed by the Council.

5. Candidates who desire that the examinations they have passed elsewhere, and the practical work they have done, should be counted *pro tanto* for the Diploma in Education, may on application to the Council 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.

* Allowed 1st December, 1921.

† Allowed 7th December, 1932.

*7. The undermentioned fees shall be payable in advance:—

For lectures in Educational Psychology ..	£3 3 0	
For examinations—		
Hygiene	£1 11 6	
Educational Psychology	1 11 6	
Principles of Primary School Method or Principles of Secondary Education ..	1 11 6	
Thesis	1 11 6	
For the Diploma	2 2 0	
		£11 11 0
†For inspection of Practical Teaching		£2 2 0

* Allowed 2nd December, 1926. † Allowed 7th December, 1932.
Allowed 9th December, 1920.
For Syllabus, see Appendix.

OF THE DIPLOMA IN COMMERCE AND OF THE DIPLOMA IN PUBLIC ADMINISTRATION.

REGULATIONS.

1. There shall be a Diploma in Commerce and a Diploma in Public Administration. Candidates may be awarded either or both diplomas, provided that graduates in Arts or any other Faculty and Associates of the University who, being candidates for either diploma, have already attended lectures and passed examinations in any subject or subjects in the course for that diploma, may be required to attend lectures and pass examinations in such other subjects as may be prescribed by the Council.

2. To obtain the Diploma in Commerce candidates shall

(a) Attend a course of instruction in English Composition during two years, but students who have passed the Leaving Examination in English Literature may be exempted from this course;

*(b) Attend lectures and pass examinations in the following subjects:

1. Accountancy I and II (482 and 483),
2. Economics (484),
3. Commercial Law (485),
4. Statistics I (486),
5. Commercial Practice (487);

and in one of the following:—

1. Accountancy III (490),
2. Commercial Law II (491).

* Allowed 17th December, 1931.

3. To obtain the Diploma in Public Administration candidates shall

(a) Attend a course of instruction in English Composition during two years, but students who have passed in the Leaving Examination in English Literature may be exempted from this course;

(b) Attend lectures and pass examinations in the following subjects:

1. Economics (484),
2. Statistics I (486),
3. Political Institutions (495),
4. Public Administration (496),
5. Public Finance (497),
6. Two courses, of which one must be in English Language and Literature or Ethics, selected from the subjects prescribed in Regulation II of the degree of Bachelor of Arts.

4. There shall be an examination at the end of the course of lectures in each subject. Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

There may be an examination in any subject in a year in which there is no ordinary examination; but, except upon grounds to be approved by the Council, only candidates who were qualified to sit for a former examination in that subject shall be allowed to present themselves for such examination.

Candidates who fail to pass in any subject or who have been prevented from presenting themselves at examination, shall again attend lectures and do practical work in that subject to the satisfaction of the lecturer, unless exempted by the Council.

5. Candidates shall enter at least one month before the date fixed for the examination, and must present certificates showing that they have attended the prescribed lectures, and have done written or other work (if required) to the satisfaction of the professors and lecturers.

6. Candidates who have passed the examinations prescribed for a diploma shall be awarded that diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

7. The following fees shall be paid in advance in such instalments as the Council shall from time to time direct:

(a) For instruction in English Composition, per annum £1 1 0

(b) For lectures and examinations:

Accountancy I and II, each part ..	£4 4 0
Accountancy III	5 5 0
Economics	5 5 0
Commercial Law I	3 3 0
Commercial Law II	5 5 0
Statistics I	3 3 0
Commercial Practice	3 3 0
Political Institutions	3 3 0
Public Administration	4 14 6
Public Finance	1 1 6
For courses from the Faculty of Arts, fees as prescribed in the regulations for the B.A. degree.	
(c) Fee for each diploma	£2 2 0

One-half of the fee prescribed for any course in Section (b) shall be paid by students who are exempted from lectures and by those who attend a course a second time. A candidate who fails in an examination and is not required to attend lectures a second time shall pay £1 1/ for a subsequent examination in the same subject.

8. Schedules defining, as far as may be necessary, the range of study, lectures, and other work and examinations, shall be drawn up by the Council, and published not later than January in each year.

9. Candidates may be excused attendance lectures on any subjects in which they desire to be examined, but only upon grounds approved by the Council.

10. Candidates who have passed equivalent examinations and desire to count them towards either of these diplomas may be granted such exemption from the requirements of these regulations as the Council may determine.

11. A candidate who has passed the University examination in any subject of the courses prescribed for the B.A., B.Sc., and LL.B. degrees, may have the fact recorded on his diploma.

12. Whenever the number of students desiring to attend lectures in any subject is smaller than a minimum fixed by the Council, the lectures upon that subject may be omitted or discontinued.

13. Candidates who have entered under the regulations repealed in 1927 may proceed thereunder notwithstanding such repeal, or may be permitted by the Council on such conditions as it shall in each case allow to proceed under the regulations hereby substituted. If they proceed under the repealed regulations they must complete the course for the diploma before the end of 1930.

Allowed 12th December, 1929.
For Syllabus, see Appendix.
NOTE.—Holders of either Diploma may use the letters A.U.A.

OF THE DIPLOMA IN PHARMACY.

REGULATIONS.

1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Pharmaceutical Studies.

2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend the courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (501 and 502), Organic Chemistry (504 and 505), Volumetric Analysis and Drug Assay (507), Botany (508), Materia Medica (509 and 510), Forensic and Commercial Pharmacy (506), Practical Pharmacy and Dispensing (503, 511 and 512);

(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Pharmaceutical Studies.

3. Schedules defining the courses of study in the subjects prescribed shall be drawn up from time to time by the Board of Pharmaceutical Studies and be approved by the Council.

4. Before enrolling for the course of study in each year and upon entering for any examination every candidate shall satisfy the Board of Pharmaceutical Studies that he is eligible to do so.

5. The examinations shall be conducted by a Board of Examiners appointed by the Council on the recommendation of the Board of Pharmaceutical Studies.

Candidates shall enter at least one month before the date fixed for the examination, and must present certificates showing that they have attended the prescribed lectures and laboratory courses to the satisfaction of the professors and lecturers.

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.

6. Candidates who fulfil the conditions shall be awarded the Diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

Fee for the Diploma £2 2 0

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

Allowed 7th December, 1932.

UNIVERSITY TUTORIAL CLASSES.

The University Tutorial Classes, which were first established by the University in 1917, provide facilities in University education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. A tutorial class covers a three years' period of study, with 24 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to write fortnightly essays on subjects prescribed by the tutor. They are also expected to give a pledge that they will attend regularly throughout the full course, unless prevented by ill-health, overtime, absence from the State, or other unavoidable cause. Each class is preceded by a preparatory course of 12 lectures, and if at the end of this preparatory stage, 24 students are willing to undertake a full tutorial course, the committee sanctions the conversion of the preparatory into a tutorial class. A library is provided for each class by the Joint Committee. The students pay a fee of 5s. per class per annum.

Syllabuses and further information may be obtained on application to the Tutor in Charge of Tutorial Classes, University, Adelaide, or the General Secretary of the Workers' Educational Association, University, Adelaide.

EVENING LECTURES.

1. The Government has made an annual grant to the University for the establishment of night lectures in Arts and Science subjects for the benefit of teachers and others. Arrangements have been made to give the following courses of lectures during 1933 : Chemistry, Education, English Literature, French, Geography, Geology, History, Latin, Logic, Mathematics, Physics, and Psychology.

2. The Education Department has established Studentships for the encouragement of such students (for details see Evening Studentships, p. 248), and the Council admits students of the School of Mines at a reduced fee.

PUBLIC LECTURES.

3. The Council has also instituted short courses of lectures, called Public Lectures in Arts and Science, at a nominal fee. Public intimation of these lectures is made from time to time during the session.

LABORATORY RULES.

RULES APPLYING TO ALL LABORATORIES.

Candidates desiring to enter upon any laboratory course in the University must enter their names with the Registrar not less than fourteen clear days before the beginning of the first term.

Provisional entry must be made at the proper time by students who intend to qualify to take a particular course by presenting themselves for a supplementary examination in February or March. The entry must be completed and the proper fees paid without delay upon the publication of the results of the supplementary examination.

Late entries may be accepted by the Council under the provisions set out in the fourth paragraph of Chapter VIII. of the Statutes.

Favourable consideration will be given to applications from undergraduates, who are well advanced in their course, for facilities to carry out approved research. Such applications should be made in writing to the Registrar, and should contain a full statement of the investigation proposed and the facilities desired.

RULES OF THE BOTANICAL LABORATORY.

I. The Botanical Laboratory shall be open each week-day, during term time, from 9 a.m. to 5 p.m., Saturdays 9 to 12.

II. Each student shall have a definite seat assigned to him in the Laboratory, which he may not change without permission.

III. Each student shall have free use of a locker or drawer, of which a key may be obtained on deposit of half-a crown. This will be refunded when the key is returned.

IV. All necessary reagents and materials are provided by the Laboratory, but each student is required to provide himself with the following :—

1 pocket lens
1 forceps (fine-pointed)
1 scissors (fine)
3 needles in handles
1 pipette with rubber teat
2 dusters
1 soft silk handkerchief
2 razors (one flat and one hollow-ground)
1 camel-hair brush (fine)
Microscope slide glasses, 3″ by 1″, in cover glasses No. 2
Lead-pencils
Notebook for drawing, which must be of unruled paper

MICROSCOPES.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be hired for use in the Laboratory only, at a fee of £1 1s. per term, but each student is strongly advised to purchase his own instrument.

V. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.

VI. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

VII. All preparations made from materials supplied by the University shall be its property.

VIII. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

IX. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, 13th December, 1912.

RULES OF THE ZOOLOGICAL LABORATORY.

I. The Laboratory is open every week-day throughout the session from 9 a.m. to 5 p.m.; on Saturdays from 9 to 12.

II. Each student has a definite seat assigned to him in the Laboratory, which he is not allowed to change without permission.

III. Each student has the free use of a locker or drawer, of which a key may be obtained from the assistant on payment of a deposit of half-a-crown. This will be refunded when the key is returned.

IV. All necessary reagents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—

1 pocket lens.
3 dozen slides, 3 in. x 1 in.
½-oz. cover-glasses, ¾-in. squares No. 2.
1 box for mounted slides.
1 case of biological instruments, containing—
3 scalpels (large and small).
2 forceps (broad and fine pointed).
2 scissors (large and small).
3 needles (in handles)
1 seeker.
1 section-lifter.
2 razors.

Microscopes: Medical students are required to supply their own instruments (see first year schedule for degrees of M.B. and B.S.); other students may use microscopes provided by the University on payment of a fee of £1 1s. per term. Every student taking the courses of Zoology and Physiology is strongly advised, however, to purchase at the beginning of his course a microscope of approved pattern for himself, as it is a great advantage for him to become familiar with his own instrument.

Each student will also provide himself with—

2 dusters.
1 small chamois leather.
1 soft silk handkerchief.
Notebook, lead and coloured pencils.
No ink allowed.

V. Paper and scraps or refuse of any kind must not be thrown into the sinks, but into the vessels provided for the purpose.

VI. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

VII. All preparations made from materials supplied by the University shall be its property.

VIII. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

IX. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

X. The Professor may exclude any student from the Biological Laboratory for any cause he shall think sufficient. Every

such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

XI. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, June, 1911.

RULES OF THE CHEMICAL LABORATORY.

I. The Chemical Laboratory shall be open during term time each weekday from 9 a.m. till 5 p.m. (Saturdays, 9 a.m. till 12 noon). Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

II. No student will be admitted to a course in Practical Chemistry if the Professor is not satisfied that he possesses sufficient theoretical knowledge to enable him to take advantage of the course.

III. Each student will be provided by the University with a working bench with the necessary fittings, a set of reagents, and apparatus required for the ordinary courses. At the end of the practical class each day students must put away all apparatus other than that fixed up for an experiment which has not been completed, and must leave their benches clean. Reagent bottles which require filling must be placed on the top of the bench reagent shelf.

IV. Students in Chemistry must, at the beginning of the session, pay a deposit fee of £2.* Against this deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

V. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

VI. All preparations made from materials supplied by the University shall be its property.

* *Approved by Council, 1930.*

VII. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

VIII. The Laboratory will be open gratis to students or graduates engaged in research work under the direction of the Professor, except as regards such payment for material and special attendance as the Professor may determine.

IX. The Professor may exclude any student from the Laboratory for any cause he shall think sufficient. Such exclusion shall be reported to the Council, which may affirm or cancel the exclusion, and determine whether the fees paid by the student shall be refunded.

X. Strict economy must be observed in the use of gas, water, and other materials in the Laboratory. Fines, not exceeding 2s. 6d. in each case, may be imposed for waste or misuse, or for any breach of the Laboratory Rules.

XI. The fees for students not attending a regular University course are as follows :—

For 5 days in the week, £4 5s. per month, or £10 per term.
For 4 days in the week, £3 6s 8d. per month, or £8 per term.
For 3 days in the week, £2 10s. per month, or £6 per term.
For 2 days in the week, £2 per month, or £4 per term.
For 1 day in the week, £1 per month, or £2 per term.

Made by Council, 1928.

RULES OF THE PHYSICAL LABORATORY.

I. The Physical Laboratory shall be open daily during term time (Saturdays excepted) at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.

II. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

III. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.

IV. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open *gratis*, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

V. The Professor of Physics may exclude from the Physical Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council, June 30, 1899.

LABORATORY TESTING.

The Physics Department is well equipped for the work of standardizing measures, gauges, etc.; of calibrating electrical instruments, pyrometers, or other measuring instruments; and of testing the mechanical, electrical, or magnetic properties of samples of material.

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; the standard 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; also the examination of metals by the metallurgical microscope.

RULES OF THE LABORATORY OF PHYSIOLOGY AND BIOCHEMISTRY.

I. The Laboratory of Physiology and Biochemistry shall be open upon each week-day during term time (Saturdays and holidays excepted) from 10 a.m. to 5 p.m. For persons carrying on advanced work or original research the laboratory will also be open at such additional hours as the Professor may from time to time determine.

II. No student will be admitted to laboratory work until he has shown to the satisfaction of the Professor of Physiology and Biochemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

III. Each student must, at the beginning of the year, pay a deposit fee of £1, against which will be debited breakage of ordinary apparatus, such as flasks, beakers, dishes, etc. The balance of

this fee, if any, will be refunded at the end of the year. In addition to this deposit fee and at the same time each student must pay an annual fee of £1 on account of cost of material.

IV. Students engaged in private investigations may be required to provide themselves with any materials which they may need and which are not included amongst the ordinary apparatus and reagents, also with the common apparatus and chemicals when they are employed in large quantities.

V. The larger and more expensive pieces of apparatus may be supplied for the general use of students by the laboratory on the condition that all breakages may have to be made good by the students using or breaking them on such basis as the Professor may determine.

VI. All preparations made from materials supplied by the University shall be its property.

VII. No experiments of a dangerous nature shall be performed without the express sanction of the Professor.

VIII. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

Made by Council, 1921.

RULES FOR THE UNIVERSITY LIBRARY.

I. Opening and Closing of the Library.

The Library shall be open daily from 9 a.m. to 5 p.m., excepting Saturday afternoons, Sundays, public holidays, and such other times as the Council may direct that it shall be closed. It shall also be open on such evenings as the Library Committee may direct.

II. Persons Entitled to Use the Library.

1. The following persons shall be entitled to use the Library for reading purposes:—

Members, and past members, of the University Council,
Graduates of the University,
Members of the teaching staff of the University or Conservatorium, and members of any Faculty or Board of the University,
Officers of the administrative staff,
Students attending lectures at the University.

2. Other persons who are desirous of using the Library for the purposes of study may, on application to the Council, receive a ticket entitling them to the use of it for a fixed period of time. Any member of the Library Committee may grant admission until the next meeting of the Council.

III. Conduct of Readers.

1. Books are not to be removed from the Library, except as provided in Section IV.

2. After books have been taken from the shelves they are not to be returned thereto, but left on the tables.

3. Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure any book, whether by writing or in any other way, may be excluded by the Librarian or officer in charge, and shall make good any damage caused; further, they may be deprived of the use of the Library for such time as the Council may determine.

IV. Borrowing of Books.

1. Members of the Council, Professors, Lecturers, Assistant Lecturers the Registrar, the Master of St. Mark's College, and the Master of St. Andrew's College shall be entitled to borrow books from the Library.

2. Honours and post-graduate research students and members of the teaching staff other than those mentioned in Section IV., 1, may have the privilege of borrowing such books as are approved by a Professor; but the approval of the Professor must be given on a prescribed form for each book borrowed.

3. Any book may be borrowed, with the exception of works specially reserved, but these may be borrowed if permission is granted by the Council.

4. It shall be in the power of the Librarian to limit the period for which certain specified periodicals and books of reference may be borrowed. He may also reserve certain specified periodicals from issue until they have been on the shelves for a week.

5. No book or periodical may be borrowed until it has been entered on the borrowers' list.

6. Books borrowed must be returned to the officer in attendance within a fortnight; the loan may be renewed for a further fortnight if, in the meantime, no other application has been received for the book; but on written notice from the Librarian, all books must be returned for checking.

7. Any borrower failing to return a book, within three days after being notified in writing to do so by the Librarian, shall be liable to a fine of a shilling per volume for each day of detention beyond the three.

8. So long as any fine incurred remains unpaid, or so long as any person continues in possession of a book which he is not entitled to retain, the right of such defaulter to borrow books shall be suspended.

9. The borrower shall restore the volume in the same condition in which he received it (fair wear and tear excepted), but shall be liable for any damage it may have sustained while in his keeping, and, in the event of its loss, shall replace it.

V. Departmental Libraries.

The foregoing rules shall apply to Departmental Libraries.

VI. Rules for the Conservatorium Library.

1. Teachers in the Conservatorium are entitled to borrow books or music from the Library. Students may borrow music on the written recommendation of a teacher, but must not have in their possession more than two copies at the same time.

2. In all other respects the foregoing rules of the University Library shall apply to the Conservatorium Library.

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 :—

I. 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.

II. 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.

III. 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.

IV. The Council shall compile and keep a record of the Academic and extra-University career of each alumnus.

V. 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.

VI. 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.

THE WAITE AGRICULTURAL RESEARCH INSTITUTE.

The Waite Agricultural Research Institute was established as a result of the late Mr. Peter Waite's gift to the University of Adelaide for the purpose of furthering the cause of education and research in Agriculture and allied subjects. The endowment comprises the Urrbrae, Claremont, and Netherby estates, consisting of 299 acres of agricultural and grazing land situated at Glen Osmond, and a trust fund of £58,450.

The University Council decided that the best means of giving effect to the wishes of the donor would be to establish an Agricul-

tural Research Institute, and endeavour to enlarge the stock of knowledge relating to agriculture in the widest sense, and pass it on to those actively engaged in production as farmers and pastoralists.

Moreover, the Council decided that, for the present, investigation would be confined to plant and soil problems and to the diseases of farm crops. It also appointed its Finance Committee to act as the Board of Management of the Institute.

The active work of the Institute began in March, 1925. The initial task was the gradual conversion of a large suburban estate into a modern Agricultural Research Station. As the funds available at the inception of the Institute were insufficient to erect and equip the necessary permanent buildings, laboratories were improvised in the existing buildings on the estate, pending the erection of permanent structures.

Sixty acres of arable land on the Urrbrae estate and eleven acres on the Netherby estate were cleared and converted into permanent experimental fields for the determination of the problems affecting the production of farm crops, the improvement of crops and pastures.

A meteorological station and a system garden, containing upwards of 200 species of indigenous and exotic fodder plants, were established in 1925.

A pot culture house, 80 feet by 18 feet, was erected in 1925 to carry out investigations on the water requirements of farm crops.

Practically the entire farming plant required for the initial development of the field investigations came as gifts from agricultural implement manufacturers; and a stone implement shed, 90 feet by 30 feet, was erected to accommodate these implements.

During 1926 the Council for Scientific and Industrial Research, in co-operation with the Waite Institute, undertook to investigate the cause of the Tomato Wilt disease. The Council erected an insect-proof glasshouse at a cost of £1,600 for the purpose of this investigation.

In 1927 the Empire Marketing Board, in co-operation with the Council for Scientific and Industrial Research and the University of Adelaide, jointly agreed to provide funds for the investigation of the mineral deficiencies of pastures in Australia. The Empire Marketing Board agreed to contribute a grant of £3,000 towards a laboratory and a sum of £1,875 per annum for a period of five years for this co-operative investigation. The Council for Scientific and Industrial Research contributed £3,000 towards a laboratory for the

investigation of the mineral content of pastures and the soil problems associated with the Murray River settlements, and a sum of £937 per annum for five years towards the maintenance costs of the former investigation.

Through the generosity of Sir John Melrose, of Ulooloo, who in 1927 donated £10,000 towards the building of a laboratory, the University was able to construct the first group of permanent laboratories for the Institute. The building was formally declared open by His Excellency the Governor, Sir Alexander Hore-Ruthven, V.C., on 22nd April, 1929. Mr. J. T. Mortlock contributed a sum of £2,000 to the University for the equipment of the laboratories.

A field station was established at the Waite Institute in 1927 by the Council for Scientific and Industrial Research for the investigations of problems relating to Animal Nutrition, under the direction of Professor T. Brailsford Robertson. Associated with the field station is a series of sixty pens for feeding sheep, and a metabolimeter room.

In December, 1927, the Parliament of South Australia passed the Agricultural Education Act, which provides for an annual appropriation for ten years to the University for the development of Agricultural Research at the Waite Institute. Under the terms of the Act the University has agreed to maintain a School of Agricultural Science of degree standard, and to provide for advisory services to the Department of Agriculture in Plant Pathology and Entomology. The Act provides for an appropriation of £5,000 for the year ending 30th June, 1927, and the amount of the annual appropriation gradually increases to £15,000 in 1937.

In 1928 the Imperial Chemical Industries Limited agreed to provide a sum of £2,000, spread over a period of three years, for the investigation of the effect of nitrogenous fertilizers, and in 1931 it made a further contribution of £666-13-4 for the same purpose.

Early in 1928 the Government of South Australia, through the Education Department, granted the Waite Institute the use of 115 acres of arable land, given by Mr. Peter Waite to the State for the establishment of an Agricultural High School. This area adjoins the Urrbrae Estate, and has been fenced, subdivided, and developed for the purpose of conducting field investigations on farm crops, on natural and sown pastures, and for the carrying out of grazing investigations.

During 1929 the Commonwealth Bank of Australia agreed to provide a sum of £2,500, conditionally upon the University providing a similar sum, towards the cost of a group of buildings comprising an insectary for the investigation of insect pests of farm

crops, a plant culture house for plant physiological and plant pathological investigations, and a laboratory to provide facilities for a range of four glasshouses. The buildings were completed in November, 1929, and were officially opened by R. B. McComas, Esq., a Director of the Commonwealth Bank of Australia, on 9th December, 1929.

In June, 1929, Mr. Harold Darling gave £10,000 to the University on behalf of the family of the late Mr. John Darling, for the building of a Soil Research Laboratory at the Waite Institute. The Council for Scientific and Industrial Research has agreed to provide the equipment and the maintenance of this laboratory, and, jointly with the University of Adelaide, to establish a Division of Soil Research with its headquarters at the Waite Institute.

The John Darling Laboratory was opened by His Excellency the Governor-General (Lord Stonehaven) on September 16, 1930.

The scientific work at the Waite Institute comprises the following:—

(A) AGRICULTURE AND PLANT GENETICS.

The investigation of the problems affecting the production of farm crops; the improvement of pastures; ecological and plant nutrition studies of pasture plants; the improvement of cereals and fodder plants by hybridization and selection.

(B) AGRICULTURAL CHEMISTRY AND SOIL RESEARCH.

The survey and classification of Australian soil types; the investigation of fertility problems, particularly in the irrigation settlements; and the chemical study of the nutritive value of pastures, with special reference to mineral constituents.

(C) PLANT PATHOLOGY.

Investigation of the diseases of agricultural crops, with particular reference to the spotted wilt disease of tomatoes, manganese deficiency disease of oats, and take-all and foot-rots of wheat.

(D) ENTOMOLOGY.

Investigation of the insect pests affecting agricultural crops.

(E) PLANT PHYSIOLOGY.

Investigation of problems in the mineral metabolism of plants with special reference to the mineral relationship of pastures.

The staff of the Institute is as follows :—

Director and Waite Professor of Agriculture—A. E. V. Richardson, M.A., D.Sc.
Waite Professor of Agricultural Chemistry—J. A. Prescott, D.Sc.
Entomologist—James Davidson, D.Sc.
Plant Pathologist—G. Samuel, M.Sc.
Plant Physiologist—A. H. K. Petrie, Ph.D., M.Sc.
Agronomist—H. C. Trumble, M.Ag.Sc.
Chemist—C. S. Piper, M.Sc.
Plant Geneticist—I. F. Phipps, M.Sc., Ph.D., B.Ag.Sc.
Agrostologist—J. G. Davies, B.Sc., Ph.D.
Agronomist—H. C. Gurney, M.Sc.
Chemist—R. J. Best, M.Sc.
Assistant Chemists—A. E. Scott, M.Sc., and H. P. C. Gallus, B.Sc.
Assistant Plant Pathologist—S. D. Garrett, B.A.
Assistant Entomologist—D. C. Swan, B.Sc.
Junior Agrostologist—E. A. Cornish, B.Ag.Sc.
Field Officer—K. A. Pike.
Field Assistant—F. C. C. Gross.
Clerical Officer—G. L. Gooden.
Typiste—Edna M. G. Goodale.
Technical Assistants—D. L. Parker, H. R. Skewes.
Laboratory Attendants—A. D. Cocks, E. J. Leaney, S. R. Hockley, D. A. Jordon, V. A. Stephen.

Officers of the Council for Scientific and Industrial Research stationed at the Waite Institute :—

Soil Survey Officer—J. K. Taylor, B.A., M.Sc.
Animal Nutrition Officer—A. W. Pierce, B.Sc.
Analyst—R. E. Shapter.
Assistant Agronomist—K. M. Fraser, B.Ag.Sc.
Assistant Chemist—J. S. Hosking, B.Sc.(Agric.).
Assistant Plant Pathologist—J. G. Bald, B.Ag.Sc.
Assistant Soil Surveyor—T. J. Marshall, B.Sc.
Field Officer—P. D. Hooper.
Agrostologist—A. B. Cashmore, B.Sc.
Entomologists—J. W. Evans, M.A., H. G. Andrewartha, M.Ag.Sc.
Secretarial Assistant—Jessie L. Thomas.
Laboratory Attendant—F. W. Cook.

RESIDENTIAL COLLEGES.

By the Acts of Parliament under which the Adelaide University was founded provision was made for affiliation to the University of residential colleges in which students could enjoy the advantages of residence, discipline, and tuition supplementary to that given by the staff of the University.

ST. MARK'S COLLEGE.

St. Mark's College, the first residential college in the Adelaide University, 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, and purchased a valuable property, the residence of the late Sir John Downer, which is situated on Pennington Terrace, North Adelaide. They also secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College obtained affiliation in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-story building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. In 1929-30 the need for further rooms became evident. A house adjoining the College on Pennington Terrace was purchased, and numbers were increased to forty-two.

The College is governed by a Council of nineteen members representing the Church of England, the Council of the University, the Governors of St. Peter's College, and the donors to the foundation funds. Although it is primarily under the management of the Church of England, the College is open freely to men of all religious denominations.

COUNCIL.

Ex-officio Members—

The Right Rev. A. Nutter Thomas, D.D., M.A. (Bishop of Adelaide).*

The Bishop of Willochra.

The Master.*

Appointed or Elected Members—

The Rev K. J. F. Bickersteth, M.C., M.A.*

Professor R. W. Chapman, C.M.G., M.A., B.C.E., M.I.E. (Aust.) (representing the Council of the University).*

The Rev. Canon R. P. Hewgill, M.A.

The Rev. H. P. Finnis, M.A., Mus.Bac.*

H. Gilbert, Esq., M.B., B.S.

C. A. S. Hawker, Esq., M.A.*

* *Members of the University Senate*

C. W. Hayward, Esq., M.A.*
H. W. Hodgetts, Esq. (Treasurer).
P. E. Johnstone, Esq., B.A., LL.B.*
The Dean Designate, Archdeacon Jose, M.A.*
C. T. Madigan, Esq., M.A., B.E.*
Sir Henry Simpson Newland, C.M.G., D.S.O., M.B., M.S.* (Chairman).
L. V. Pellew, Esq., LL.B.*
H. Thomson, Esq., K.C., M.A., LL.B.*
D. C. Turner, Esq.

Honorary Foundation Fellows—
Kenneth Julian Faithfull Bickersteth.
George John Robert Murray.
Henry Simpson Newland.
Thomas Slaney Poole.†
Arthur Nutter Adelaide.

Honorary Fellow—
William Mitchell.

STAFF.

Master.

Archibald Grenfell Price, D.Litt., Dip.Ed., F.R.G.S.*

Acting Master.

John Heywood Reynolds, B.A.*

Tutor in Residence.

H. Norman Tucker, B.A., B.C.L.*

Chaplain.

The Rev. H. P. Finnis, M.A., Mus.Bac., Precentor, St. Peter's Cathedral.

Bursar.

C. B. Jennings.

Teaching Staff, 1933.

History and Economics—The Acting Master.
Classics and Modern Languages—B. P. Wait, M.A.
Medical Studies—Medicine: G. A. Lendon, M.D.*
Surgery: A. H. Lendon, M.B., B.S.*
Physiology: To be appointed.
Physics—G. R. Fuller, B.Sc.*
Law—M. R. C. Kriewaldt, B.A., LL.B.*
English Literature—To be appointed.
Chemistry—G. K. Hughes, B.Sc.*

*Members of the University Senate.
†Deceased.

The College possesses an extensive property on Pennington Terrace, within easy reach of the University, and in the immediate vicinity of the University Oval. Accommodation is provided for the Master, Resident Tutors, and some forty students.

Admission.—The College is open to all male students of the University. There are at present no tests for entry, but before coming into residence students must forward testimonials of good character, and must sign a promise to submit to the College rules and discipline. Unless especially exempted, they must matriculate at the Adelaide University, but in special circumstances the College admits students engaged in full diploma courses.

Residence.—No student is permitted to remain in residence unless the Master and Tutors are satisfied with his conduct and diligence. Without previous permission no student is allowed out after midnight, nor, subject to certain exemptions, to be absent a night from College. Students who are members of the Church of England must attend one service on Sundays at the Adelaide Cathedral and be present at College prayers on two mornings a week.

Rooms.—Each student is provided with a bed-sitting room. Subject in all cases to the decision of the Master, rooms are allotted annually in order of application for admission. Necessary furniture is provided by the College.

Terms.—The usual date for opening of the College is approximately the second Tuesday in March, and all resident students are expected to come into College by that date. The terms correspond to those of the University, but students go out of residence on the completion of the work necessary for their academic year. If, in the opinion of the Master, justification exists, the College is opened during the vacation for Senior Medical, Engineering, Law, and Commerce students.

Fees.—The College charges inclusive fees of 34 to 38 guineas per term, according to work taken by the student. The only additional charges are for laundry, for the electric power of the students' radiators, and for membership of the Common Room Club. It has been found in practice that expenses can be kept within £130–£140 per annum. Students may obtain residence during vacations at 37/6 per week.

Bursaries.—The Council of the College, the Church of England, the Governors of St. Peter's College, and the late Mr. Harold Fisher have made available a number of bursaries tenable at St. Mark's. Particulars of some of these are advertised annually.

Entry forms and fuller information can be obtained from the Acting Master.

ST. ANDREW'S COLLEGE.

St. Andrew's College was founded in 1927 by the members of the family of the late Sir John James Duncan and the late Dame Jean Gordon Duncan in order better to perpetuate their memory by transferring their former residence at Mitcham with the grounds of about nineteen acres for the purposes of a residential college in affiliation with the University of Adelaide and in connection with the Presbyterian Church in South Australia. The College was affiliated with the University in 1927, and was declared open by His Excellency the Governor of South Australia in June, 1928.

The College is governed by a Council of fifteen members, including the Master of the College for the time being. The Visitor is the Moderator of the Presbyterian Church in South Australia. It is an unalterable condition attached to the foundation of the College that no religious test shall be administered to any person in order to entitle him to be admitted as a student of the College, or to the enjoyment of any of its privileges.

COUNCIL.

John Gordon Balfour.
Robert Roy Pitty Barbour, M.A. (Master).
Professor Arthur Lang Campbell, B.A., B.E.
John Grant Duncan-Hughes, M.A.
The Hon. Walter Duncan, M.L.C.
Maxwell Armstrong Fotheringham.
John Todd Gordon.
Norman Murray Gladstone Gratton, B.A.
Frank Sandland Hone, B.A., M.B., B.S.
William James Isbister, K.C., LL.B.
James Wallace Sandford.
The Rev. William Floyd Shannon, O.B.E., B.A.
Tom Elder Barr Smith, B.A.
Professor John McKellar Stewart, M.A., D.Phil.
The Rev. Norman Leslie Douglas Webster, B.A.

The College is situated in Fullarton Road, Upper Mitcham, in grounds of 19 acres, which give ample scope for building extension and for recreation. It is readily accessible by either the Mitcham or the Fullarton trams, and the University may be reached in approximately half an hour.

In accordance with the Statute of affiliation, the College is open to men students who have matriculated at the University, or have been admitted *ad eundem statum* therein, but 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.

Rooms.—Each student either occupies a bed-sitting room or has a bedroom to himself and shares a sitting-room with another student. Necessary furniture is provided by the College. Subject to the decision of the Master, rooms are allotted annually in order of seniority on the College register.

Terms.—The College opens the day before the commencement of University lectures in March, when all students should be in residence. The College terms correspond with University lectures, but in the third term students remain in residence until the completion of the work and examinations necessary for their academic year. In special circumstances arrangements may be made for the College to remain open during vacations.

Fees.—The fees vary from 34 to 38 guineas per term, according to the course taken. These fees cover the College charges for residence and tuition, i.e. for the period of the student's University and College work, within University terms.

Several scholarships are available annually, and details of these may be had on application to the Master.

For further information and for entry forms application should be made to the Master or to the Secretary, Mr. W. D. C. Paton, A.M.P. Chambers, 23 King William Street, Adelaide.

AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD.

I. The application made to the University of Cambridge to confer on Students from the University of Adelaide the same privileges as are conferred on Students from Colleges affiliated to the University of Cambridge has been granted, and the following Clause has been added to the Regulations of that University relating to the affiliation of the University of Adelaide :—

"That Matriculated Students of the University of Adelaide who "have completed therein two academical years of study and have passed "the First and Second Annual Examinations for the degree of Bachelor "of Arts, Science, Laws, or Medicine, be entitled to be admitted to the "privileges of affiliation, provided that in some one or more of the "Examinations (other than the Junior Public Examination) held by "that University they have satisfied the Examiners in Latin, one other "language not being English, Elementary Pure Mathematics, and "Elementary Applied Mathematics."

II. The University is also affiliated to the University of Oxford. For information in regard to the privileges thus conferred, students must

refer to the Statute "On Colonial and Indian Universities," in the volume entitled *Statuta Universitatis Oxoniensis*, which may be consulted on application to the Registrar.

III. A student who has passed the Matriculation Examination of the University of Adelaide is exempted—

(*a*) From Part I. of the Previous Examination if the Certificate includes two languages other than English, one of which is Latin or Greek, provided that the two languages have been taken on one and the same occasion.

(*b*) From Part II of the Previous Examination if the Certificate includes either Mathematics or Physics or Chemistry.

(*c*) From Part III. of the Previous Examination if the Certificate includes English.

OXFORD.

Any member of the University of Adelaide who shall have passed the Final Examination of that University either for the degree of Bachelor of Arts or for the degree of Bachelor of Science, and shall have obtained Honours in one or more subjects at such Examination, shall be deemed to have taken Honours as required by the provisions of Statt. Tit. II. Sect. VIII. cl. 5. (2) *October* 22, 1903.

Any member of the University of Adelaide who shall either (*a*) have passed the examination at that University for the degree of Master of Arts, or (*b*) have passed the Final Examination at that University for the degree of Bachelor of Laws, having also graduated in Arts, shall be deemed to have taken Honours as required by the provisions of Statt. Tit. II. Sect. viii. cl. 5. *February* 2, 1915.

That any member of the University of Adelaide who shall have passed the Senior Public Examination at that University for the degree of Bachelor of Arts, and shall at such Examination have satisfied the Examiners in Greek, shall be deemed to have shown a sufficient knowledge of Greek as required by the provisions of Statt. Tit. II. Sect. VIII. (4) *October* 22, 1903.

RECOGNITION OF UNIVERSITY BY TRINITY COLLEGE, DUBLIN.

ARTS.

Any student of this University producing the proper Certificates that he has passed two years in Arts studies or has passed the Examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which

he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

MEDICINE.

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

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

RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON.

The Institution of Civil Engineers has decided to exempt candidates for a studentship of that Institution from the Preliminary examination otherwise required, provided that the following examination is passed at the Adelaide University :—

English Literature, Arithmetic and Algebra, Geometry, Trigonometry (all at the Leaving Examination), Geography (at the Intermediate or Leaving Examination).

And two of the following, including not more than one language :—

Physics, Chemistry, Latin, Greek, French, German (all at the Leaving Examination).

To obtain this exemption all these subjects must be passed at the one examination.

The Institution has also decided to exempt holders of the B.E. Degree of the University of Adelaide in Civil, Mechanical, or Electrical Engineering from parts A and B of the examination for associate membership of that institution, provided that the above examination is passed on entrance to the University, and that a regular course of study occupying not less than three academical years has been pursued in the University between the passing of the above examination and the passing of the Final Examination for the Degree. For this purpose it will be sufficient if the entrance examination is passed at not more than two sittings.

RECOGNITION BY THE INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

The Institute of Chemistry of Great Britain and Ireland has placed the University on the list of Institutions recognized for the training of candidates for the examinations of the Institute. The University is

recognized under Section 4, Clause 2, and Section 5, Clause 2, of the Regulations of the Institute, which are as follows :—

Section 4, Clause 2 :—"Candidates who have obtained the Pass Degree of Bachelor of Science in a recognized University, and have complied with Clauses 1 and 2 of Section 3, are also eligible for admission to the Intermediate Examination, provided they produce evidence satisfactory to the Council that they have passed the Final or Degree Examination in Theoretical and Practical Inorganic and Organic Chemistry and Theoretical and Practical Physics, and that they have passed an Intermediate or Final University Examination in Mathematics covering the work set forth in paragraph (c) on page 15."

Section 5, Clause 2 :—"Candidates who have passed any of the following Examinations are exempted from the Intermediate Examination provided they produce evidence, satisfactory to the Council, of having been trained in Theoretical and Practical Chemistry, in Theoretical and Practical Physics, and in one optional scientific subject, in one or more of the Institutions recognized by the Council, in accordance with the Regulations of the Institute (pp. 14-17)."

NOTE.—The Regulations of the Institute may be consulted on application to the Registrar.

SCHOLARSHIPS, 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. It is of the value of £10, and is awarded to the student who is placed first in the annual examination in Greek I, in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1928	Gray, Eric William	1931	Polkinghorne, Noel Francis
1930	Thomas, Christopher Nutter	1932	Allen, James Lawrence

The Andrew Scott Prize for Latin.

This Prize has been founded by private subscription, in memory of the late Andrew Scott, B.A. The prize is of the annual value of £6, and is awarded to the student who is placed first in the annual examination in Latin I, in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1929	Walsh, Frances Mary	1931	Radcliff, Joanna Clare
1930	Church, John Henry	1932	Allen, James Lawrence

The James Gartrell Prize.

RULES.

Whereas James Gartrell has given the sum of £200 for the purpose of establishing an annual prize of £10: it is hereby provided that the same shall be awarded to the best student in Comparative Philology in the annual examination for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit, and that no student shall be eligible for the prize who has not passed in at least two units in the course for the B.A. degree in the year in which he presents himself in the examination in Comparative Philology.

As amended by Council, 27th June, 1930.

Awards.

For previous awards, see Calendars from 1932.

1929	Gray, Eric William	1931	Collins, Charles Vincent
1930	Haselgrove, Alan Halstead	1932	Oats, William Nicolle
	Whitburn, Jack		

The John Howard Clark Prize.

This Prize, of the value of about £20 a year for two years, was founded by public subscription in memory of the late John Howard Clark for the encouragement of English Literature at the University. For conditions see Statutes, Chapter XIV, "Of the John Howard Clark Prize," page 97.

Awards.

For previous awards, see Calendars from 1904.

1926	Frost, Mary Millicent	1928	Morriss, Elsie
1927	Frost, Mary Millicent	1931	Strehlow, Theodor Georg H.

The Tormore Prize.

RULES.

Whereas the sum of £130 has been paid to the University by the Old Scholars of Tormore House School for the purpose of founding a prize to perpetuate the memory of the said school: it is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the woman student in the first-year course in English Literature who, in the opinion of the Professor, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded, and it shall not be awarded to a student who has taken the course previously. The money shall be spent on books, for which a book-plate will be provided.

Made by Council 25th November, 1921.

Awards

For previous awards, see Calendars from 1927.

1927	Dunstan, Beryl Elvira M.	1929	Polkinghorne, Kate Elinor
1928	Myers, Irene Mary	1932	Moore, Griselda Margaret

The Bundey Prize for English Verse.

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

For conditions, see Statutes, Chapter XXXV, page 116.

For 1933 the subject prescribed is six sonnets on any subject in the Petrarchan or Shakespearian form.

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.

1926	Bleby, Dorothy Aileen	1930	Beurle, Norman Louis
1928	Greenland, Patrick Cecil	1932	Wells, Elizabeth Wynne

The Tinline Scholarship for History.

This Scholarship, of the annual value of £30, is offered annually, and is tenable for two years. It was founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother.

For conditions see Statutes, Chapter XXX, "Of the Tinline Scholarship," page 111.

Awards.

For previous awards, see Calendars from 1913.

1926	Reynolds, John Haywood	1929	Wilcher, Lewis Charles
1928	Mounster, Valerie Luella	1931	Badger, Colin Robert

The Roby Fletcher Prize.

This Prize was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. It is of the value of £10, and is offered annually. For conditions see Statutes, Chapter XX, page 104.

Awards.

For previous awards, see Calendars from 1904.

1927 Ewens, John Qualtrough
1929 Hunter, Brian Oswald
1931 Litchfield, Kenneth Lyle
1932 Carroll, Mary Philomena

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. The conditions of study and examination on which the award will be based shall be published annually.

4. The medal shall not be awarded to the same person more than once.

The medal will be awarded to the most distinguished student in Philosophy, Part II. The work will include an essay on the subject "The Philosophy of Plotinus."

Made by Council, 1920.

Award.

1925 Holmes, Edna Lucy, B.A., LL.B.

The John Lorenzo Young Scholarship.

This Scholarship was founded in memory of the late John Lorenzo Young, and is awarded to encourage research in Political Economy or some cognate subject.

For conditions, see Statutes, Chapter XXXIX, page 120.

Awards.

1918 Jackson, Sarah Elizabeth, M.A. 1921 Opie, Thomas Schulz

FACULTY OF SCIENCE.

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, "Of the Angas Engineering Scholarship," page 95.

The Scholarship is offered in alternate years, and will be offered in June, 1934. Candidates must give notice upon a special form obtainable at the University office.

Awards.

For previous awards see Calendars from 1911.

1926 Humphris, Francis H., B.E
1929 Bridgland, Reginald James
1930 Sprigg, Charles Mosse
Prox. Acc.:
Kindler, Johannes Ernst, B.E.
1932 Hunt, Max Aubrey, B.E.
Prox. Acc.:
Brooke, William C. R., 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, "Of the Angas Engineering Scholarship and the Angas Engineering Exhibitions," Sections 10 to 17 inclusive, page 96.

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.

1929 Kleeman, Alfred William
1930 Chapman, William Glanville
1931 Woithe, William Henry
1932 Vowels, Rex Eugene

The Ernest Ayers Scholarship in Botany or Forestry.

The late Ellen Milne Bundey, Mus.Bac., bequeathed the sum of £1,236 for the purpose of founding a Scholarship for the encouragement of original research in Botany or Forestry. The Scholarship is of the value of £120, and is offered in alternate years.

For conditions, see Statutes, Chapter XLIII, page 125.

Awards.

For previous awards, see Calendars from 1930.

1924 Macklin, Ellen Dulcie, B.Sc.
1930 Gurney, Harold Cyril, B.Sc.
1931 Eardley, Constance M., B.Sc.
1932 Cromer, D'Arcy A. N., B.Sc.

The John Bagot Scholarship and Medal.

This Scholarship, founded by Mrs. John Bagot in memory of her husband, provides exemption from fees in the Botanical Department for one year, to be extended over a second should the conduct of the student be satisfactory. Should it be awarded to a student already entitled to exemption from such fees, it shall be awarded at the option of the student, in books, instruments, or cash, to the value of £20.

Until 1932 the Medal was awarded with the Scholarship, but it is now offered annually for the best original work in Botany embodied in a thesis.

For conditions see Statutes, Chapter XXXIV, page 115.

Awards.

For previous awards, see Calendars from 1914.

Scholarship and Medal.

1928 Eardley, Constance Margaret
1929 Cleland, Elizabeth Robson
1930 Sims, Roxy

Scholarship Only.

1932 Ray, Nancy Maud

Prox. Acc.:
Hubble, George Dixon.

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 full particulars see Chapter LIII of the Statutes, page 132.

The Tate Memorial Medal.

RULES.

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal: it is hereby provided that—

1. A medal to be called the "Tate Memorial Medal" shall be offered annually for the best original work in Geology. A candidate may be required to pass an examination in the subject matter of his thesis.

2. Any student in the University shall be eligible to compete for the medal, provided that the thesis is submitted within three years of the completion of a prescribed course in Geology; but the medal shall not be awarded to the same person more than once.

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

4. No medal shall be awarded to a candidate who, in the opinion of the Council, is not deserving of it.

Approved by the Council, November, 1931.

Awards.

For previous awards see Calendar for 1932.

1924 Thomas, Richard G., B.Sc.
1926 Hossfeld, Paul Samuel, B.Sc.
1931 Woods, Nelly Hooper, M.A.
1932 Rooney, Clifford, B.Sc.

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, "Of the Stow Prizes and Scholar," page 98.

Awards.

For previous awards, see Calendars from 1904.

1929 { Hague, Ralph Meyrick; Hogarth, David Stirling; Hunter, Brian Oswald
1930 { Bray, John Jefferson; Hague, Ralph Meyrick; Hunter, Brian Oswald; Williams, Donald Carter
1931 { Gilmore, Jean; Hague, Ralph Meyrick; Litchfield, Kenneth Lyle
1932 { Gregory, Audrey Neva; Litchfield, Kenneth Lyle

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.

1919 **Stevens, Edgar Loveday**
1921 Piper, Francis Ernest
1923 Ure, Gwendolen Helen
1932 Hague, Ralph Meyrick

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, "Of the Bonython Prize," page 131.

Award.

1929 **Bleby, Thelma Evelyn, LL.B.**

FACULTY OF MEDICINE.

The Elder Prize.

This Prize was established by Sir Thomas Elder in 1882, and since his death in 1897 has been continued by the Council. It is of the value of £10, and is awarded to the student in the first year of the Medical Course who is placed first in the list of candidates who pass with credit.

Awards.

For previous awards, see Calendars from 1898.

1929 Birks, Peter Macintyre
1930 Crosby, Neil Daniel
1931 Watson, George Michael
1932 Thomson, Alexander McQ.

The Dr. Davies-Thomas Scholarships.

These two Scholarships, of the value of £10 each, were founded by Mrs. Davies-Thomas in memory of the late Dr. Davies-Thomas, sometime lecturer in the Principles and Practice of Medicine and Therapeutics.

They are awarded to the student in each of the third and fourth examinations of the Medical Course who is placed first in the list of candidates who pass with credit.

For conditions see Statutes, Chapter XXI, "Of the Dr. Davies-Thomas Scholarships," page 104.

Awards.

For previous awards see Calendars from 1911.

1929 { Gray, James Hugo (Second Examination)
Jolly, Wallace Wilson } (Third Examination)
Maegraith, Brian Gilmore }

1930 { Turner, Frederic Boyd (Second Examination)
Arden, Felix Wilfrid } (Third Examination)
Sangster, Christopher Bagot }

1931 { O'Connor, Walter John (Third Examination)
Pellew, Leonard James Ternouth (Fourth Examination)

1932 { Oaten, Harold Richard Hugh Noel (Third Examination)
Dorsch, Wilhelm Bernhard (Fourth Examination)

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 of award see Statutes, Chapter XL, page 123.

Awards.

For previous awards, see Calendars from 1923.

1929 Cooper, Kenneth Francis
1930 Jolly, Wallace Wilson
1931 Gibson, Robert Welch
1932 Price, Charles William Russell

The Everard Scholarship.

This Scholarship, founded by the late William Everard, is of the value of £30, and is awarded to the student who is placed first in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions see Statutes, Chapter XVIa, "Of the Everard Scholarship," page 99.

Awards.

For previous awards, see Calendars from 1904.

1929 Younkman, James Hannibal
1930 Jolly, Wallace Wilson
1931 Sangster, Christopher Bagot
1932 { Gray, James Hugo
Miller, Malcolm William
O'Connor, Richard Joseph
Pellew, Leonard James T.

The Lister Prize.

This prize has been provided by an anonymous donor in memory of the late Lord Lister, and is awarded for the best original thesis on some clinical surgical or clinical medical subject.

For conditions see Statutes, Chapter XXXVIII, page 119.

B.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the British Medical Association (S.A. Branch), to provide a prize to be awarded annually to the sixth-year medical student who obtains the greatest merit at the November examination in Group I—The Principles and Practice of Medicine, including Medical Diseases of Children and Psychological Medicine. The prize will consist of medical works of the value of Five Guineas to be selected by the student.

Awards.

1932 { Miller, Malcolm William
O'Connor, Richard Joseph

Prizes in Pharmacology.

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

A Junior Hoffmann-La Roche prize of £5 will be awarded annually to the student who obtains the highest number of marks at a special examination in Pharmacology to be held by the Professor of Pharmacology in November.

A Senior Hoffmann-La Roche prize will be 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 candidates, and there be in that year two junior candidates of equal merit, a second junior prize of £5 may be awarded.

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

Awards.

1931 Senior Prize: Cox, Carlton Ingham, B.Sc.
Junior Prize: O'Connor, Walter John
1932 Junior Prizes: Bennett, Graham Leslie
Crosby, Neil Daniel

BOARD OF COMMERCIAL STUDIES.

The John Creswell Scholarships.

These Scholarships were founded in 1913 by public subscription in memory of the late John Creswell. They are tenable for five years, and scholars proceed to the Diploma in Commerce.

For conditions see Statutes, Chapter XXXVI, page 116.

Awards.

(BY UNIVERSITY).

For previous awards, see Calendars from 1919.

1929 Balchin, Leonard Jack
1930 Matthews, Leonard George
1931 Cobiac, Leo William
1932 Buring, Eleanor Bette

The George Thompson Bursary in Commerce.

This Bursary was founded in 1923 by the Adelaide Co-operative Society, Limited, in memory of the late George Thompson, the first Secretary and Manager of the Society. For conditions, see Statutes, Chapter XLVI, page 128.

Awards.

1924 Gibson, Eric Ambrose
1925 McGowran, Brian Diarmuid K.
1928 Turner, Raymond Stanmore

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, "Of the Archibald Mackie Bursary," page 101.

Awards.

For previous awards, see Calendar for 1932.

1923 Leaver, Geoffrey Harold (resigned 1926)
1927 Freney, Martin Raphael (resigned 1927)
1928 Whittle, Howard Playford
1931 Dowie, Jean Phyllis

The Joseph Fisher Medal.

The Statutes provide for the annual award of this Medal to the candidate for the Diploma in Commerce who, on completing the course, shall, in the opinion of the Examiners, be the most distinguished, and be considered by them worthy of the award.

For conditions see Statutes, Chapter XXVIII, "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 110.

Awards.

For previous awards, see Calendars from 1913.

1928 Jeffress, Leslie Charles
1929 { Pentelow, Edith May
1929 { Wright, Dorothy M.
1930 Dawbarn, Richard Bunbury
1931 Adams, Harry

SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

The David Murray Scholarships.

These Scholarships, of the value of £25 each, were founded by the late David Murray, a former member of the Council of this University.

For particulars see Statutes, Chapter XXXI, "Of the David Murray Scholarships," page 112.

Conditions and Methods of Award by Faculties.

ARTS.

In order to encourage students to undertake work of an advanced character a David Murray Scholarship will be awarded on the result of the examination for the Honours Degree of Bachelor of Arts, in either Classics or Philosophy or Mathematics, to a candidate whose work is considered to be of sufficient merit.

SCIENCE.

This Scholarship is awarded to enable the recipient to carry out some scientific investigation. The successful candidate, who must have satisfied all the academic requirements for a degree in either Pure or Applied Science, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment will be made in two instalments, the first on approval by the Council of the subject of the scholar's work, and the second on receipt of a satisfactory report of progress.

LAW.

A David Murray Scholarship of £25 will be awarded each year to the candidate for the Ordinary Degree of Bachelor of Laws who, having been placed at his first attempt in the first class in at least four of the subjects in that course (excluding special subjects 1, 2, and 3), or in the first class in three and in the second class in three of those subjects, is considered by the examiners to be the most meritorious of the candidates graduating in that year.

Half of the amount of the Scholarship will be paid to the scholar on the making of the award, and the balance will be paid if and when the scholar completes his qualifications for the Honours Degree of Bachelor of Laws within three years of the making of the award.

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.

1929 { SCIENCE—Hughes, Gordon Kingsley, B.Sc.
LAW—Roman Law—Hague, Ralph Meyrick

1930 { ARTS—Classics—Prescot, Rupert Warre, B.A.
SCIENCE—Bosworth, Richard Charles Leslie, B.Sc.
LAW—Private International Law—Hague, Ralph Meyrick

1931 { ARTS—Classics—Gray, Eric William
SCIENCE—Beck, Alan Beavis, B.Sc.
LAW—Roman Law—Bray, John Jefferson
Jurisprudence—Hague, Ralph Meyrick

1932 { LAW— { Bray, John Jefferson
Hunter, Brian Oswald
MEDICINE—Gray, James Hugo

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 particulars see Chapter XXXIX of the Statutes, page 121.

Awards.

For previous awards, see Calendars from 1923.

1929 Cox, Alwyn Birchmore, B.Sc.
1930 Cox, Carlton Ingham, B.Sc.
1931 Cox, Carlton Ingham, B.Sc.
1932 Beck, Alan Beavis, M.Sc.

The Eric Smith Scholarship.

This Scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions see Statutes, Chapter XVIB, "Of the Eric Smith Scholarship," page 99.

Awards.

1917 Cooper, Thomas Edwards
1921 Moreland, Jack
1927 Elliott, Ronald Donovan
1932 Wilson, Jack Woodrow

The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a Scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each student so nominated shall hold such Scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Science, Engineering, or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the Scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such Scholarship.

As amended by Council, June, 1922.

2. Each scholar studying for a degree in Arts, Science, or Music shall during such time as he or she shall hold the Scholarship be exempt from the payment of all University fees, including the fees payable on taking the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music. Each scholar studying for a degree in Laws, Medicine, or Engineering shall in each year, during which he or she shall hold the Scholarship, be credited by the University with the sum of £15 towards payment of his or her fees. Any student ceasing to hold the Scholarship shall not be exempt from payment of such fees or entitled to credit for such sum of £15 after the time at which he or she shall cease to hold such Scholarship.

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

4. Save by permission of the Council of the University, no Scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, and 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 of 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.

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.

1924	Naylor, Rupert Leslie	1928	Hall, Marjorie Gertrude
1925	Bleby, Dorothy Aileen	1931	Jolly, Bertram Morris

The League of Nations Prize.

RULES.

Whereas the sum of £100 has been paid to the University by Tom Elder Barr Smith for the purpose of founding an annual prize for an essay on the work of the League of Nations: it is hereby provided that—

1. A prize of £5 shall be given annually for the best essay on a topic to be prescribed by the University in or about the month of January in each year, the topic being connected with the work of the League of Nations or any similar body.

2. All students of the University, or of any class in the control of the University, are eligible to compete, provided they are not graduates.

3. No essay shall contain fewer than 4,000 or more than 10,000 words.

4. Each essay shall be sent to the office of the Registrar not later than the 18th May, unless the Council shall prescribe or allow some other date. The prize shall be paid on or about the 1st of July following.

5. The prize shall not be awarded to the same person more than once.

6. If no essay of sufficient merit is sent in the prize shall lapse for that year.

7. The Council may from time to time vary or amend these rules in any way not affecting the purpose of the endowment.

Made by Council, 27th June, 1924.

Note.—The following subject has been prescribed for the 1933 prize:—"The attitude of the League of Nations to the Sino-Japanese dispute."

Competitors for this prize are required to submit with their essays a list of the sources from which the material for the essay was obtained.

Awards.

1929 Wilcher, Lewis Charles 1930 Lunn, Margaret Anne

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, "Of the Hartley Studentship," page 104.

Awards.

For previous awards, see Calendars from 1911.

1929 Dorsch, Theodor Siegfried 1931 Pritchard, John Joseph
1930 Moodie, Colin Troup 1932 Campbell, Allan Gordon

Government Bursaries and Studentships, tenable at the University.

(Regulations of the Education Department in regard to Scholarships, made in 1921.)

1. Bursaries.

21. Twelve Bursaries shall be offered annually for competition. Each Bursary allotted to the course in Medicine shall be tenable for six years; those in Dentistry for five years; those allotted for the Associateship Diploma Course at the School of Mines for Architecture, Mining, or Metallurgy shall be tenable for three years; all other Bursaries shall be tenable for four years.

22. To perpetuate the memory of the late Hon. Archibald Henry Peake, Premier of the State from June 5th, 1909, to June 3rd, 1910, from February 2nd, 1912, to March 3rd, 1915, and from July 14th, 1919, to April 14th, 1920; and Minister of Education from June 5th, 1909, to June 3rd, 1910, and from February 17th, 1912, to January 21st, 1915, the first of the said Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

23. These 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 of B.A., B.E., B.Sc., LL.B., M.B., B.S., B.D.S., and Mus.Bac., and for the Diploma in Applied Science, and from all fees payable to the Roseworthy Agricultural College in the case of students taking the Agricultural Course in Science, and from all fees payable to the School of Mines in the course for the Associateship Diploma. Students holding Medical Bursaries shall also be exempt from all fees payable to the Adelaide Hospital and to the Queen's Home up to a maximum of £45. In addition, a maintenance allowance at the rate of £20 per annum shall be granted to each Bursar; and in the case of a Bursar with respect to whom the Minister is satisfied that he could not have the benefit of his Bursary if he resided with his parents or guardian during the tenure of his Bursary, the Minister may, if he sees fit, increase the rate of the maintenance allowance to £40 per annum in respect of such period of time as the Minister is satisfied that that condition exists.

24. These Bursaries shall be open for competition amongst candidates whose parents are domiciled in South Australia. Bursaries will be awarded only to those deemed by the Minister to be of sufficient merit.

25. The Bursaries shall be available for any course for which the Bursar is eligible, but not more than four Medical Bursaries shall be awarded in any one year.

26. The award of the Bursaries shall be decided upon the result 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 a Bursary. The result shall be determined by adding together the marks obtained by the candidate in the subjects in which he has passed in the said examination. (Note.—Pure Mathematics counts as two subjects, *vide* the University regulations.)

27. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.

28. 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 in those subjects in which they are competing for the Bursary. Applications 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.

29. Subject as hereinafter provided, in the year following the examination, each successful candidate must enter the University as an undergraduate student in Arts, Engineering, Science, Law, Medicine, Dentistry, or Music, or the School of Mines as an Associateship Student. A can-

didate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agriculture given by the University in conjunction with the Roseworthy Agricultural College, and the courses for the University Diploma in Applied Science, and the Fellowship of the School of Mines. 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 hereinbefore contained, in any case in which it is considered desirable by the Minister, the candidate may postpone his entry to the University or the School of Mines (as the case may be) until such time, not being later than the first term of the second University or School of Mines (as the case may be) year immediately following the award, as the Minister determines.

30. Before being awarded a Bursary tenable at the University, a candidate must select the Faculty in which he proposes to study, and this must be a Faculty in which he has satisfied the conditions required for matriculation before the end of the year preceding that in which the tenure of the Bursary commences. Before being awarded a Bursary tenable at the School of Mines, a candidate must select the Department in which he proposes to study. No Bursary, having once been awarded for tenure in any Faculty or Department, shall be made available for any other Faculty or Department, save on special grounds approved by the Director.

31. Every Bursar on entering the University, and at the beginning of each subsequent year of the tenure of his Bursary, shall submit his proposed course of study for the year to the Dean of his Faculty for approval, and the exemption from payment of fees shall apply to such subjects only as are approved by the Dean. No Bursar shall take any subject that is not within the curriculum of his Faculty, save on special grounds approved by the Faculty.

32. Every Bursar on entering the School of Mines, and at the beginning of each subsequent year of the tenure of his Bursary, shall submit his proposed course of study for the year to the Chairman of the Associateship Committee for approval, and the exemption from payment of fees shall apply to such subjects only as are approved by the Chairman. No Bursar shall take any subject that is not within the curriculum of his Associateship, save on special grounds approved by the Associateship Committee.

33. Payments of Bursaries shall be made in instalments, one at the end of each of the three terms of each year of tenure. Each Bursar must present a certificate of diligence and proficiency in a form prescribed by the Director, and payment may be reduced, or withheld altogether, if such certificate is not satisfactory to the Minister.

34. No person may hold a Bursary in conjunction with any other entrance Bursary, entrance Exhibition, or entrance Scholarship awarded by the Minister, and tenable at the University or School of Mines, except in such cases as are recommended by the Council of the University or the Council of the School of Mines and approved by the Minister, but a Bursary may be held in conjunction with the Hartley Studentship.

35. In the event of any Bursary lapsing or being forfeited within six months of the award, the money may be used either in providing an additional Bursary, or in helping deserving students, as approved by the Minister.

Entrance Bursaries.

A.—FOR DAY STUDENTS.

Awards.

For previous holders, see Calendars from 1898.

1932.

ARCHIBALD HENRY PEAKE BURSARY:

Medicine, Campbell, Allan G.

Arts - - -	Arden, Donald S	Janzow, Eric H. M.
Dentistry - -	Cherry, Edward P.	Shortridge, Dennis T.
Engineering -	Blaskett, Donald R	
Law - - -	Kelly, John E.	Sandford, Alastair W.
Medicine - -	de Vedas, Jack	Miller, Ian L.
	Dibden, William A.	
Science - -	Mills, John B.	

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2. Evening Studentships.

50. Studentships will be offered annually for competition by persons attending or proposing to attend evening lectures at the University or School of Mines with a view to graduating or securing a diploma. These Studentships shall, as a general rule, be awarded to candidates whose occupations or circumstances prevent them from attending the day lectures, but the Minister may award not more than one-fourth of the whole number of Studentships to candidates whose employers allow them time to attend day lectures during working hours.

51. The value of each Studentship shall not exceed £10 for a Science or Engineering student, or £7 for any other student, and shall in no case exceed the outlay necessary for lecture and examination fees, text-books, and material; and the total value of the Studentships granted in any one year shall not exceed £180.

52. Nine of such Studentships shall be offered to students studying or intending to study for a degree in Science or Engineering, and thirteen to students studying or intending to study for any other degree or for a diploma. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained, the same may be varied, or the full number of Studentships not awarded, at the discretion of the Minister.

53. Of the Studentships offered for Science or Engineering, three shall be offered to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. In the competition for the other Studentships, five shall be offered to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained, the Minister may vary the same at his discretion.

54. Candidates for the First-year Studentships must be between the ages of 16 and 25 years on the first day of January of the year of entry, and must have been resident in South Australia for at least one year immediately preceding that date. Candidates for the other studentships must comply with similar conditions, one year of age being added for each year of the course studied.

55. The subjects of examination for the First-year Studentships shall be fixed by the Minister. The examination shall be qualifying, not competitive, and the Studentships shall be awarded to such candidates as, in the opinion of the Minister, show the most promise, taking into consideration the previous opportunities and present circumstances of the candidates.

56. The subjects of examination for the Studentships to be awarded for each year other than the first shall be such as have been respectively studied by the candidates during the preceding year.

57. Such portions of the Studentships as are necessary to pay the fees and the cost of the prescribed text-books shall be paid at the beginning of each term. Students other than those entering on their course must produce a certificate from the Registrar of the University or the Principal of the School of Mines that they have diligently and regularly attended the prescribed lectures. The Minister may cancel the Studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures.

58. Candidates for any of these Studentships, whether they have already held one of them or not, must apply to the Director of Education in writing before 28th February. Each candidate should state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.
2. His qualifications in point of knowledge, viz.:—
   (*a*) If he has not previously held the Studentship, he shall give particulars of any public examinations he has passed.
   (*b*) If he has already held the Studentship, he shall state what work he has done and what examinations he has passed while holding it.

Candidates who have reached the standard of the Junior Public Examination of the University in English Literature, History, and Mathematics are qualified to hold Studentships.

59. If the whole sum of £180 is not awarded in any year to candidates qualified under Regulation VI. 50, any surplus may be used, at the discretion of the Minister, in assisting other deserving students.

GENERAL INFORMATION.

The Rhodes Scholarship.

General Regulations.

A Rhodes Scholarship is tenable at the University of Oxford and is held normally for three years—subject to the continued approval of the College at Oxford of which the Scholar may be a member, and of the Rhodes Trustees. Since, however, the majority of Rhodes Scholars obtain "standing," which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance, and a Rhodes Scholar who may wish to hold his Scholarship for a third year will be expected to present a definite plan of study for that period satisfactory to his College and to the Rhodes Trustees.

Since 1930, Rhodes Scholars have been allowed, under conditions approved by their College and by the Rhodes Trustees either to postpone the third year of their Oxford course, or to spend that year forthwith in post-graduate work at any University in Great Britain, or in special cases in other parts of the world (excluding the country of their origin).

The value of a Rhodes Scholarship is £400 a year. At most colleges, and for most men, this sum is not sufficient to meet a Rhodes Scholar's necessary expenses for Term-time and Vacations, and Scholars who can

afford to supplement it by say £50 a year from their own resources will find it advantageous to do so. The cost of the voyage to and from England must be borne by the Scholar.

METHOD OF APPLICATION:

Each candidate for a Scholarship is required to make application to the Secretary of the Committee of Selection of the State in which he wishes to compete *not later than 20th October,* using the prescribed application form, and furnishing the material there specified.

Detailed information and forms of application may be obtained from the Secretary to the Rhodes Scholarship Selection Committee for South Australia, The University, Adelaide.

Awards.

For previous awards, see Calendars from 1913.

1930 { Hone, Brian William, B.A.
1930 { Wilcher, Lewis Charles, B.A.
1931 Maegraith, B. G., M.B., B.S.
1932 Gray, Eric William, B.A.
1933 Dorsch, Theodor Siegfried

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

1902 Cooke, William Ternent, B.Sc.
1905 Kleeman, Richard D., B.Sc.
1909 Glasson, Joseph Leslie, B.Sc.
1912 Jauncey, G. E. M., B.Sc.
1920 Dawkins, Alfred Ernest, B.Sc.
1925 Wood, Joseph Garnett, B.Sc.
1927 Oliphant, Marcus L. E., B.Sc.

Bursary Awards.

1901 Cooke, William Ternent, B.Sc.
1904 Kleeman, Richard D., B.Sc.
1911 Jauncey, George E. M., B.Sc.
1913 Sanders, Harold William, B.A.

Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of Bursaries and Scholarships on the following terms:—

Students who are British subjects and have completed or received credit for the first two years of the course for the degree of Bachelor of Engineering in the Department of Mining or of Metallurgy may apply, on or before 16th March, for a Bursary in Mining or in Metallurgy respectively. Students taking Geology as a major subject in the course

for the degree of Bachelor of Science may apply for the Bursary in Mining. The Selection Committee will base its awards on considerations of personality and scholarship, and candidates should submit evidence under both these heads. Provided that candidates are of sufficient merit, two Bursaries will be awarded in each year, one in Mining and one in Metallurgy. Each Bursary will be worth £30 per annum for the remaining two years of the course, the payment for the fourth year of the course being contingent on the bursar's having sufficiently distinguished himself in his third year.

Colonial Office Appointments.

Arrangements have been made with the Australian Universities to facilitate the appointment of graduates or others in the Colonial Service. These appointments are made by the Private Secretary (Appointments), Colonial Office, London, under the Secretary of State. The Central Committee of the Australian Universities may forward recommendations.

The services of main interest are the Administrative Services of East and West Africa; Medical Services; appointments in Agricultural departments, Education, and Police; Survey, Geological, and Financial departments.

The countries administered by the Colonial Services include the East and West African Colonies and Protectorates, Hongkong, Malaya, Ceylon, Fiji and the West Pacific, Mauritius, the West Indies, etc., mainly within the tropics.

Apart from academic and technical attainments, the greatest importance is attached to character and personality. The qualifications necessary for recommendation may be considered as similar to those of an applicant for the Rhodes Scholarship in this State.

Further particulars may be obtained from Professor W. K. Hancock, Liaison Officer, The University, Adelaide.

Dental Scholarship.

A scholarship which is tenable for one year at the Dental School of the Northwestern University, Chicago, is available annually for nominees of the University of Adelaide.

The scholarship covers the fees for tuition, and in addition all necessary equipment and instruments are provided.

Dental graduates of the University of Adelaide are eligible for this scholarship, and nominations will be made by the University Council on the recommendation of the Faculty of Dentistry.

Applications should reach the Registrar not later than 31st March in any year.

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 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 above provision shall also apply to four persons each year in the employment of the State Government of South Australia, the four persons being nominated either by the State Government or by some person or persons to whom the State Government may delegate authority to make such nominations. Provided always that not more than twelve such persons shall enjoy the concession in any one year.

Free Passages.

The Associated Steamship Companies, comprising the Aberdeen, Blue Funnel, Orient, and P. & O. Lines, grant three first-class return passages to London annually to students wishing to continue postgraduate study abroad. Nominations are made by the Council of the University, and applications should be sent in to the Registrar early in March, giving full particulars of the course of study proposed and of the financial ability of the candidate to pursue it. The passages are available during the months from June to November. Further particulars will be supplied on application to the Registrar.

Students' Loan Fund.

On the suggestion of Dr. Leon Jona, who contributed £100, the Council has established a loan fund for the benefit of students in temporary financial difficulty. The fund is administered by a Board consisting of the Vice-Chancellor, the Chairman of the Finance Committee, and the Registrar. Applications should be made through a professor.

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 and who has qualified for admission to the University, the Council at its discretion may remit all or any of the fees payable to the University.

The Joseph Fisher Lecture in Commerce.

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes (see page 110):—

1904—"Commercial Education," by Henry Gyles Turner, Esq.
1906.—"Commercial Character," by L. A. Jessop, Esq.
1908.—"The Influence of Commerce on Civilization," by J. Currie Elles, Esq.
1910.—"Banking as a Factor in the Development of Trade and Commerce," by J. Russell French, Esq.
1912.—"Australian Company Law; and some sidelights on Modern Commerce." by H. Y. Braddon, Esq.
1914.—"Problems of Transportation, and their relation to Australian Trade and Commerce," by the Hon. D. J. Gordon, M.L.C.
1917.—"War Finance: Loans, Paper Money, and Taxation," by Professor R. F. Irvine, M.A.
1919.—"The Humanizing of Commerce and Industry," by Gerald Mussen, Esq.
1921.—"Currency and Prices in Australia," by Professor D. B. Copland, M.A.
1923.—"Money, Credit, and Exchange." by J. Russell Butchart, Esq.
1925.—"The Guilds," by Sir Henry Braddon, K.B.E., M.L.C.
*1927.—"The Financial and Economic Position of Australia," by the Right Hon. S. M. Bruce, P.C., C.H., M.C.
*1929.—"Public Finance in Relation to Commerce," by Professor R. C. Mills, LL.M., D.Sc.(Econ.).
*1930.—"Current Problems in International Finance," by Professor T. E. G. Gregory, D.Sc.(Econ.).
*1932.—"Australia's Share in International Recovery," by A. C. Davidson, Esq.

*Copies of these Lectures may be obtained free of charge on application to the Registrar, University of Adelaide. Lectures prior to 1927 are out of print.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

The Graduates' Association of the University of Adelaide

(Amalgamated with the Adelaide University Union).

Founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University, the more specific objects of the Association, as set forth in its constitution, are the following:—

(*a*) to use its influence with the public and with the Government to procure such increase of the financial and other resources of the University as may be necessary for its fullest and most efficient development;

(*b*) to secure publicity of the needs and the achievements of the University, and to promote recognition by the State of the services of the University;

(*c*) to suggest new and desirable fields of University activity;

(*d*) to act in aid of the Council of the University in matters affecting the physical, moral, and social welfare of the students;

(*e*) to use its influence to promote the social aspects of University life among the faculty, students, and graduates, and to promote such other advances and reforms as may appear advisable in their interests;

(*f*) to advocate such measures as may appear advisable to provide residential accommodation for the students;

(*g*) to assist graduates to obtain useful and profitable employment to the end that the services of the University may find their full expression in the practical life of the community;

(*h*) generally to do all things incidental to or which may have the effect of furthering the above objects.

Membership is open to all graduates of this University or of any University recognized by the University, and to all holders of a diploma or of a final certificate upon payment of the annual subscription of ten shillings and sixpence, or the life subscription of £9. Subscriptions may be paid to the Hon. Treasurer of the Adelaide University Union (Mr. A. W. Bampton, the University).

The Graduates' Association is now amalgamated with the Adelaide University Union, the constitution and objects of which are outlined below. Under the amalgamation graduate members have the right to use the Union Buildings, including the Refectory and Cafeteria, and possess other privileges.

The Graduates' Committee, consisting of a Chairman, Hon. Secretary, and seven graduates, is elected annually to control affairs relating especially to graduate members of the Union.

Meetings of graduate members, lectures, and so forth are held from time to time.

Officers of the Graduates' Committee—

Chairman—J. F. Ward, M.A.

Hon. Secretary—M. R. C. Kriewaldt, B.A., LL.B.

Committee—The Chairman, Hon. Secretary, and seven other graduates.

Adelaide University Union.

The objects of the Adelaide University Union are:—

(*a*) to provide a common meeting ground and social centre for students and members of the University;

(*b*) to promote the intellectual culture of its members;

(*c*) to represent its members on matters affecting their interests, and to afford a recognized means of communication between its members and the University authorities;

(*d*) generally to secure the co-operation of University men and women in furthering the interests of the University.

The Lady Symon Building is the gift of the Honourable Sir Josiah Symon, K.C.M.G., K.C., who gave to the University the sum of £10,000 for the building of a Women's Union, as part of the University Union for men and women, and towards equipping the Women Students' Library therein with books. Sir Josiah's purpose was 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, or otherwise provide community and exchange of thought and foster the growth of a corporate spirit among University women; and also 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 more than thirty years ago.

The affairs of the Union are managed by the Union Committee

The Graduates' Committee, the functions and responsibilities of which are more fully stated above, controls affairs relating specially to graduates.

The Women's Union Committee controls the Lady Symon Building and affairs specially relating to women students.

The Men's Union Committee controls the portion of the Union Building set aside for the use of men students and affairs relating specially to men students.

Chairman of the Graduates' Committee—Mr. J. F. Ward, M.A.
Honorary Secretary of the Graduates' Committee—Mr. M. R. C. Kriewaldt, B.A., LL.B.
Chairman of the Men's Union Committee—Mr. K. A. Macdonald, LL.B.
Honorary Secretary of the Men's Union Committee—Mr. W. D. Padman.
Chairman of the Women's Union Committee—Miss L. M. Angel, B.Sc.
Honorary Secretary of the Women's Union Committee—Miss Roxy Sims.
President of the Union—Professor A. L. Campbell, B.A., B.E.
Vice-President of the Union—Mr. J. L. Hayward, M.B., B.S.
Secretary of the Union—Mr. P. C. Greenland, B.A.

Adelaide University Science Association.

This Association was founded in 1891 with the object of promoting general interest in science amongst all science students.

Both graduating and non-graduating students of science and agricultural science are eligible for membership.

The Annual General Meeting of the Association is held in November. Every few weeks, from March till October, meetings are held at which papers prepared by students are read and discussed, with occasional lectures by members of the staff. An open invitation is extended to all freshers of Science to attend these meetings, at which they will be welcomed.

The annual dinner is held in the middle of the year, and visits to various places of scientific interest are arranged during the year.

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.

Meetings are held once a month, from March to September inclusive, at which papers written by students and graduates are read and discussed.

Various periodicals of interest are taken by the Society.

The Medical Students' Dinner is held annually under the auspices of the Society.

All students of medicine of the Adelaide University are eligible for membership.

The officers are elected at the first meeting of the year.

The subscription is 16s. per annum for undergraduates, this entitling the member to the editions of the "Review."

The Society publishes at least two issues of the "Adelaide Medical Students' Review" per annum. The objects of the "Review" are to keep the graduate members and the medical profession generally in touch with the movements of the Society and to serve as a means of exchange of ideas with the Medical Students' Societies of other Universities.

Adelaide University Christian Union.

FOUNDED 1890. REORGANIZED 1896.

Objects.—To lead students through an honest study of the life and teaching of Jesus Christ to a faith that will stand the test of University thinking and to a personal experience of Christian living; to promote a spirit of fellowship; and to place before them the challenge of the ideal of service in every sphere of private and corporate life.

Meetings, to which all students are invited, are held on Fridays, at 1.20 p.m.; these are addressed by prominent public men.

Bible Study Circles for men and women students are arranged to meet weekly. Short devotional meetings are held each morning at 8.45.

An Annual Summer Conference is held by the Australian Student Christian Movement which is attended by about 300 students from all the Australian Universities. The Adelaide Christian Union holds two week-end Conferences during the year.

Adelaide University Sports Association.

This Sports Association was formed in 1897, and now includes, as amalgamated Clubs, the Lacrosse, Boat, Tennis, Athletic, Football,

Cricket, Rifle, Baseball, Golf, Hockey, Swimming, Boxing and Wrestling, Women's Tennis, Women's Hockey, Women's Swimming, and Women's Basket-ball Clubs, and, as an affiliated Club, the Footlights Club.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent Clubs. Among its general activities are the annual University Ball and the Concert. 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, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, the Heads of the Residential Colleges, a representative appointed by the University Union, the Honorary Secretary of each affiliated 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 recognized 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.

The annual subscription is £1 15s. for men and 15s. for women.

Membership of the Association entitles the member to all the benefits and privileges of all or any of the Clubs within the Association, which includes the use of the beautiful Oval, the boats and boathouse, and all the excellent material used in the various games, without any further fees of any kind.

An important part of the advantages of student-life is made available only through the benefits of membership of the Sports Association.

Officers for 1932-33 :—

President—Professor A. L. Campbell, B.A., B.E.

Deputy-President—Mr. L. LeP. Muecke.

Hon. Treasurer—Mr. L. T. Ewens, A.U.A.

Hon. Assistant Secretary—Mr. R. A. Pellew.

Permanent Secretary—Mr. P. C. Greenland, B.A.

And a Committee of twenty.

University Sports Ground.

An admirable recreation-ground of 8½ acres of park lands has been leased from the City Corporation for a period of 21 years, and is in constant use by the various clubs of the University Sports Association.

A boathouse and a pavilion have been erected. Mr. Barr Smith gave £750 for the erection of the boathouse, and 12 donors (B. 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 S. J. Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed liberally to the fund for general purposes.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval and hockey field have been established on this ground, and a dressing-shed has been erected.

The English Association (Adelaide Branch).

The Adelaide Branch of the English Association was founded in 1930.

Its objects are—

(*a*) to promote the due recognition of English as an essential element in the national education;

(*b*) to discuss methods of teaching English and the correlation of School and University work;

(*c*) to encourage and facilitate advanced study in English literature and language;

(*d*) to unite all those who are interested in English studies; to bring teachers into contact with one another and with writers who do not teach; and to induce those who are not themselves engaged in teaching to use their influence in the cause of English as a part of education.

The annual subscription of 10s. includes membership of the parent body in England, and its publications (consisting of two pamphlets and two bulletins a year) are forwarded to all members of the branch.

Patron—The Hon. Sir Josiah Symon, K.C.M.G., K.C.

President—Mr. A. E. M. Kirwood, M.A.

Vice-Presidents—Misses C. M. Ashworth, M. H. Crampton, and K. Cussen, Professors J. McKellar Stewart, and J. A. FitzHerbert, the Revs. K. J. F. Bickersteth and Dr. G. H. Wright, and Messrs. N. M. G. Gratton and J. F. Ward.

Committee—Misses M. M. Frost and E. M. Worsnop, the Rev. T. T. Reed, and Messrs. L. F. Casson and R. A. Potter.

Hon. Treasurer—Miss E. Morriss.

Hon. Secretary—Dr. R. C. Bald, the University.

Monthly meetings are held at the University from April to October.

Adelaide University Law Students' Society.

The objects of the Society are—

(*a*) to discuss or debate or otherwise deal with any topic of interest to Law Students;

(*b*) to conserve or advance the interests of Law Students in matters touching their University life or professional career;

(*c*) to advance the interests of Law Students in Sport.

The persons eligible to become members of the Society are—

(*a*) Any male undergraduate in Law or student at Law at the University of Adelaide.

(*b*) Any male person who has been admitted to the Bachelor of Laws Degree or has obtained the Final Certificate in Law at the University of Adelaide.

(*c*) Any male practitioner of the Supreme Court of South Australia.

The Annual General Meeting of the Society is held shortly after the beginning of lectures at the University, on a day to be fixed by the Committee. At this meeting the Committee will be pleased to meet all new students and intending members. The ordinary meetings are held usually on every alternate Tuesday, in the Law Library at the University, at 7.45 p.m. A programme of meetings is prepared at the beginning of every year, and can be obtained from the Secretary of the Society. The Committee urges all new students in Law to get into touch with this Society. At ordinary meetings debates are generally held, which take the form of argument on hypothetical cases in the manner in which they are argued in Courts of Law. The value of attending and taking part at these meetings can be testified to

by every member of the legal profession who has passed through the University.

The Society annually offers for competition two prizes (£2 2s. and £1 1s.) for the best two debaters during the current year, in addition to any other special prizes donated.

Officers for 1932-33—

President—The Dean of the Faculty (Professor A. L. Campbell).

Secretary—Mr. J. A. Maitland.

Treasurer—Mr. J. M. Connelly.

The Adelaide University Women's Club.

FOUNDED JULY, 1909.

The object of the Club is to promote the common interests of, and to form a bond of union between, past and present Women Students.

Several Reunions are held during the year.

The Women Students now belong to the University Union, but have their own Committee of Management to deal with matters relating exclusively to women members of the Union. This committee is known as the Women's Club Committee. By paying the annual subscription to the Union any woman student is entitled to the use of the Lady Symon Building.

The membership is about 250.

President—Miss L. M. Angel, B.Sc.

Vice-President—Miss C. M. Eardley, B.Sc.

Secretary—Miss Roxy Sims.

Treasurer—Miss Joan White.

Committee Members—Misses Helen Fletcher, M. M. Frost, J. Gilmore, G. Pank, and N. M. Ray.

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.

The subscription is 5s. per annum.

The Medical Sciences Club.

This Society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time for the purpose of discussing brief communications by members. Abstracts of the communications presented to the Club are duplicated and circulated to members and are communicated by the Secretary to the Medical Journal of Australia for publication therein.

Meetings, which are usually preceded by a dinner, are held at 8 p.m. on the first Friday of every month during the University sessions, excepting those which fall upon a public holiday.

The members of the executive committee, consisting of the president, secretary, and two councillors, are elected by nomination and ballot at the first meeting in every year. The amount of the subscription is one guinea per annum, of which thirteen shillings and sixpence is paid to the Sir Joseph Cooke Verco Endowment for the publication of medical research, in return for which members receive the Australian Journal of Experimental Biology and Medical Science. The subscription to the Journal, for non-members, is one guinea per annum.

New members must be proposed by two members in writing to the secretary, and such nominations shall be announced by the secretary at the next general meeting. The names of new members thus nominated shall be submitted by the secretary together with the notifications of the next succeeding meeting, at which the nominations will be confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

The Classical Association of South Australia.

Patron—The Hon. Sir George Murray, K.C.M.G., B.A., LL.M., Chancellor of the University.

President—Professor J. A. FitzHerbert.

Vice-Presidents—Professor Sir W. Mitchell, Vice-Chancellor of the University; Professor J. McK. Stewart; Rev. K. J. F. Bickersteth; Messrs. D. H. Hollidge, J. F. Ward, and N. M. G. Gratton.

Hon. Secretary—Mr. J. H. C. McIntosh.

Hon. Treasurer—Miss E. M. Grosvenor.

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 recognized University, and all who are interested in Classical studies, are eligible for membership.

The annual subscription is half-a-crown, due and payable on the 31st March in each year.

Dental Students' Society of the University of Adelaide.

This Society was founded by students in 1919.

Objects of the Society—

(a) to establish and maintain the students' interest in their own profession, with a view to securing their future success as practitioners;

(b) to promote and conserve the rights of *bona-fide* Dental Students;

(c) to preserve the principles of Dental Ethics;

(d) to develop, by interchange of ideas, habits of close observation and investigation;

(e) to cultivate the pleasure derived from personal contact with fellow-students.

General Meetings of the Society are held once a month.

Undergraduates of the University studying for the B.D.S. degree are eligible for membership.

Adelaide University Engineering Society.

Objects—

(1) to encourage social life amongst those students and others connected with the University who are interested in Engineering;

(2) to promote the study and knowledge of Engineering generally;

(3) to encourage students in public speaking on Engineering subjects and in preparation of papers pertaining thereto.

Students are invited to attend the several meetings held during the year of the Student and Junior Section of the Institute of Engineers, Australia.

A Freshers' Social is held early in the first term, at which Freshers are given the opportunity of meeting their lecturers and fellow-students.

The Annual General Meeting is held in October of each year.

Visits are made at frequent intervals throughout the year to places of interest to students.

Adelaide University Commerce Students' Association.

This Association was founded by the students of Commerce in 1920. Objects—

(*a*) to promote the study of Commerce in the University ;

(*b*) to help forward the movement to establish a Degree in Commerce ;

(*c*) to develop and encourage a social spirit among the students by means of meetings and visits to industrial centres ;

(*d*) to do all such matters as will help students of Commerce both from a social and educational aspect.

Membership is open to all present and past students for the Diplomas in Commerce and Public Administration.

The Annual General Meeting is held in March, on a date fixed by the Committee. At this meeting the Secretary will be pleased to meet all new students and those desirous of becoming members. Monthly meetings and visits are held throughout the academic year.

The Education Society of South Australia.

This Society was founded in 1923.

Its chief objects are—

(1) to promote among the members and others an interest in and a knowledge of educational aims ;

(2) to encourage active participation in educational experiment and research.

The members of the Executive Committee, consisting of a President, two Vice-Presidents, a Secretary, Treasurer, and five others, are elected by nomination and ballot at the first meeting of each year.

Membership of the Society is open to all who are interested in education. The annual subscription is 2s. 6d., payable in advance.

The annual general meeting is held as nearly as possible on the first Tuesday in March. Ordinary meetings are held on, or near, the first Tuesday in May, July, and September. Additional meetings may be arranged.

President—Professor J. McKellar Stewart, M.A., D.Phil.
Vice-Presidents—Miss D. Gillam, M.A., and Dr. A. J. Schulz, M.A.
Secretary—Mr. Richard Holtham, B.A., St. Peter's College.
Treasurer—Mr. A. B. Ellis, B.A.
Committee—Miss A. Miethke, B.A., Dr. C. Davey, M.A., Mr. Edward Stokes M.A., Mr. John Gluis, M.A., Miss M. E. Wharmby, M.A.

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
(i) the publication of research work;
(ii) the discussion of economic problems.

In conjunction with the parent body it publishes a journal twice annually called "The Economic Record."

The Society holds about six meetings a year, at which lectures are given by prominent men, valuable papers are read, or discussions on current economic topics are held. Questions are invited at the conclusion of all lectures, and discussion is encouraged on every occasion. The annual meeting is held in September.

The subscription is £1 1s. annually, but student-members pay only 12s. 6d., and this entitles the member to a copy of each edition of "The Economic Record."

President—Sir Walter Young, K.B.E.
Vice-Presidents—Sir William Mitchell, K.C.M.G., M.A.; Professor A. E. V. Richardson, M.A., D.Sc.; A. E. Clarkson; E. H. Cornish; E. W. Holden, B.Sc.; A. Grenfell Price, D.Litt., F.R.G.S.; L. Keith Ward, D.Sc.
Hon. Treasurer—W. A. K. McKee, A.U.A.
Hon. Secretary—V. A. Edgeloe, B.A.
Chairman of Committee—S. Russell Booth, M.A., F.C.A.
The Secretary's address is c/o The University, Adelaide. Tel., Cent. 3355.

Anthropological Society of South Australia.

The Society was formed in June, 1926. Its objects are—

(1) the study of anthropology with special reference to the aborigines of Australia; and

(2) the discovery of effective means for their preservation.

The Society consists of Members, Honorary Members, and Honorary Correspondents. All those interested in Anthropology are eligible; new members must be nominated by two members, and are elected by ballot. The present membership is about sixty-eight (including 51 ordinary members and 16 honorary correspondents).

Meetings are held monthly, at the University, throughout the year except in December and January. The officers for 1933, elected at the Annual Meeting in November, are:—

Chairman—Dr. H. Kenneth Fry.

Vice-Chairman—Rev. J. C. Jennison.

Committee—Professors J. B. Cleland and H. J. Wilkinson, Dr. T. D. Campbell, and Mr. H. M. Hale.

Librarian—Mr. F. J. Hall.

Hon. Secretary and Treasurer—Norman B. Tindale, B.Sc., Ethnologist South Australian Museum, Adelaide.

Adelaide University Women Law Students' Society.

The objects of the Society, which was founded in 1932, are—*(a)* to discuss or debate or otherwise deal with any topic of interest to Law students; and *(b)* to conserve or advance the interests of Law students in matters touching their University life or professional career.

The persons eligible to become members of the Society are—*(a)* any woman undergraduate in Law or student at Law at the University of Adelaide; *(b)* any woman who has been admitted to the Bachelor of Laws Degree or has obtained the Final Certificate in Law at the University of Adelaide; and *(c)* any woman practitioner of the Supreme Court of South Australia.

The Annual General Meeting of the Society is held during the First Term. Ordinary meetings are held usually on the second Monday of each month, in the Law lecture-room at the University, at 7.30 p.m. These meetings generally take the form of arguments on hypothetical cases in the manner in which they are argued in Courts of Law.

The subscription is 5s. per annum.

Officers for 1932-33:—

President—The Dean of the Faculty (Professor Campbell).

Hon. Secretary—Miss Helen Solomon.

Hon. Treasurer—Miss Shirley Morris.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1933.

PART II.

The Elder Conservatorium

REGULATIONS.

RULES.

DIPLOMA OF ASSOCIATE IN MUSIC.

SCHOLARSHIPS.

PRIZES.

THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS.

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

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

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

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

V. The academical year shall consist of four terms, which shall be fixed annually by the Council.

*VI. The following subjects may be taught in the Conservatorium :—

PRINCIPAL SUBJECTS—

Harmony, Counterpoint, and Musical Composition
Pianoforte
Singing (Solo)
†Elocution
Organ
Violin
Violoncello
Other orchestral instruments.

Theory of Music, up to the Junior standard, is compulsory for all students of practical subjects, unless specially exempted therefrom.

SECONDARY SUBJECTS—

Theory of Music
History of Music
Musical Form and Analysis
Ensemble Playing
Choral Singing

and such other subjects as come within the scope of a musical education.

*Allowed 1st December, 1921 †Allowed 12th December, 1929.

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

VIII. No student of a principal subject shall enter the Conservatorium for a less period than one year, except in special circumstances to be allowed by the Council.

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.

*IX. The fees shall be paid either in one sum at the beginning of the Conservatorium year or in equal quarterly instalments at the beginning of each term. The fee for one principal subject, with not more than three of the above-mentioned secondary subjects to be approved by the Director, shall, except in cases where the Council may prescribe a special scale of fees, be fourteen guineas per annum.

If a student desires to take, with the approval of the Director, more than three of the above secondary subjects, half-fees shall be paid for every additional subject.

*X. The fees for secondary and other subjects shall be as prescribed by the Council from time to time.

†XI. Repealed.

XII. All students taking principal subjects shall be supplied with record books, in which shall be entered the works under study, the lessons attended, and the fees paid.

XIII. At the end of the year each student who has been studying a principal subject may, upon application in writing, receive a report of progress, signed by the Director.

XIV. Scholarships may be established from time to time by the Council, or by private individuals, under such conditions as the Council may approve.

XV. All students shall conform to the present and all future rules "Of the Elder Conservatorium."

* *Allowed 11th December*, 1924. † *Repeal allowed 11th December*, 1924.

Allowed 10th December, 1919.

Fees Prescribed by the Council for the Elder Conservatorium.

Schedule of Fees for Secondary and other Subjects.

Students not studying a principal subject may take any of the following subjects for the fees specified :—

	Per Term.	Per Annum.
*Ladies' Part-singing Class, each		£0 10 6
Theory of Music—		
*(a) Elementary or Junior ...	£0 10 6	
*(b) Senior	1 1 0	
(c) Advanced Harmony and Counterpoint		6 6 0
*History of Music	1 1 0	
*Musical Form and Analysis ...	1 1 0	
Ear-training and Musical Appreciation	1 1 0	
Sight-singing and Musical Dictation	1 1 0	
*Ensemble Playing	1 1 0	
String Orchestra...	1 1 0	
Opera Classes	1 11 6	
Teachers' Courses—		
Pianoforte	2 12 6	
Singing (two terms only) ...	2 12 6	
Aural Culture and Musical Appreciation	2 12 6	
French, German, Italian each ...	1 1 0	
Diction	1 1 0	

The subjects above which are marked with an asterisk are secondary subjects which may be taken under Regulation IX by students of principal subjects without fee; but if more than three such subjects be taken, the fee for each additional subject shall be half of that prescribed,

For students studying a principal subject the fees for Teachers' Courses shall be £2 2s.; for Opera Classes, £1 1s; and the fee for String Orchestra, Sight-singing and Musical Dictation, Ear-training and Musical Appreciation, and for any of the language classes, shall be 10s. 6d each.

As approved by Council, 25th September, 1925.

OF THE ELDER CONSERVATORIUM.

RULES.

All students studying principal subjects shall conform to the following rules:—

1. Arrangements for continuing or receiving lessons shall be made through the Director, and all fees shall be paid to the Registrar of the University at the beginning of each term.

2. Students intending to discontinue lessons must give notice to the Director in writing of such intention at least one month before the end of the term.

3. Students shall attend punctually at the hour appointed for their lessons, and in the event of absence shall notify the Secretary.

4. Students shall not, except by permission of the Director, receive their lessons elsewhere than at the Conservatorium.

5. Students shall attend such orchestral, vocal, or other class as the Director shall deem essential to their progress.

6. Students shall not take part in any public concert, or accept any public engagement, elsewhere than at the Conservatorium, except by permission of the Director.

7. Students shall not, except by permission of the Director, publish any composition. A copy of any composition so published shall be deposited in the Library of the Conservatorium.

8. Students guilty of impropriety or breach of the rules shall be reported to the Board of Discipline.

Made by Council, 18th July, 1919.

DIPLOMA OF ASSOCIATE IN MUSIC.

REGULATIONS.

1. The examination for the diploma of Associate in Music shall be held in each year during the month of November.

*1A. Before the diploma of Associate in Music can be granted, candidates must have passed in English Literature and a foreign language at the Leaving Examination.

Candidates who produce evidence of having passed equivalent examinations in this or any other University recognized by this University may be granted exemption from the requirements of this regulation.

* *Allowed 17th December, 1931.*

*II. To obtain the diploma, each candidate must complete three academic years of study, not necessarily consecutive, at the University in one of the undermentioned principal subjects, together with such other subjects as are specified in the following Regulations, and must pass the examination proper to each year. But a candidate who passes in some portion of the examination only may, on the recommendation of the Examiners, be granted such credit as the Council shall determine :—

1. Pianoforte Playing.
2. Singing.
3. Violin Playing.
4. Violoncello Playing.
5. Organ Playing.
6. Musical Composition.

†A candidate who has passed the Public Examinations in Music, in Grade II Theory and Grade I Practice, may be granted the status of a student qualified to begin the second year of the course for the diploma in the principal subject in which he passed.

‡A candidate who has passed in the Public Examinations in Music at Licentiate standard may be granted exemption from examination in the practical work of both the first and the second years of the course for the diploma in the principal subject in which he has passed.

A candidate having completed the three years of study may, by permission of the Council, take in one year all or any of the examinations not passed by him in previous years ; but such permission shall be granted only in exceptional cases. Any candidate wishing to obtain such permission shall apply for it in writing to the Registrar not less than three months before the date fixed for that year's examination.

III. No student shall be credited with the completion of any academic year of study in any subject unless he has attended three-fourths of the lessons given in that subject up to the time of the annual examination during each of the four terms, except in case of illness or other sufficient cause to be allowed by the Council.

IV. At the first annual examination each candidate shall be required to satisfy the Examiners in each of the following subjects :—

1. Musical Terminology.
2. Ear Tests : Sight-reading.
3. Harmony.
4. Principal subject.

* *Allowed 9th August, 1922.* † *Allowed 1st December, 1921*
‡ *Allowed 12th December, 1929.*

*V. At the second examination each candidate shall be required to satisfy the examiners in each of the following subjects:—

1. Harmony and Counterpoint.
2. History of Music.
3. Principal subject.

†VA. After passing the second examination a candidate may elect to proceed either as an executant or as a teacher of the principal subject of his course.

†VI. At the third examination each candidate shall be required to satisfy the examiners in each of the following subjects:—

1. Harmony and Counterpoint.
2. History of Music.
3. Principal subject, as Executant or as Teacher.

Each candidate must, unless the principal subject be pianoforte playing, 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.

‡VIA. Candidates may, with the permission of the Council, present themselves for examination in either the theoretical or the practical part of the second or third examination, but they will not be credited with having passed either the second or the third examination until they have satisfied the examiners in both divisions of the examination.

†VII. A candidate electing to proceed as an Executant in Pianoforte, Singing, Violin, Violoncello, or Organ shall be required to perform any piece or pieces, or any portion thereof, selected by the examiners from lists published each year, and to undergo such other tests in Playing or in Singing as the examiners shall require.

¶VIIA. A candidate electing to proceed as a Teacher in Pianoforte, Singing, Violin, Organ, or Violoncello, shall be required to undergo an examination in the art of teaching and to submit to such tests as may be prescribed in the Schedules.

VIII. Each candidate who elects to be examined in Musical Composition must send to the Registrar, before the first day of the November in which the third examination takes place, a Musical Composition of such length as to occupy not less than ten minutes in performance. Such Musical Composition must show evidence of original thought, and may be written

*Allowed 6th December, 1922.
†Allowed 1st December, 1921.
‡Allowed 10th December, 1925.
¶Allowed 7th December, 1927.

for any instrument or combination of instruments, or may be a vocal composition with instrumental accompaniment.

Further, each candidate will be required to pass an examination in—

Harmony
Counterpoint } In not more than four parts
Canon and Fugue
Form in Musical Composition
And History of Music.

IX. The names of successful candidates shall be arranged in alphabetical order.

*X. Candidates who have passed the examinations required for the diploma shall be awarded the diploma, shall be styled Associates of the University of Adelaide, and shall be entitled to use the letters A.U.A.

†XI. The following fees are prescribed in addition to the fees for tuition in the principal subject:—

For Harmony and Counterpoint in the third year of the course, £6 6s. per annum.	
Fee for each examination	£1 11 6
Fee for the Theoretical or Practical part of the examination, if taken separately	1 1 0
Fee for the diploma	2 2 0

XII. Schedules defining, as far as may be necessary, the range of the examinations shall be published each year.

* *Allowed 12th December*, 1929. † *Allowed 7th December*, 1927.
Allowed 10th December, 1919.

For Syllabus see Music Manual.

THE ELDER SCHOLARSHIPS.

REGULATIONS.

I. Scholarships to be held at the Elder Conservatorium, and known as "Elder Scholarships," shall be offered for competition among Australasian students of music.

*II. One Scholarship shall for the present be awarded in each of the following subjects:—

Singing
Pianoforte
Violin
Organ
Violoncello.

* *Allowed 2nd December, 1926.*

*III. The limits of age for candidates shall be as follows :—

Singing	not less than	17	nor more than	24	on the 1st day of December in the year in which the examination is held.
Organ	"	14	"	24	
Pianoforte, Violin	"	12	"	21	
Violoncello	"	12	"	24	

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 any Elder Scholarship in the same subject.

IV. Candidates for Scholarships shall undergo such examination as the Council may from time to time direct. An examination fee of 10s. 6d. shall be paid by each candidate.

V. 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.

VI. A Scholarship shall be tenable for three years, unless sooner determined under Regulation VII, 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.

†VII. 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

* *Allowed 6th December, 1923.* † *Allowed 10th December, 1925*

determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

*VIII. Repealed.

IX. 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.

X. These Regulations may be varied from time to time.

* *Repeal allowed 12th December, 1929.* *Allowed 18th December,1917.*

Awards.

For previous awards, see Calendars from 1908.

Awarded for 1928—

Puddy, Betty Froome (Pianoforte)
McCabe, John O'Connor (Violoncello)

Awarded in March, 1928—

Chinner, Norman (Organ)

Awarded for 1930—

Cash, Geraldine Margaret Mary (Singing) (resigned)
Hooker, George (Violin)

Awarded for 1931—

Bowen, Gordon Melville (Organ)
Fisher, Winifred Louise (Pianoforte)
Kekwick, Mavis Beryl (Singing)

Awarded for 1933—

Sleigh, Marie de Laplato (Violin)

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 the Elder Conservatorium. The tenure of the Scholarship shall be for one year.

2. The Scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the Scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the Scholarship, or admonish the scholar. Whenever a Scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The Scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the Scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the Scholarship.

THE ALEXANDER CLARK MEMORIAL PRIZE.

This Prize was founded by the Public Schools Decoration and Floral Societies in memory of the late Alexander Clark. It is of the annual value of £12 10s., and is tenable for three years at the Elder Conservatorium.

For conditions see Statutes, Chapter XXXVII, page 118.

Awards.

1916	Gard, Harold John (resigned)
1917	Collett, Gwendolyn Victoria Pearl
1919	Bishop, Lionel Albert Jack
1923	Francis, Bessie
1925	Watson, Joyce Elisabeth
1928	Badenoch, Beatrice Joy
1931	Koch, Gwendoline Gladys

THE EUGENE ALDERMAN SCHOLARSHIPS.

These Scholarships were founded in memory of the late Eugene Alderman.

For conditions see Chapter XLI of the Statutes, page 123.

Awards.

For previous awards see Calendars from 1924.

For 1927 Willson, Arthur Roger (Violin)
For 1929 Barnden, Vina Melba (Pianoforte)
For 1930 Hakendorf, Jens Haylett (Violin)
For 1932 Hendrickson, Lyndall Maud (Violin)
For 1933 Mathews, Edward John (Violin)

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:—

(i) Reciting

(ii) Reading at sight

(iii) 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.

1927	Williams, George Esson Keith Wilson, Constance Elizabeth
1928	Hardy, Marian Kathleen
1929	Woolcock, Gwenyth Verlie
1931	Collins, Elsie May
1932	Krieg, Erwin Oswald Sharman, Ethel Olive

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1933.

PART III.

Public Examinations in Music.

The Universities of Melbourne, Adelaide, Queensland, Tasmania, and Western Australia, and the State Conservatorium of Music of New South Wales.

THEORY AND PRACTICE OF MUSIC.

Examinations are held in May and September, but the May Examinations in Practice of Music are held in Adelaide only.

SCHOLARSHIPS, SEE PAGE 282.

FOR LOCAL CENTRES AND OFFICERS, SEE PAGE 47.

NOTE.—Printed forms of entry may be obtained from the Registrar or the Local Secretaries; but all entries for Local Examinations should be made through the Local Secretary. No charge beyond the ordinary statutory fees will be made to local candidates.

PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC.

REGULATIONS.

I. 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.

II. Candidates shall be admitted to the Examinations without restrictions as to age or sex.

III. 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.

IV. 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 EXHIBITIONS.

REGULATIONS.

SCHOLARSHIPS.

*I. Two scholarships tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the Public Examinations in Music 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

* *Allowed 2nd December, 1926, and amended 10th December, 1930.*

music, which shall be of the total value of £50, shall 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 of the University.

The 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.

II. Candidates who at either the May or September examinations obtain Honours or Credit in Grade I or Grade II in Theory shall be eligible to compete for the scholarship tenable for the degree course, and candidates who obtain Honours or Credit in Grade I or Grade II in the practice of music shall be eligible to compete for that tenable for the practice of music. The scholarships shall be awarded on the results of a special examination to be held in November each year. All candidates who are eligible to do so must enter for the special examination on the prescribed form on or before 1st November. The fee for the special examination shall be 10s. 6d.

No candidate shall be allowed to present himself for the special examination unless he shall sign an undertaking that he will accept the scholarship and conform to the conditions prescribed if elected. Provided, however, that:

(*a*) No candidate shall be eligible to compete 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.

(*b*) A scholarship shall not be awarded a second time to the same candidate for the same subject.

(*c*) No person shall hold more than one of these scholarships at the same time.

III. If the examiners in either case report that no candidate is of sufficient merit, the scholarship shall not be awarded. In the event of only one candidate being eligible for any scholarship, the Council may, at their discretion, on the recommendation of the examiners, dispense with the special examination.

IV. Every holder of a scholarship tenable for the degree of Bachelor of Music shall, each year, pass the examination prescribed for

that degree, and every holder of a scholarship tenable for the practice of music shall, at the beginning of the second and third years of its tenure, present a satisfactory certificate of diligence and regularity of attendance from his teacher. Failure to pass any such examination or to present such certificate shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

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.

EXHIBITIONS.

*V. Two exhibitions, one in the theory and the other in the practice of music, of the value of £12 12s. each, may be awarded each year to the most promising candidates who obtain honours in Grade III at the September examinations held in South Australia.

*VI. Two exhibitions, one in the theory and the other in the practice of music, of the value of £10 10s. each, may be awarded each year to the most promising candidates who obtain honours in Grade IV at the September examinations held in South Australia.

†VII. No candidate who has previously passed at a higher grade, or at *the same grade* with honours, the examination in the subject in which he is competing, shall be eligible for an exhibition.

VIII. The Exhibition will be given on the condition that the holder pursues an approved course of study in the theory or the practice of music during the year immediately following the award.

‡IX. A prize of twenty guineas shall be awarded each year to the best South Australian candidate who passes as an executant with credit or honours in the Licentiate Examination (Music); provided that if the examiners report that no candidate is worthy to receive the prize, it shall lapse for that year.

‡X. The prize shall not be awarded to the same person more than once; nor shall any candidate be eligible to compete who has already passed either the same examination or any other examination of equal status with credit or honours. Holders of the degree of Mus.Bac., or of the Diploma of Associate in Music of the University of Adelaide, are also ineligible to compete.

* *Allowed 12th December, 1929, and amended 10th December, 1930.*
† *Allowed 12th December, 1929.* ‡ *Allowed 10th December, 1930.*

XI. The Exhibition will be paid in two instalments, the first at the time of the award and the second after an interval of six months and on the production of a satisfactory certificate from the exhibitioner's teacher.

Allowed 2nd December, 1926.

Awards.

SCHOLARSHIPS—

For previous Awards, see Calendars from 1910.

1928 { Woods, Dorothy Anne (Theory) Resigned, 1931)
1928 { Bensley, Rosemary Joan (Practice)

1929 Hodder, Marjorie Norma (Practice)

1930 Burgess, Ada Adelaide (Theory)

1931 { Petrie, Enid Beatrice (Theory)
1931 { Hargrave, Phillip Douglas (Practice)

1932 { Upton, Alethea Mary (Theory)
1932 { Shephard, Beatrice Joan (Practice)

EXHIBITIONS—

For previous Awards, see Calendar for 1932.

1928 { Kellock, Gladys Mary } Equal (Theory)
1928 { Ragless, Laurel Jean }
1928 { Edwards, Marjorie (Practice)

1929 { *Grade III:* Longbottom, Mary Irene (Theory)
1929 { Summerton, Maurine (Practice)
1929 { *Grade IV:* Verco, Mona Saxe (Theory)
1929 { Hargrave, Phillip Douglas (Practice)

1930 { *Grade III:* Connell, Eileen (Theory)
1930 { Hargrave, Phillip Douglas (Practice)
1930 { *Grade IV:* Hyde, Pauline Mary (Theory)
1930 { Horgan, Lillian (Practice)

1931 { *Grade III:* Ashton, Kathleen Anne } (Theory)
1931 { Paterson, Elizabeth Fay }
1931 { Shepard, Beatrice Joan (Practice)
1931 { *Grade IV:* Condon, Helen Veronica } (Theory)
1931 { Power, Frances Maureen }
1931 { Gillespie, Jean } (Practice)
1931 { Theakstone, Nell }

1932 { *Grade III:* Darsow, Martin (Theory)
1932 { Sumner, Thelma Joyce (Practice)
1932 { *Grade IV:* Teakle, Mary (Theory)
1932 { Worden, Delma Joy (Practice)

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1933.

PART IV.

CHANCELLOR'S ADDRESS.

THE BARR SMITH LIBRARY.

THE LATE PROFESSOR BRAILSFORD ROBERTSON.

ANNUAL REPORT.

BIBLIOGRAPHY.

FINANCIAL STATEMENTS.

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ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE

CHANCELLOR'S ADDRESS.

The Annual Commemoration was held on Wednesday, 14th December, 1932.

The Chancellor, in opening the proceedings, said:—

Mr. Vice-Chancellor, Mr. Warden, Ladies and Gentlemen.

It has been my custom since I have had the honour of holding the office of Chancellor to open the proceedings at Commemoration by giving some account of University affairs during the preceding twelve months. In other Universities a report of a more comprehensive nature is prepared by the Vice-Chancellor and printed for general information. It appears to me that the time is fast approaching when that practice may have to be adopted here, for the number of degrees and diplomas to be conferred is increasing year by year, and a lengthy address from the Chancellor tends to unduly prolong the ceremony. Happily, I shall be able to compress my remarks within a comparatively small compass to-day, and, as I hope, to release you within a reasonable time.

The Vice-Chancellor, Sir William Mitchell, represented the University at the opening of the Winthrop Hall and other new buildings erected for the University of Western Australia with funds bequeathed by the late Sir Winthrop Hackett, and was honoured by having conferred on him the degree of Doctor of Letters. Sir William is now in England in connection with the publication of his Gifford Lectures. During his absence, Professor Chapman, than whom there is no one more fitted for the position, or more acceptable to every member of the University, has been appointed to the office of Acting Vice-Chancellor.

The New Year's Honours List brought distinction to the University by the promotion of Sir Walter Young to the rank of Knight Commander of the Most Excellent Order of the British Empire, and by the conferring of a Knighthood on Sir William Goodman. Sir Walter Young has been Chairman of the Finance Committee of the Council since the retirement of the late Sir George Brookman, but during a portion of this year while he was away in England Sir William Goodman filled his place. We are indebted to both gentlemen for their exceedingly valuable services, and offer them our heartiest congratulations on the honours so worthily bestowed on them.

The Director of the Waite Agricultural Institute, Professor Richardson, was invited by the Commonwealth Government to be a member of the Australian Delegation to the Imperial Economic Conference at Ottawa, and according to private information I have received from an independent source, his technical knowledge was of great assistance to his colleagues. He has had his leave extended by the Council to enable him to gather the latest information in Europe and America regarding the problems with which the Institute is concerned. Professor Prescott, who is acting as Director during Professor Richardson's absence, will receive to-day the degree of Doctor of Science, on the recommendation of Sir Daniel Hall and Sir John Russell, two of the most eminent living authorities on the subject which Professor Prescott chose for his thesis.

The most noteworthy academic event of the year was the opening by His Excellency the Governor, Sir Alexander Hore-Ruthven, on the 4th of March, of the new building erected for the accommodation of the Barr Smith Library. This noble gift by Mr. Tom Elder Barr Smith in memory of his father provides the University with one of its most valuable and beautiful possessions. The number of books now available for the use of students is about 100,000. The making of additions was seriously hampered by the primage duty—levied by the Federal Parliament—but fortunately this impost has at length been removed. Professor FitzHerbert is most kindly performing the duties of honorary librarian during the vacancy in the office caused by the death of Mr. R. J. M. Clucas.

Another building of which the erection has been begun is the Chemical Laboratory that is to bear the name of the late Captain R. L. Johnson. It would not have been possible for us to begin the work so soon but for a grant from the Unemployment Relief Council, which will ultimately amount to about £12,000, towards the labour costs of the building. The outlay for material and equipment will be borne by the University until the property in Waymouth Street that was given by the executors of Captain Johnson's will can be satisfactorily realized. The building, which has been planned by Mr. Laybourne Smith, in co-operation with Professor Macbeth, will harmonize with the Animal Nutrition Laboratory and the Lady Symon Building, between which it will stand, on Victoria Drive. The contract stipulates that it shall be ready for occupation in February next. One feature of the building will be a lecture room, which will be named in honour of the late Professor Rennie.

The design for the Great Hall provided for by the splendid munificence of Sir Langdon Bonython, has, after the most careful

consideration, been approved, and tenders will be called for early next year. The site of the building will be on North Terrace, facing towards Pulteney Street.

Many other improvements have been made to existing buildings and the roadways and spaces between them, which have done much towards making the University grounds more attractive.

The death of Mr. Immanuel Gotthold Reimann caused a serious loss to the Elder Conservatorium. Mr. Reimann was one of the original proprietors of the Adelaide School of Music, which was founded by himself and the late Mr. Cecil Sharp, and was absorbed by the University when the Elder Conservatorium was established. He was an acknowledged authority on music, a successful teacher of the pianoforte, greatly beloved by his pupils, a capable and tactful administrator, and a loyal servant of the University. During Professor Davies's absence on leave, Mr. Reimann acted in his place on several occasions as Director of the Conservatorium.

A very beautiful stained glass window has been placed in the main building by Mrs. Brailsford Robertson, in memory of her late husband, Professor Thorburn Brailsford Robertson. A further tribute to his memory has taken the form of a series of papers contributed by scientists of note in different parts of the world, with an introduction by Mr. H. R. Marston.

The term for which Sir Charles Martin accepted the Chair of Biochemistry and General Physiology and the Directorship of the Animal Nutrition Laboratory in place of Professor Robertson will shortly expire, and I desire to take this opportunity of thanking him publicly on behalf of the University for his extremely valuable services, and of expressing the regret we shall all feel when the time for his departure arrives.

At the Waite Institute many important investigations are being carried on. In the Division of Soils Research surveys have been made in portions of the Ninety-mile Desert, and the Berri and Barmera Irrigation Areas, and the first general account has been published of the soils in the mallee country of this State. In the Department of Entomology work is progressing in the study of the natural factors of temperature, rainfall and soil conditions affecting the life history of the lucerne flea, and a plan of operations has been organized in association with the Council for Scientific and Industrial Research and fruitgrowers in South Australia and Victoria, with a view to preventing the damage caused in orchards and gardens by the insect pest known as thrips. A comprehensive progress report on the Mineral Deficiency in Australian pastures issued by the Institute has received high commendation

from the Empire Marketing Board in London, and, in consequence, the Board has made a further grant for the continuance of the investigations for another year. The Imperial Chemical Industries Limited have also shown their appreciation of the work of the Institute by renewing their contribution for the conduct of experiments in the application of nitrogenous fertilizers to Australian soils. In the Department of Plant Pathology the principal advances made have been in the development of quantitative methods for the study of virus diseases, and in the discovery of the mechanism by which the spores of the fungus known as "take-all" are broadcasted.

Turning to other topics, arrangements have been made with the Pharmaceutical Society and the Pharmacy Board of South Australia for the constitution of a Board of Pharmaceutical Studies within the University, and the granting of a diploma in Pharmacy. In aid of the project the Pharmaceutical Society has generously contributed the sum of £300 towards the building of the new Chemical Laboratory, and £250 towards its equipment.

The Carnegie Corporation of New York has forwarded a further donation of 2,500 dollars towards the support of a co-operative programme in adult education. The money is being applied in the purchase of additional books for the lending library of the Workers' Educational Association, and the provision of apparatus required for popular lectures and exhibitions arranged by that body.

Another expedition under the auspices of the Board for Anthropological Research was made to Central Australia in August for the study of the aboriginal inhabitants of that region west of the Macdonnell Ranges. The party was under the leadership of Professor Cleland, and was accompanied by Professor Harvey Johnston and Professor Hicks and by representatives of the Adelaide Museum. The Advertiser Newspapers very kindly contributed the sum of £100 towards the cost of the expedition. The results have not yet been fully worked out, but it is understood that much valuable information was obtained.

The late Mr. Fred Johns, who died on the 3rd of this month, provided in his will for the payment to the University of the sum of £1,500 for the establishment of a scholarship to be designated "The Fred Johns Scholarship for Biography." Mr. Johns, whom all who knew him will bear in kindly remembrance, found time during his active career as a journalist and Parliamentary reporter extending over many years, to compile the useful volume which he published from time to time under the title of "Who's Who in Australia." His object in founding this Scholarship was to promote

an interest in the study of biography, and to render it of permanent value to posterity by encouraging the writing, annually if possible, of a full biography of a deceased eminent Australian (not necessarily Australian born) to be selected by the University authorities. Mr. Johns also directed that on the death of his daughter a further sum of £1,000 should be paid to the University for the founding of two scholarships for research in some branch or branches of medical science, one of the scholarships to be in memory of his late wife, and to be called "The Florence Johns Scholarship."

For the various gifts I have mentioned, and others which I am unable more particularly to refer to, I desire to express the most sincere gratitude of the Council.

The Rhodes Scholar for the year is Mr. Theodor Siegfried Dorsch. He is the thirtieth to have been elected from this State, and will not, I am confident, fall short of the high standard attained by his predecessors. To-day Mr. Dorsch will be recognized in the bearer of the University Mace.

I offer my warmest congratulations to those who are about to receive their degrees and diplomas, and to those who have won scholarships and prizes. One who should have been presented for the degree of Master of Arts, Mr. Raymond Windham Cooper, passed away on the eve of obtaining the honour. Verily "in the midst of life we are in death." To his bereaved relatives I would offer on your behalf as well as my own the deepest sympathy.

It is unnecessary for me, I hope, to assure you of my best wishes for your future success and happiness. But there is one thing, of which it may not be improper for me to remind you. The University is a self-governing body, and it is for the younger generation of graduates to take up the burden of its administration as the older men drop out. We—for I include myself—should feel a sense of endless obligation to those who have brought the institution to its present state of efficiency. We have received from them a splendid heritage, and it is our duty, individually and collectively, to maintain and add to it, with vision tempered by discretion, so that in due course it may take rank amongst the famous Universities of the world.

THE BARR SMITH LIBRARY.

At the opening ceremony of the Barr Smith Library, which took place on 4th March, 1932, the following addresses were given:—

The Chancellor, the Hon. Sir George Murray, K.C.M.G., B.A., LL.M., said:—

On behalf of the University I have the honour to request Your Excellency to declare this building open. Five years ago—or, to be exact, on the 13th January, 1927—Mr. Tom Elder Barr Smith most generously offered to pay for the erection of a building to accommodate the Library named after his father; on the 29th September, 1930, the foundation stone was laid by Mrs. Barr Smith; and to-day the building is finished and ready for occupation. The dates are not unimportant, for Mr. Barr Smith stipulated when he made his offer that the building should be completed within five years. The condition has been satisfied.

The circumstances under which the Library of the University received the name of "The Barr Smith Library" were narrated by me when the foundation stone of the building was laid, but I may be forgiven, I hope, for briefly referring to them again. From 1892 onwards, when the income of the University was relatively small, and it was difficult to provide much more than enough to pay for periodicals and the cost of binding, Mr. Robert Barr Smith contributed the sum of £9,000, in varying amounts of £1,000 and £500 at a time, to be expended solely in the purchase of books. To mark its appreciation of Mr. Barr Smith's timely liberality, the Council resolved in 1899 that the Library should thenceforth bear the honoured name of its benefactor. After Mr. Barr Smith's death in 1915, the members of his family, including his son, Mr. Tom Elder Barr Smith, and his son-in-law, the Vice-Chancellor (Sir William Mitchell), gave £11,000 to constitute a fund for the permanent endowment of the Library. When the number of books outgrew the space available for them in the main building, Mr. T. E. Barr Smith gave £30,000 for the erection of this building. These events are tersely recorded in the Latin inscriptions which have been inserted in the frieze of this hall.

There have been many gifts of books to the Library since the establishment of the University. The first donor, if I remember rightly, was Dr. Augustus Short, the first Bishop of Adelaide, and the Chancellor of the University at the time of its inauguration. Mr. Robert Barr Smith's example had a stimulating influence, and

has been followed by a large number of gifts and bequests of great value. Amongst the names which should be remembered on this occasion are those of the late Chancellor, Sir Samuel Way, the late Vice-Chancellor, Dr. William Barlow, the late Mrs. A. M. Simpson, the late Librarian, Mr. R. J. M. Clucas, Sir Josiah Symon, Sir Joseph Verco, Dr. Ramsay Smith, and Mr. Aylmer Strong, who presented the books belonging to his late brother, Professor Sir Archibald Strong. Particularly important contributions, on account of the historical matter contained in them, are a complete copy of the Register newspaper, from the foundation of South Australia, until the journal ceased to be published as a broad sheet, and a complete copy of the Advertiser newspaper from the first issue, which have been made by Advertiser Newspapers Limited, subject only to the condition that they may be reclaimed if the donor's own copies should by any chance be destroyed.

The design of the building is the work of Mr. W. H. Bagot, the University architect. Some account of it, written by himself at the request of the Council, will be found in the pamphlet of which copies are in your hands. As might be expected, Mr. Bagot has limited himself to details of construction, capacity, and convenience. We, however, must be allowed to compliment him on the features that he has passed over in silence—the stately beauty of the exterior, and the quiet splendour of this reading-room. The total number of books in the possession of the University is now about 84,000. Of these, there are 15,000 on the shelving in this room, directly accessible to readers; the remainder, excepting the law and medical libraries, which are kept elsewhere, being in book stacks in the basement, quickly obtainable on application to the staff of the librarian in attendance. There is accommodation for about 150,000 volumes in the building, and for 100 readers in this room. Upstairs is a common room for the professors of the University.

The contractor who has carried out the work of erection is Mr. H. S. C. Jarvis. Those responsible for particular portions of the building and its equipment are too numerous to mention here, but they are all deserving of the highest praise for the excellence of their respective contributions. The craftsmanship displayed has won the admiration of the architect, a fact which, I feel sure, all concerned will be gratified to know. The clerk of works, Mr. James Henderson, deserves special mention for the zeal and ability with which he has performed his duties.

The manufactured articles used have nearly all been made in Australia. The steel window-frames and sashes (with one

exception), the principal electric light fittings, and the Australian oak furniture and fittings were made in Adelaide. The steel book stacks came from Sydney.

The total cost of the erection and its equipment has been about £34,500, and has been wholly covered by Mr. Barr Smith's gift, and the interest received from its temporary investment.

It is a matter of sincere regret to us that Mr. R. J. M. Clucas, the University Librarian, did not live to see the building finished. He was deeply interested in the preparation of the plans, and aided Mr. Bagot with his knowledge and experience. In consequence of his death, it became necessary that an acting librarian should be appointed to supervise the installation of the books in their new quarters. At the request of the Council, Professor FitzHerbert very kindly undertook this office, and devoted almost the whole of his vacation to the work entailed. He has earned the warm admiration and gratitude of the whole University for the skill and judgment with which he has performed his task.

And so, Your Excellency, ladies and gentlemen, we have this building—a magnificent gift from Mr. Tom Elder Barr Smith, a noble monument to the memory of his father, and a splendid adornment of the City of Adelaide.

Before inviting Your Excellency to declare the building open, I may remind you, Sir, that the University has received similar marks of favour from His Majesty the King, and from several of Your Excellency's predecessors. His Majesty, when Duke of Cornwall and York, laid the foundation stone of the Prince of Wales building, Sir William Jervois laid the foundation stone of the main building, and afterwards declared it open, Sir Fowell Buxton laid the foundation stone of the Elder Conservatorium, and Lord Tennyson declared open the first building erected for the accommodation of the Medical School.

I now beg to call upon Your Excellency.

His Excellency the Governor, Brigadier-General The Honourable Sir Alexander Hore-Ruthven said:—

I thank you for inviting me to perform this ceremony to-day and for giving me the opportunity of associating myself with this interesting and important event. The first thought that occurs to one on an occasion like this is how fortunate South Australia is in having among her citizens men of generous and patriotic spirit, whose chief aim seems to be to add something for the benefit of the State. This Library, which we are opening to-day, is an out-

standing example of what is being done in that direction, and, I understand, another fine building—The Bonython Hall— is shortly to be erected, for which we shall be indebted to the generosity of Sir Langdon Bonython. These are magnificent gifts, and their value to the State cannot properly be assessed. But I will not dilate on this phase of the question. If I were to endeavour to describe even a portion of the munificent gifts which Mr. Barr Smith and his family have donated to this State, or if I were to attempt to tell you of the instances of Mr. and Mrs. Barr Smith's benevolence and charity which I have come across personally in most remote and unexpected quarters in all parts of the State, I should occupy far more than the time allotted to me for my remarks to-day. But I say this, without any exaggeration, that I do not believe there exists any citizen in any State who does more in a quiet and unobtrusive manner for the welfare of the community, and the relief of distress, than the gentleman who has donated this magnificent building to the University of Adelaide.

I know the last thing Mr. Barr Smith wants is thanks or praise, so I will not embarrass him by saying more on this subject. But, though we may not put our thoughts into words, our gratitude and appreciation are none the less heartfelt and sincere. I cannot let this opportunity pass without endorsing the tribute to Mr. Walter Bagot, the architect, and his firm, and to Mr. Jarvis, the contractor, for having produced, in design and execution, a building which would be a gem and ornament to any city in the world, and of which any community might be justly proud. Not only will it add greatly to the beauty of the city and the University of Adelaide, which, I am sure, is an object we all have at heart, but I think it is a building which is eminently in keeping with the spirit and the character of this city.

Every city has its own individuality, and its own physical and mental characteristics. These are influenced to a very great extent by the life, habits, and outlook of the people. How different, for instance, is the mental atmosphere of the city of Glasgow from that of the city of Edinburgh. I believe our great cities of Melbourne and Sydney do not always view things from the same angle. What a difference there is between the mentality of New York and Boston. Chicago, I believe, has a mentality of its own. I have heard one fair city in one of our dominions described as being about half the size of New York Cemetery, and twice as dead. With the cities of Paris and Peebles, we associate an atmosphere of gaiety and mirth. Some, not all, Scotsmen have made the claim that Peebles is the gayer of the two. I do not know whether the many dis-

tinguished fellow-countrymen I see around me this afternoon would altogether subscribe to that view or not. But, for myself, I can say I have been to Paris and I have been to Peebles, but wild horses would not drag from me any expression of opinion as to which of these two cities I should prefer to spend my leisure hours in.

So we see the cities possess not only physical, but mental characteristics as well. Adelaide is a young city. As cities go she is in her infancy. A hundred years in the life of a city is a very short time, and young cities, like young people, gradually develop their physical and mental characteristics as they grow up. I think we may justly claim that Adelaide is developing physically and mentally along satisfactory and admirable lines. To begin with, she has the advantage of a picturesque, natural setting. She has magnificent hills on one side, and the sea coast on the other. The city was designed and laid out by a man who possessed an artistic taste, as well as vision and foresight. Colonel Light allowed for wide streets, open spaces, and park lands. This design, I am glad to say, has been adhered to. Now we have growing up dignified, stately, and imposing buildings. There are some buildings, unfortunately, which are not as artistic or imposing as we should like, but I hope these will be few and far between.

Besides all that, Adelaide is developing a sound, solid, and sensible mentality. There is an atmosphere of culture and refinement in Adelaide. There is a good deal of quiet dignity. There is an absence of that rush and hustle and noise which is so common and so unpleasant in many of the great cities of the world to-day, and I think we may claim that in Adelaide there is a decided atmosphere of respectability. These are priceless assets. Let us guard them jealously. Let us do nothing that can possibly detract from the physical or mental development of this city. So a gift like this, which not only adds enormously to the physical beauty of this fair city, but at the same time helps and encourages the mental development of the rising generation, is a gift of priceless value to the State, and a gift for which it is difficult adequately to express our gratitude and appreciation. But there is one section of the community who have it in their power to show their appreciation of this gift in a very practical way. I refer to the students who will have the privilege of using this library in the future. Let them show their gratitude by making full use of this library, and of the golden opportunities which it affords them for study. Let them read and re-read, read wisely, judiciously, intelligently, and well. Here you will have unlimited choice. Ransack these well-stocked shelves; browse round these rich and luxuriant pastures.

Select the best and most nourishing diet. So I would say to these students, whatever profession or occupation you adopt, if you wish to develop your faculties to their utmost advantage, make full use of this magnificent library. Replenish your minds; invigorate your intellect. In this way you can show your gratitude to the generous donor. In this way, as in no other, can you show your appreciation for his priceless and princely gift.

Mr. T. E. Barr Smith, in acknowledging the vote of thanks proposed on behalf of the University by Professor Wilton, Chairman of the Library Committee, and seconded by Professor Fitz-Herbert, Honorary Librarian, said:—

I do not suppose there is a single person amongst those present who would change places with me for the next five minutes. If there is, I hope he will come forward, and I will ask permission of the Chancellor to allow me to assist him over the barrier behind which we are ensconced, and he can do the talking. I am, however, very grateful for the opportunity that has been given to me of addressing you this afternoon, to thank all who have made it possible for us to meet in what, I am sure one and all will agree, is a very beautiful building. Where so many have had a share in the construction of the library, it may seem invidious to particularize, but the bulk of the responsibility, and the larger portion of the work, has fallen on Mr. Walter Bagot and his able partners, and to those gentlemen I tender my most sincere thanks and congratulations on the outcome of their efforts. I have had the privilege during the building of the library in the last twelve months of dropping in to see how the work was progressing, and I am satisfied that there is not a portion of the building that has not been well and truly built. One and all seem to have identified themselves with the job, with the fixed determination that they would do their best to make it a success, and an ornament to the University. To all of them I tender my most grateful thanks. The Chancellor remarked to me last week: "The only condition you made concerning the library was that it should be completed in five years, and the five years were up last January." I ventured to point out that this indicated that the time had been exceeded, and damages might lie against the Council. I gathered that the Chancellor, who is also the Chief Justice, thought this possible, though he did not like my chances, and as the case might come before him in another capacity, the damages would possibly be one farthing. I decided not to go on with the case, because, if I won, the farthing would probably have to be deposited in the library with a Latin inscription detailing the circumstances.

My Latin is somewhat rusty. I am not quite sure what the Latin for one farthing is, but I have a recollection that a drachma was a diminutive coin when I was being coached in the language of ancient Rome, and at the present rate of exchange I believe it would be of small value. I remember some years ago seeing a picture that depicted a castle yard in which were gathered together a Roman General, a centurion, and a very wretched-looking group of Scots and Picts, who had been taken prisoners. The Roman General was represented as saying to the centurion: "These Picts and Scots look uncommonly alike. How do you distinguish the one from the other?" to which the centurion replied: "We had great difficulty at first, sir. But now we have some drachmae which we scatter amongst the prisoners. We then search them, and—well, the Scots have all the drachmae."

You probably all know that when Britain was first settled it was by the Angles, who landed on the east coast, somewhere near where Norfolk now is. After their landing the Angles divided into two parties. The Right and Acute Angles went North, and became the progenitors of the Scots—while the Obtuse Angles went South and became the progenitors of the English.

It is sixteen years since my father died and a new generation has arisen. But there are still a great many living who knew my father well, and loved all the many sterling qualities with which he was endowed, and who remember the countless kindly actions with which he did his best to help his fellow-man, and to make the world a happier place to live in. The unfortunate had always an appeal to him, and no more kindly heart ever beat than his. That is why I hope this library will for ever keep the memory of my father green.

THE LATE PROFESSOR BRAILSFORD ROBERTSON.

At the unveiling of a stained glass window presented by Mrs. Brailsford Robertson in memory of her husband, the late Professor Thorburn Brailsford Robertson, on 18th March, 1932, the Chancellor, the Honourable Sir George Murray, K.C.M.G., said:—

The window I am about to unveil has been erected by Mrs. Brailsford Robertson, with the consent of the Council, to the memory of her late husband, Professor Thorburn Brailsford Robertson. The design of the window was a gift to Mrs. Robertson from Miss Edith Lungley, a daughter of Mr. Arthur Lungley, formerly of North Adelaide, and a grand-daughter of the late Sir Henry Ayers, the first Treasurer of the University. Miss Lungley's work in stained glass has been accepted for exhibition more than once by the Royal Academy in London and has won high praise. We are fortunate, indeed, in having this beautiful example of her art within the walls of the University. Some day, I hope, it will be possible to find a more suitable position for it than where it now is.

Professor Robertson's death occurred so recently that he will still be remembered vividly by all of you, ladies and gentlemen, who are present to-day. I gave a brief account of his career on the occasion of unveiling a memorial plaque erected by his friends and associates in the Animal Nutrition Laboratory last September, and a fuller account by Dr. S. W. Pennycuick will be found in the volume of papers and addresses which was published by Mrs. Robertson, under the title of "The Spirit of Research," in October. I shall not repeat what has been so well said by Dr. Pennycuick, but shall assume that you are already acquainted with it.

Few people were aware, during Professor Robertson's lifetime, how wide his intellectual interests were. His writings show that he was well read in philosophy, history, and classical literature, and that he might have excelled as greatly in any of those branches of study as he did in science. But it was to science that he devoted himself, and particularly to that department of it which is concerned with the living organism, known as biochemistry. The results of his work were published from time to time in his books, "The Physical Chemistry of the Proteins," "The Principles of Biochemistry," and "The Chemical Basis of Growth and Senescence," and in about two hundred papers contributed to scientific journals in Europe, America, and Australia. The main purpose of his

studies was to solve the mystery of physical life in its successive stages of commencement, growth, decline, and cessation, for the benefit of his fellow-men. This, however, was denied to him, on the near approach of attainment by his untimely death on the 18th of January, 1930. What he saw developing in his researches we do not know. He himself merely described it as "something really worth while." But he was a great investigator, and we may feel sure, from the acuteness of his perceptions, and the thoroughness of his methods, that he had good reasons for his faith. He was not quite forty-six years of age when he passed away. The amount of original work he accomplished in his short life was prodigious. It would be rash to assert that the loss to science, or, as I should prefer to say, the loss to humanity, caused by his death, is irreparable, but it will probably be a long time before anyone else is able to gather the threads together and produce the fabric he was attempting to weave on his loom.

I have mentioned the plaque that has been erected in the Animal Nutrition Laboratory. It represents a torch-bearer sinking exhausted on the threshold of his goal, and seeming to cry out in the words of Alfred Noyes, of which Mrs. Robertson has reminded me:—

> "Take thou the torch, carry it out of sight,
> Into the great new age I must not know,
> Into the great new realm I must not tread."

But Robertson will also be remembered in the life of the University for having obtained the erection of the Darling Building for the Medical School, and the establishment of the Animal Products Research Foundation, the Graduates' Association, and the Medical Sciences Club. A special memorial number of the Journal of the last-mentioned Society, which was inaugurated by himself and endowed by Sir Joseph Verco, will shortly appear.

The window you see before you requires to be carefully studied in order that its full meaning may be appreciated. I shall not give you my own interpretation of it, as the various objects introduced will convey different impressions, perhaps, at different times. This, in my view, is one of its conspicuous merits. A work of art should not tell its whole story at once, but should be capable of suggesting new trains of thought every time it is looked at. There are a few things, however, that I think you ought to know. "The Laws of Nature are the Thoughts of God" is an apophthegm of Oersted, the Danish physicist, who lived in the early part of the

last century. Robertson frequently quoted it in his lectures. "In limine" is the motto Robertson chose for his book-plate. The words in the book held by the figure of Science are taken from Professor Gilbert Murray's translation of the Bacchae of Euripides, and are inserted because Robertson was particularly fond of them:—

> "What else is Wisdom? What of man's endeavour,
> Or God's high grace so lovely and so great?
> To stand from fear set free, to breathe and wait,
> To hold a hand uplifted over hate.
> And shall not loveliness be loved for ever?"

The music is a bar or two from his favourite work of Beethoven. Beneath the dedication is an extract from a letter written by Robertson when he was a young student at the University of California, far removed from relatives and friends: "Then I turn to the one thing which will conquer and transform the world. I turn again to grope in the void for new knowledge. I try to lift a torch in the surrounding blackness, which will one day lead to the land of eternal sunshine."

Ladies and gentlemen, I feel that I should say no more. The window is a token of love from her who is now his widow, a tender and beautiful acknowledgment of the happiness which their union brought to them, until it was severed by death. Robertson's work will live.

ANNUAL REPORT FOR THE YEAR 1932.

To His Excellency the Honourable Sir George John Robert Murray, K.C.M.G., B.A., LL.M., Lieutenant-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 1932:—

I. The Council and the Senate.

In November Messrs. W. J. Adey and W. R. Bayly, the Honourable Sir Langdon Bonython, Sir William Goodman, and Sir William Mitchell ceased by effluxion of time to hold office as members of the Council, but in November the Senate re-elected them. It also re-elected the Honourable Mr. Justice Angas Parsons its Warden and Mr. F. W. Eardley its Clerk.

The Vice-Chancellor, Sir William Mitchell, in April represented the University at the opening ceremony of the new buildings of the University of Western Australia. Sir William was invited to address the graduates, and was honoured by having conferred on him the degree of Doctor of Letters.

The Vice-Chancellor left for England in July in connection with the publication of his Gifford Lectures. Professor Chapman was appointed acting Vice-Chancellor.

Dr. Grenfell Price left for the United States of America in September, where he will continue his investigation into historical and geographical problems under the Fellowship to which he was appointed by the Rockefeller Foundation. In November Dr. Price attended the Conference of Universities in New York on "The Obligation of the Universities to the Social Order."

Sir Walter Young, Chairman of the Finance Committee, returned from Europe in December; during his absence the business of the Committee was directed by Sir William Goodman, to whom the Council has expressed its grateful thanks.

II. The Staff.

The Council received with great regret an intimation from Sir Charles Martin that he wished to retire early in the new year, when the term would expire, for which he had accepted the Chair of Biochemistry and General Physiology and the Directorship of the Animal Nutrition Laboratory in succession to Professor Brailsford Robertson.

Sir Henry Newland, lecturer in the Science and Art of Surgery, was granted leave of absence during 1932.

At the request of the Commonwealth Government Professor Richardson was granted leave of absence to attend the Imperial Conference at Ottawa as a member of the Australian delegation.

Professor Sir Douglas Mawson was granted leave of absence during the first part of 1933 to enable him to proceed to England in connection with the affairs of the recent Antarctic Expedition, of which he was the leader.

Mr. C. T. Madigan was granted leave of absence in November to enable him to visit the Granites Goldfield, upon which he subsequently published a report.

Dr. R. C. Bald, Lecturer in English Literature, and Messrs. S. D. Garrett and C. S. Piper, of the Staff of the Waite Institute, have been granted leave of absence to enable them to go abroad for further study and research.

At the request of the State Government the Council has arranged for the systematic examination of the metropolitan water supplies to be carried out in the department of Zoology under the direction of Professor T. Harvey Johnston.

With the approval of the Council Dr. W. T. Cooke has been appointed by the Council for Scientific and Industrial Research to carry out an investigation into the best means of eradicating Cape Tulip.

The Council made the following appointments and re-appointments:—

Faculty of Medicine:

Lecturer: Clinical Surgery—Mr. L. C. E. Lindon.

Tutors: Medicine—Dr. F. Ray Hone, Dr. Guy Lendon. Surgery—Mr. A. T. Britten Jones, Mr. P. Santo Messent. Obstetrics—Mr. J. R. S. G. Beard, Mr. H. M. Fisher, Dr. R. F. Matters, Mr. B. H. Swift. Radiology—Mr. H. C. Nott. Infectious Diseases—Dr. F. H. Beare.

Assistant Lecturer and Demonstrator: Physiology and Pharmacology—Dr. R. F. Matters.

Instructor: Anaesthetics—Mr. Gilbert Brown.

Demonstrator: Biochemistry—Miss E. U. Hubbe.

Honorary Demonstrator: Pathology—Mrs. Effie Hone .

Faculty of Dentistry:

Lecturers: Crown and Bridge Work—Dr. H. T. J. Edwards. Oral Surgery—Dr. T. D. Campbell. Prophylaxis and Oral Hygiene—Dr. C. B. Maddern. Dental Metallurgy—Mr. F. W. Reid.

Demonstrators: Orthodontic Technique—Mr. P. Raymond Begg. Prosthetic Technique—Mr. L. A. M. Brougham Crown and Bridge Work—Mr. R. J. Brazil Smith.

Instructors: Prosthetic Dentistry—Mr. R. J. Brazil Smith. Anaesthetics—Mr. Gilbert Brown.

Faculty of Law:

Lecturers: Law of Property, Parts I and II—Mr. E. W. Benham. Roman Law—Mr. C. C. Brebner. Jurisprudence —Mr. Herbert Mayo, K.C.

Faculties of Arts and Science:

Lecturer: Economics—Mr. J. M. Garland.

Assistant Lecturer: Ethics—Mr. R. R. P. Barbour.

Junior Demonstrator: Chemistry—Mr. A. B. Beck.

Waite Institute:

Assistant Agrostologist—Mr. E. A. Cornish. Mineral Metabolism: Assistant—Mr. L. A. T. Ballard.

Elder Conservatorium:

Teacher of Flute—Miss C. G. Pether.

Board of Commercial Studies:

Lecturer: Statistics—Mr. K. F. Newman.

Board of Pharmaceutical Studies:

Lecturers: Materia Medica, Pharmacy, and Dispensing—Mr. E. F. Lipsham. Forensic and Commercial Pharmacy—Mr. O. H. Walter.

III. Death of Mr. Reimann.

The Council records with deep regret the death in March of Mr. Immanuel Gotthold Reimann. Mr. Reimann had been associated with the Elder Conservatorium since its beginning in 1898, and frequently acted as its Deputy Director. He was greatly esteemed by his colleagues and regarded by all with affection for his unfailing courtesy and kindness. His wise counsel will be missed, especially in the deliberations of the Australian Music Examinations Board, of which he was a valued member.

IV. The Late Professor Brailsford Robertson.

To commemorate her late husband Mrs. Brailsford Roberston presented a stained-glass window, which has been placed in the University main building.

A memorial volume, containing contributions by many scientific authorities, who were associated with or interested in the work of the late Professor Robertson, has been published by the Board of Editors of the Australian Journal of Experimental Biology and Medical Science.

V. Endowments and Gifts.

The Council were informed by the Executors of the late Mr. Frederic Johns, the well-known author of *Who's Who in Australia*, that he had bequeathed the sum of £1,500 for the founding of a Scholarship to be designated "The Fred Johns Scholarship for Biography." Subject to the life interest of his daughter he had also provided a further sum of £1,000 for the purpose of establishing two scholarships of £500 each for research in some branch or branches of Medical Science, at the discretion of the Council. One of these Scholarships is to be called "The Florence Johns Scholarship."

The Council accepted the offer of the Pharmaceutical Society to make donations of £300 towards the cost of building the new Chemical Laboratory, and £250 towards the equipment of the department.

The Carnegie Corporation of New York made a second grant of 2,500 dollars for the extension of adult education.

The Directors of Advertisers Newspapers Ltd. placed in the Library of the University on extended loan complete files of the "Advertiser" and of the "Register," to which new volumes will be added from time to time. The expense of the shelving for this addition to the resources of the University Library was borne by the Company.

The Company also contributed £100 to assist Anthropological Research.

Mrs. T. Brailsford Robertson forwarded the sum of £70 collected by her as an addition to the endowment fund of the S.A. Orchestra.

The undermentioned gifts also were received:—

A silver-framed portrait of the late Mr. R. Barr Smith for the Library from Mr. T. Barr Smith; specimens for the Chemical Department from Blandfield Chemical Works, and from British Celanese, Ltd.; books from Cadbury Fry Pascall Pty., Ltd.; American Relief Administration, the Carnegie Corporation, the

Board of Governors of the Public Library, Dr. Edgar Brown, Professor Chapman, Mrs. F. D. Christison, Professor Davies, Dr. F. Goldsmith, Mr. H. Le Lacheur, Dr. A. A. Lendon, Mr. Evan Kyffin Thomas, Mrs. W. A. Magarey, Mr. Harold Parsons, Mrs. T. Brailsford Robertson, Professor Wilton, and Dr. H. W. Wunderly.

VI. The Johnson Chemical Laboratory.

The Council received from the estate of the late Ronald Lindsay Johnson a piece of land in Waymouth Street, which, it was intended, should provide, on its realization, portion of the sum required for the erection and equipment of Chemical Buildings. Although the present time is inopportune for realizing the gift, the Council, with the help of a grant of £12,000 from the Commonwealth Government through the Unemployment Relief Council towards labour costs, was able in September to enter into a contract for the erection of the building. To commemorate the donor the building will be known as the Johnson Chemical Laboratory, and to commemorate the late Professor Rennie the lecture theatre will bear his name. It is expected that the Chemical School will be transferred to the building at the beginning of the next session.

VII. Barr Smith Library.

The Barr Smith Library building was formally opened by His Excellency the Governor, Sir Alexander Hore-Ruthven, on the 4th March. A full report of the proceedings has been printed as a permanent record.

For the convenience of students arrangements have been made for the Library to remain open during the evening. Pending an appointment to the office of Librarian, Professor FitzHerbert has kindly consented to act as Honorary Librarian.

VIII. Representatives at Conferences, Etc.

The University was represented at the Universities' Conference in Sydney by Professors Chapman and Stewart; at the British Medical Association's Centenary Celebrations in London by Sir Henry Newland; at the Conference in New York on the Obligation of Universities to the Social Order by Dr. Grenfell Price; at the Workers' Educational Association Conference by the Vice-Chancellor, Professor McKellar Stewart and Professor FitzHerbert; at the Thirty-sixth Annual Meeting of the American Academy of Political and Social Sciences by Professors Heaton and Mayo, and Mr. Mander.

Mr. W. J. Isbister, K.C., on behalf of the Council presented a congratulatory address at the celebrations of the Tercentenary of the

University of Amsterdam. Addresses were also sent to the Universities of Caen and Poitiers, which this year celebrated the Fifth Centenary of their foundation.

IX. Representation in Various Institutions, Etc.

The following were elected by the Council to represent the University:—Professor Darnley Naylor, on the Council of the Universities Bureau in London; Professor Harvey Johnston and Mr. R. N. Finlayson on the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia; Professors McKellar Stewart and Kerr Grant on the Advisory Committee of Education; Professor Chapman on the Council of St. Mark's College; Mr. A. M. Cudmore on the Medical Board of South Australia.

X. Waite Agricultural Research Institute.

During the year important soil surveys have been conducted, notably in portions of the Ninety-mile desert and in the Berri and Barmera irrigation areas. Papers descriptive of various soils have been prepared. These deal with soils from Sub-Antarctic islands collected by Sir Douglas Mawson, soils used in the preparation of turf wickets, and the first general account of the soils of the South Australian mallee.

In the Department of Entomology work has progressed in the study of the natural factors of temperature, rainfall, and soil conditions affecting various stages in the life-history of the lucerne flea, particularly the laying and hatching of eggs. The geographical distribution of the pest in Australia can be more clearly understood as a result of this work, and control measures can be more intelligently applied.

Investigations into Thrips as a pest of fruit blossom have been organized in association with the Council for Scientific and Industrial Research, and with fruit-growers, particularly in Victoria and South Australia.

A comprehensive progress report on mineral deficiency in pastures was very favourably received in London by the Empire Marketing Board. In spite of the uncertain future of the Board, provision has been made to assist this investigation for a further year. Several investigations, completed during the year, are being published. Material progress has been made in determining the factors requisite for the establishment of pastures suitable to the South Australian environment.

Imperial Chemical Industries, Ltd., renewed its grant towards the expenses of the investigation into the use of nitrogenous fertilisers.

New experiments were planned, and pastures have been laid down in preparation for next year's work.

In Plant Pathology the principal advances have been the development of quantitative methods for the study of virus diseases, and the discovery of the mechanism of spore discharge in the case of the "take-all" fungus, which has substantially modified the point of view with regard to the spread of the disease in the field.

XI. Anthropological Research.

In July the Board of Anthropological Studies made an expedition to Mount Liebig, about 200 miles west of Alice Springs, for the purpose of obtaining further measurements in Physical Anthropology, and studying tribal relationships. Some 120 natives entirely untouched by civilization were studied, and the new information gained has been the subject of special scientific reports by members of the expedition.

XII. Koonamore Vegetation Reserve.

Mr. J. G. Wood and members of the staff of the Botanical Department paid visits to the Reserve in May and September. Mr. Wood reported that the depredations by rabbits have been serious, and their presence on the Reserve has thrown back the regeneration of shrubs and trees by some years. As small specially fenced areas were protected from rabbits it has been possible to make interesting comparisons; the gradual disappearance of trees and of the valuable *Cassia* bushes is shown to be directly due to their presence.

XIII. The Animal Products Research Foundation.

The programme of researches drawn up by the late Professor Brailsford Robertson, the scope of which was indicated in his last report, has been carried on and is approaching completion.

Several series of experiments dealing with longevity, involving the observation and record of the daily happenings of upwards of 1,000 mice, begun by Professor Robertson in 1929, have been continued during the last three years by his colleagues at the Nutrition Laboratory of the Council for Scientific and Industrial Research. These experiments were a continuation of an extensive inquiry into the influence of feeding upon the duration of life, initiated by Professor Robertson in 1922, and referred to in previous reports of the Animal Products Research Foundation.

XIV. Other Contributions to Knowledge.

Other work, done by members of the University, is referred to in the Chancellor's address, a copy of which is added to this report.

The year's bibliography is also appended.

XV. Diploma in Pharmacy.

For many years the Council has co-operated with the Pharmaceutical Society in the training of students who desire to take up Pharmacy as a career. Arrangements have now been made for a complete course of study at the University which will enable students to qualify for a Diploma in Pharmacy, the regulations for which were approved by the Senate in November. A Board of Pharmaceutical Studies, to be presided over by the Angas Professor of Chemistry and composed of representatives of the University, the Pharmaceutical Society and the Pharmacy Board has been created.

XVI. Anti-Cancer Campaign.

Attendances of patients at the Radiological Clinic at the Adelaide Hospital during the year numbered 6,624—nearly double those of the previous year.

The principal object of the investigations of the Campaign is the improvement of the techniques of radium and X-ray treatments, but attention has also been given to Pathological Research.

Monthly evening meetings of the staff of the Clinic have been instituted to investigate the results of treatment.

The University was represented at the Third Annual Cancer Conference at Canberra by Mr. F. S. Hone (Director of the Clinic), Mr. H. A. McCoy (Radium Therapist), and Mr. B. S. Hanson (Radium Registrar).

XVII. Numbers of Students.

The number of undergraduates was 1,052, of non-graduating students 871, and post-graduate students 161. Of the non-graduating students, 58 attended from the School of Mines. At the Elder Conservatorium 232 students studied principal subjects, and 97 attended classes only.

The number of students studying for the B.A. degree was 529, for the M.A. degree 64, for the B.Ec. degree 35, for the B.Sc. degree 122, for the B.E. degree 126, for the LL.B. degree 117, for the M.B. and B.S. degrees 135, for the B.D.S. degree 18, and for the Mus.Bac. degree 6; 348 students attended the course for the Diploma in Commerce; and 57 attended the course for the Diploma in Public Administration.

Night lectures were given in the following subjects:—Botany, Chemistry, Economics, Education, English Language and Literature, Ethics, French, Geography, Geology, History, Latin, Pure Mathematics, Physics, Psychology, Accountancy, Commercial Law, Commercial Practice, English Composition, Public Administration, Politi-

cal Institutions, and Statistics. A special course of ten lectures on Electron Physics was given by Professor Kerr Grant. Courses of lectures and practical work in Chemistry and Botany were provided for Pharmaceutical students. Five students attended the special course of instruction arranged to meet the requirements of the Massage Association.

XVIII. Public Examinations.

The following numbers of candidates presented themselves at the Public Examinations:—

The Supplementary Leaving Examination in February: 172 candidates.

Intermediate and Intermediate Commercial Examinations in November: 2,842 candidates.

Leaving and Leaving Commercial Examinations in November: 1,517 candidates.

Leaving Honours Examinations: 331 candidates.

The Commissioner of Public Works again granted the use of the Exhibition Building for the examinations in November.

The examinations were held in country towns and districts at 46 permanent and 29 temporary centres.

The Public Examinations in Music of the Australian Music Examinations Board were held in May and September. In South Australia there were 449 entries in Theory and 785 in Practice of Music.

XIX. Public Lectures and Concerts.

Public Lectures were given during the second term by Mr. Madigan, on "Egypt and the Sudan"; by Dr. Campbell, on "The Australian Aboriginal, Part I"; by Dr. Fry, on "The Australian Aboriginal, Part II"; by Mr. Wood, on "The Origin and Significance of Sex in Plants"; by Dr. Pennycuick, on "Colloids"; by Dr. Bald, on "William Hazlitt"; by Professor Hancock, on "Machiavelli"; by Mr. F. S. Hone, on "Progress in Prevention of Disease."

In July, the Joseph Fisher Lecture in Commerce was given by Mr. A. C. Davidson, General Manager of the Bank of New South Wales. His subject was "Australia's Share in International Recovery." The lecture was printed and distributed in accordance with the provisions of the foundation.

In addition to the usual series of concerts given by the staff and students of the Elder Conservatorium, Mr. John Horner gave a course of twenty mid-day Organ Recitals during the winter months. The Recitals were free to the public, and were well attended.

In April, the Opera Class gave six performances of the opera, "Lochinvar," in the Theatre Royal, in conjunction with Messrs. J. C. Williamson, Ltd., and in August it gave two presentations in the Norwood Town Hall of scenes from "Orpheus" and "Faust."

XX. Department of Tutorial Classes.

Six tutorial classes, thirteen lecture classes, two preparatory classes, and six study circles were held in the University building. Two lecture classes, and one preparatory class were held at Port Adelaide. Lecture classes were also held at Colonel Light Gardens, Largs Bay, Norwood, and the Trades Hall, Adelaide. Study circles were formed at Brompton and Kilkenny. A course of lectures was given at Strathalbyn, and a lecture class was held at Murray Bridge. The total enrolment for the city classes was 1,299. Of this number, 779 students attended at least half the meetings.

XXI. Statutes and Regulations.

A new statute—Chapter LIV—of the Board of Pharmaceutical Studies was made, and a new clause was added to Chapter XXV, Miscellaneous.

The following regulations were made, amended, or repealed:—B.A. degree, B.Ag.Sc. degree, Diploma in Applied Science and Fellowship of the S.A. School of Mines and Industries, LL.B. degree, B.D.S. degree, Diploma in Education, Diploma in Pharmacy, Public Examinations.

XXII. Admission to Degrees and Diplomas.

At a meeting of the Council held on the 29th April, the following were admitted:—

Degree of Bachelor of Laws:

Hague, Ralph Meyrick (Stow Scholar)

Degree of Doctor of Letters:

Price, Archibald Grenfell, M.A.

Degree of Bachelor of Arts:

Brown, Cyril Maitland Ash
Taylor, Herbert Richard

Honours Degree of Bachelor of Science:

Thyer, Robert Francis

Degree of Bachelor of Engineering:

Cox, Lancelot Ingham
Dawkins, Lindsay Cramp
Lloyd, Thomas Rex Viner
Turner, Edward Robert

Diploma in Applied Science:

Cox, Lancelot Ingham
Dawkins, Lindsay Cramp
Lloyd, Thomas Rex Viner
Turner, Edward Robert

At a meeting of the Council held on the 24th June, the following were admitted:—

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Andrews, Julian
Cowden, Kenneth Laurence Brooke
Godlee, Theodore

Degree of Master of Engineering:

James, Wesley Hughes, B.Sc., B.E.

Degree of Bachelor of Engineering:

Cropley, Frederick Waterton
Madigan, Cecil Thomas, M.A. (*in lieu of surrendered degree of B.Sc.*)

Diploma in Applied Science:

Cropley, Frederick Waterton

At the Commemoration on the 14th December, the following were admitted:—

Degree of Bachelor of Laws:

Besanko, Maurice Hier
Bray, John Jefferson
Fraser, Harry Lovat
Heath, Trevor James Cartrell, B.A.
Hunter, Brian Oswald
Isaachsen, Oscar Cedric
Macdonald, Keith Alexander
Maitland, James Angus
Smith, John Jeffreys

Taylor, Trevor Roy
Walsh, Kevin Gerald

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Beech, Ernest Robert
Bonnin, Noel James
Cleland, Margaret Burton
Cock, Leonard Ambrose
Edwards, Karl Francis
Flecker, Margaret Mabel
Gallagher, William Edward
Gray, James Hugo (Everard Scholar)
Hayward, John Lionel
McLean, Leonard Allan
Miller, Malcolm William (Everard Scholar)
O'Connor, Richard Joseph (Everard Scholar)
Pellew, Leonard James Ternouth (Everard Scholar)
Plummer, Violet Myrtle
Price, Charles William Russell
Robjohns, Henry Collin
Southwood, Harry Milton

Degree of Bachelor of Dental Surgery:

Delmont, William George
Fitzgerald, Gerald
Lewis, Gwenyth Elizabeth
Pellew, Janie Christobel
Scollin, James

Degree of Master of Arts:

Biaggini, Ernest Gordon, B.A.
Charlesworth, Thomas William, B.A.
Featherstone, Dora Bewlay, B.A.
Fricker, Vera May, B.A.
Hebart, Siegfried Paul, B.A.
Hitchcox, Alfred Clarke, B.A.
Ireland, Norman Arthur, B.A.
Leslie, Jean, B.A.
Magor, Clifford James, B.A.
Martin, Frederick Clarence, B.A.
Mitchell, George Thomas Jeffery, B.A.
Paull, Alec Gordon, B.A., B.Sc.
Penny, Hubert Harry, B.A.
Rogers, Irene Blanche, B.A.
Schneider, Wilfred Carl, B.A.

Smith, Mary, B.A.
Wait, Yvonne Lois, B.A.
Wilson, Luther Ernest Crosby, B.A., B.Sc.

Honours Degree of Bachelor of Arts:

Mounster, Valerie Luella, B.A.

Degree of Bachelor of Arts:

Burton, Nancy Glen
Carthew, Lancelot
Church, John Henry
Edgeloe, Victor Allen
Fairweather, Edna May
Fehlberg, Tasman Julius August
Fishburn, Thomas Harold
Fulton, Gwen Evelyn Hamilton
Glastonbury, James Oliver Garnet, B.Sc.
Habich, Carl Gerhard
Jenkin, Alfred John Roseland
Koehne, Raymond Percy
Lamey, Charles Sydney
McDonald, Percy William
McLean, Reginald Alexander
Menz, Emmi Margarete
Oats, William Nicolle
Richards, William Edward
Searle, Hartley Malcolm
Slee, Dugald Haughton, B.Sc.
Sweeney, Mary Ryan

Degree of Doctor of Science:

Prescott, James Arthur, M.Sc.

Degree of Master of Science:

Beck, Alan Beavis, B.Sc.
Cox, Alwyn Birchmore, B.Sc.
Gurney, Harold Cyril, B.Sc.

Honours Degree of Bachelor of Science:

Grant, Colin Kerr, B.Sc.

Degree of Bachelor of Science:

Barnes, Thomas Alfred
Bennett, David John
Booth, Edward Stirling

Cromer, D'Arcy Ananda Neil
Forder, Douglas Highmoor
Gare, Lloyd
Guinand, Andrew Paul
Jones, Albert Walter
Lee, Hector John
LeMessurier, David Hugh
Magarey, Kathleen de Brett, B.A.
Meyer, Heinerich Carl
Moore, Humphrey Owen
Parker, Cecil David
Price, James Robert
Seppelt, Ian Howe
Smith, Raymond Thomas
Swanson, Thomas Baikie
Tindale, Norman Barnett

Degree of Bachelor of Agricultural Science:

Elliott, Kenneth Alexander
Herriot, Robert Irvine

Degree of Master of Engineering:

Gibb, Claude Dixon, B.E.
Robin, Rowland Cuthbert, B.E.
Stobie, James Cyril, B.E.

Degree of Bachelor of Engineering:

Beaney, Harold Leigh
Colebatch, Gordon Thomas
Corbin, Clive Wilson
Finlayson, Allan Harvey
Hallett, Harold Sinclair
Henderson, Eric Malcolm
James, Clarence Keith
O'Malley, Charles Ernest Denis
Paterson, Keith McGregor
Sharpe, Edmund John
Tanner, Garnet Albert
Thomas, David John Saint
Ward, Leonard Rosslyn
White, William Richard Bolitho
Yates, Colin

Degree of Doctor of Music:

Burnard, David Alexander, Mus.Bac.

Degree of Bachelor of Music:

Finnis, Horace Percy, M.A.
Pryor, Cecilia Marie

The following graduates of other Universities were admitted *ad eundem gradum*:—

Degree of Doctor of Medicine:

Crozier, John Edwin Digby, M.D. (Camb.)

Degree of Bachelor of Dental Surgery:

Begg, Percy Raymond, B.D.Sc. (Melb.)

Degree of Master of Arts:

Evans, John William, M.A. (Camb.)
Symon, Charles James Ballaarat, M.A. (Oxon.)

Degree of Bachelor of Arts:

Cudmore, Collier Robert, B.A. (Oxon.)

The following Diplomas were conferred:—

Diploma in Applied Science:

Beaney, Harold Leigh
Colebatch, Gordon Thomas
Corbin, Clive Wilson
Finlayson, Allan Harvey
Hallett, Harold Sinclair
Henderson, Eric Malcolm
James, Clarence Keith
O'Malley, Charles Ernest Denis
Paterson, Keith McGregor
Saddler, Bruce Allder, B.E.
Sharpe, Edmund John
Tanner, Garnet Albert
Thomas, David John Saint
Turner, Edward Robert, B.E.
Ward, Leonard Rosslyn
White, William Richard Bolitho
Yates, Colin

Diploma in Primary Education:

Fitzgerald, Bartholomew John, B.A.

Diploma in Commerce:

Bramwell, Horace Gordon
Bridgland, Lionel Cedric
Cox, Charles Wylde
Dermott, Alice May
Downs, Claude Edmund
Easson, Leonard John
Fisher, Harold Henry
Johnson, Harry Witter
Kelsey, Jack
Kennedy, Mervyn George
Ransom, William Robert George
Riches, Robert Wilfred
Schneider, Wilfred, B.E.
Turner, Arthur Frederick
Vincent, Harry

Diploma in Public Administration:

Coombe, Albert
Craker, Arthur Ernest
Pope, Hugh Gilmore
Slade, James Henry Gray

On the 5th December the Diploma of Associate in Music was conferred upon:—

Finch, Laura Evelyn
Reimann, Leta Edith

XXIII. Accounts.

An abstract, duly audited, of the income and expenditure during the year 1932 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 1932.

Signed on behalf of the Council,

G. J. R. MURRAY,
Chancellor.

Adelaide,
31st January, 1933.

BIBLIOGRAPHY FOR 1932.

OF PUBLICATIONS BY MEMBERS OF THE UNIVERSITY STAFF.

BEGG, PERCY RAYMOND, B.D.Sc. (Melb.), Lecturer on Orthodontics.

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BROWN, GILBERT, M.B., Ch.B. (Liverpool), Instructor in Anaesthetics.

Premedication with the barbiturates. Med. jour. of Aus., 1932, vol. 2, 437-46.

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The luminous radiator. Elect. rev., 110 (1932), 80.

CLELAND, JOHN BURTON, M.D. (Syd.), Marks Professor of Pathology.

Anthropological expedition to Central Australia. Med. jour. of Aus., 1931, vol. 2, 793-6.

Australian fungi: notes and descriptions, no. 8. Roy. Soc. S. Aus. Trans., 55 (1931), 152-60.

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DAWBARN, MARY CAMPBELL, M.Sc., Chemist, Animal Products Research Foundation.

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FENNER, CHARLES ALBERT EDWARD, D.Sc., Lecturer on Geography.

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FINLAYSON, HEDLEY HERBERT, Assistant Lecturer and Demonstrator in Chemistry.

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MACBETH, ALEXANDER KELLEN, M.A. (St. And.), D.Sc. (Belf.), F.I.C., M.R.I.A., Angas Professor of Chemistry.

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Financial Statements.

1932.

THE UNIVERSITY

Account of Income and Expenditure for the year which ended on the 31st and 38 Victoria

INCOME.	£ s. d.	£ s. d.
H.M. Government of South Australia—		
Annual Subsidy on Endowments (excluding Subsidy on Peter Waite Endowment shown elsewhere)	15,000 0 0	
Annual Statutory Grant	4,000 0 0	
Annual Grant	14,000 0 0	
Grant for Night Classes	3,000 0 0	
Subsidy to Pathological Department	600 0 0	
		36,600 0 0
Fees—		
Schools of Arts and Science, Evening Classes, and Public Examinations	13,477 3 4	
School of Law	1,970 3 6	
School of Medicine	5,363 13 0	
School of Dentistry	731 10 0	
School of Music—		
Mus.Bac. Course and Elder Conservatorium £3,459 17 9		
Concerts 132 3 6		
	3,592 1 3	
Public Examinations in Music	896 0 11	
Diploma in Commerce	1,468 1 0	
		27,498 13 0
Adelaide Hospital—		
Honorary Staff	920 19 0	
Dental Hospital	175 0 0	
		1,095 19 0
Interest		13,406 11 11

Forward	78,601 3 11

OF ADELAIDE.

December, 1932, *furnished in compliance with the* 18*th Section of Act* 87 (*No.* 20 *of* 1874).

EXPENDITURE.	£ s. d.	£ s. d.
Schools of Arts and Science—		
Salaries	22,352 17 10	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc., for Degree and Public Examinations	3,685 15 3	
Lecture Fees to School of Mines	439 8 4	
Fees to School of Design	60 3 9	
Physical Laboratory	327 0 4	
Chemical Laboratory	537 19 11	
Engineering Department	115 14 0	
Geological Laboratory	61 2 10	
Botanical Laboratory	42 8 1	
Koonamore Botanical Reserve	93 14 4	
		27,716 4 8
School of Law—		
Salaries	1,494 0 0	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc.	80 8 8	
		1,574 8 8
School of Medicine—		
Salaries	9,086 17 0	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc.	103 16 7	
Anatomical Department	247 4 7	
Physiological Laboratory	187 16 6	
Pathological Laboratory	68 0 5	
Zoological Laboratory	109 1 9	
Biochemical Laboratory	69 13 10	
		9,872 10 8
School of Dentistry—		
Salaries	768 19 6	
Other Expenses—		
Additional Examiners, Printing and Advertising ..£12 0 7		
Sundries 1 4 8		
	13 5 3	
		782 4 9
Adelaide Hospital (Students' Fees)—		
Honorary Staff	920 19 0	
Dental Hospital	175 0 0	
		1,095 19 0
Forward		41,041 7 9

	£ s. d.	£ s. d.
Brought forward		78.601 3 11
Rent—Globe Chambers	850 0 0	
Sundries	1 18 9	
		851 18 9
Calendar—		
Received on Sale of Calendars		114 16 5
Testing Fees		228 17 6
Pharmaceutical Society of S.A.:		
Grant for Pharmacy Classes		450 0 0
Scholarships—Refunds		155 5 0
Public Lectures, Physics Department—(Net)		10 10 8
Balances carried to Scholarships and other Accounts (net)		282 15 5
Forward		80,695 7 8

	£ s. d.	£ s. d.
Brought forward		41,041 7 9
School of Music and Elder Conservatorium—		
Salaries	5,405 13 11	
Other Expenses—		
Concert Account £177 19 6		
Examiners 44 0 3		
Advertising, Printing, Gas, Scholars' Fees, Music, and Sundries 254 7 7		
Tuning Organ and Pianos 64 5 0		
	540 12 4	
		5,946 6 3
Public Examinations in Music—		
Examiners' Expenses and Fees	370 8 5	
Advertising and Printing	52 6 7	
Sundries—Expenses Local Centres, etc.	241 17 10	
Scholars' Fees	138 6 8	
Opera Performances	330 1 9	
		1,133 1 3
Diploma in Commerce—		
Lecturers' Salaries	996 19 6	
Printing, etc.	35 11 0	
		1,032 10 6
Joseph Fisher Lecture and Medal—		
Printing Lecture		32 3 8
Scholarships and Prizes—		
Angas Engineering Scholarship and Exhibition	260 0 0	
Dr. Davies-Thomas Scholarship	20 0 0	
Andrew Scott Memorial Prize	6 0 0	
David Murray Scholarships	70 16 8	
John L. Young Scholarship for Research	50 0 0	
Hartley Studentship	25 0 0	
Tinline Scholarship	30 0 0	
R. Barr Smith Prize	10 0 0	
Keith Sheridan Prize Fund	1 11 1	
Bundey Prize for English Verse	10 0 0	
Elder Prizes	10 0 0	
Thornber Bursary	22 0 0	
St. Alban Scholarship	15 0 0	
John Creswell Scholarship	92 8 0	
Eric Smith Scholarship	47 15 6	
Eugene Alderman Scholarship	37 0 0	
Clark Memorial Prize	12 10 0	
Everard Scholarship	30 0 0	
Roby Fletcher Prize	10 0 0	
George Thompson Bursary	7 7 0	
Forward	767 8 3	49,135 9 5

	£	s	d.
Brought forward	80,695	7	8

Forward	80 695	7	8

	£ s. d.	£ s. d.
Brought forward	767 8 3	49,185 9 5
Miss Martin's Old Scholars' Prize	4 18 0	
Robert Whinham Prize	5 0 0	
James Gartrell Prize	10 0 0	
Ernest Ayers Scholarship	120 0 0	
Archibald Mackie Bursary	8 18 6	
Stow Prizes and Medals	30 0 0	
Tennyson Medals	20 5 0	
Gosse Medal	3 10 11	
Mining and Metallurgical Bursaries	120 0 0	
Hoffmann La Roche Prize	20 0 0	
B.M.A. (Section of Clinical Medicine) Prize in Medicine	5 5 0	
		1,115 5 8
Registrar's Department, Caretakers, etc.		4,872 15 0
Library—Salaries		1,202 2 10
Retired List		904 10 0
Senate		10 9 5
Stationery		244 6 10
Buildings—Repairs, Additions, and Alterations		1,173 7 7
Improvements to Site		867 6 4
Miscellaneous Expenses—		
Advertising, Printing, House Sundries, Auditor's Fees, etc.	609 18 2	
Petty Cash	256 3 3	
Insurance Premiums	233 16 3	
Telephone Charges	370 2 11	
Gas, Water, and Electric Supply	1,101 10 2	
		2,571 10 9
Trustees of the Sports Ground		800 0 0
Students' Loan Fund		100 0 0
Superannuation Fund		2,000 0 0
Calendar—		
Printing		526 0 10
Exchange on remittances to London		348 3 2
Printing Account—		
Library Exchanges		75 0 0
Removal of Books to New Library		96 3 5
Forward		66,092 11 3

	£ s. d.	£ s. d.
Brought forward		80,695 7 8

Waite Agricultural Research Institute—

H.M. Government—Subsidy on Waite Endowments		5,000 0 0	
Grant under Agriculture Act		10,500 0 0	
Contributed by Council for Scientific and Industrial Research for Soils Investigations		970 0 0	
Interest—			
Peter Waite Trust Fund	£2,344 1 4		
Other Accounts	143 4 8		
		2,487 6 0	
Sundry Sales, Rents, etc.		406 11 9	
	Forward	19,363 17 9	
	Forward		80,695 7 8

	£ s. d.	£ s. d.
Brought forward		66,092 11 3
Interest—		
S.A. Orchestra	9 11 9	
S.A. Orchestra—Endowment Fund	30 16 10	
Students' Union Room Fund	29 16 0	
Animal Products Research Foundation	503 3 0	
Insurance Deposits, Medical Students	7 10 0	
Waite Agricultural Research Institute	143 4 8	
Journal of Experimental Biology	200 0 0	
Rose Grainger Orchestral Fund	39 6 6	
Cancer Research Donations	351 10 10	
Anti-Cancer Campaign Endowment A/ct.	26 1 8	
Superannuation Fund	343 10 4	
Building Fund Reserve Account	471 9 7	
Joint Committee of Tutorial Classes—Carnegie Corporation Grant	32 17 9	
Sir Langdon Bonython's Gifts—Endowment: Great Hall	1,667 3 4	
Special Donation	51 3 8	
		3,907 5 11
Sheridan Bequest—		
Expended	518 13 6	
Balance forward	637 9 5	
		1,156 2 11
Building Fund Reserve Account		3,000 0 0
Waite Agricultural Research Institute—		
Expended during Year—		
Salaries £9,580 17 0		
Maintenance 3,547 3 2		
Equipment 2,060 6 5		
Contributions to Mineral Deficiency Investigation Fund—		
Maintenance Account (see Contra) 812 10 0		
	16,000 16 7	
Proportion of Reduction of Government Grant	1,400 0 0	
Balance forward	1,963 1 2	
Forward	19,363 17 9	
Forward		74,156 0 1

	£ s. d.	£ s. d.
Brought forward		80,695 7 8
Waite Agricultural Research Institute—(Continued)—		
Brought forward	19,363 17 9	
Mineral Deficiency Investigation Fund—		
Maintenance Account—		
Grant by Empire Marketing Board £1,470 3 5		
Contributed by Council for Scientific and Industrial Research 827 5 0		
Contributed by Waite Institute (see Contra) 812 10 0		
Balance forward 1,312 1 11		
	4,422 0 4	
Thrips Investigations—		
Contributed by Council for Scientific and Industrial Research	35 1 11	
Plant Investigations—		
Contributed by Council for Scientific and Industrial Research	302 12 7	
		24,123 12 7
Adjustment — Proportion of Reduction of H.M. Government Grants borne by		
Waite Agricultural Research Institute ..	1,400 0 0	
Joint Committee—Tutorial Classes	225 0 0	
		1,625 0 0
Contributions to date towards labour costs of Johnson Chemistry Building, through Government Unemployment Relief Council		3,861 12 0
		£110,305 12 3

A. W. BAMPTON,
Accountant.

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of the University of Adelaide in respect to the year which ended on the 31st day of December, 1932, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named. No apportion-

	£ s. d.	£ s. d.
Brought forward		74,156 0 1
Waite Agricultural Research Institute—(Continued)—		
Brought forward	19,363 17 9	
Mineral Deficiency Investigation Fund—		
Maintenance Account—		
Expended during Year—		
Salaries £3,624 5 3		
Equipment, Materials, Chemicals, etc. .. 797 15 1		
	4,422 0 4	
Thrips Investigations—		
Expended during Year	35 1 11	
Plant Investigations—		
Expended during Year .. £299 5 2		
Balance forward 3 7 5		
	302 12 7	
		24,123 12 7
Expended during 1932 on Capital Accounts:—		
Library Books	1,755 12 1	
Apparatus and Equipment	639 0 0	
Furniture	182 11 7	
		2,577 3 8
Johnson Chemistry Building—Expended to Date		9,010 8 2
Balance		438 7 9
		£110,305 12 3

ment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1932.

JAMES COUNSELL, Chartered Accountant (Aust.),
R. M. STEELE, Chartered Accountant (Aust.), } Auditors.

Adelaide, 14th January, 1933.

THE UNIVERSITY

Statement showing the Actual Financial Position

Dr.	£	s.	d.	£	s.	d.
ENDOWMENTS, GIFTS, ETC.—						
Sir W. W. Hughes (Arts and Science) ..	20,000	0	0			
Sir T. Elder (Arts and Science)	20,000	0	0			
Sir T. Elder (Medical School)	30,000	0	0			
Sir T. Elder (Music School)	20,000	0	0			
Sir T. Elder (General Purposes)	25,000	0	0			
The Hon. Sir Langdon Bonython (for Great Hall)	43,733	16	8			
The Hon. Sir Langdon Bonython (Law School)	20,000	0	0			
T. E. Barr Smith (for Library Building)	34,718	14	10			
Barr Smith Library Fund	20,105	19	11			
Jane Marks Bequest	30,000	0	0			
Keith Sheridan Bequest	20,923	2	11			
Family late John Darling (for Darling Building)	15,000	0	0			
Mrs. G. A. Jury (Chair in Literature) ..	12,000	0	0			
Hon. J. H. Angas (Chair in Chemistry) ..	6,000	0	0			
Hon. J. H. Angas (Engineering Scholarship)	4,000	0	0			
Sir Josiah Symon (for Lady Symon Building)	9,500	0	0			
Sir Joseph Verco — Medical Science Research	5,000	0	0			
Public Donations to Students' Union Building	15,860	10	3			
Public Donations — Animal Products Research Fund	7,073	10	0			
Public Donations for Buildings	1,890	5	0			
Public Donations—Evening Classes ..	1,220	0	0			
Public Donations	600	3	0			
David Murray Scholarships	2,000	0	0			
John Creswell Memorial Scholarships ..	1,300	0	0			
Scholarships for Research in Botany and Forestry	1,236	0	0			
Right Hon. Sir S. J. Way Bequest	1,277	1	8			
Dr. Charles Gosse Lectureship	1,125	0	1			
Hon. Sir George Murray (Donation for Buildings)	1,000	0	0			
Everard Scholarship	1,000	0	0			
Joseph Fisher (Commercial Education)	1,000	0	0			
Tinline Scholarship	1,000	0	0			
John L. Young Scholarship for Research	1,000	0	0			
Rose Grainger Orchestral Fund	1,037	11	1			
S.A. Orchestra—Permanent Fund ..	452	0	0			
S.A. Commercial Travellers' Association:						
Eric Smith Scholarship .. £650 0 0						
Archibald Mackie Bursary 100 0 0						
	750	0	0			
Forward	376,803	15	5			

OF ADELAIDE.

in respect to Capital as on 31st December, 1932.

	£ s. d.	£ s. d.
INVESTMENTS OF ENDOWMENTS—		
In Australian Consolidated Inscribed Stock (at par)	292,287 16 11	
In English, Scottish, and Australian Bank, Limited (at par)	6,230 0 0	
In Books, Barr Smith Library	9,105 19 11	
In Barr Smith Library Building and Furniture: Expended to Date ..	33,681 5 3	
In Globe Chambers	18,420 0 0	
In Landed Estate, Northern Territory ..	288 0 0	
In Main Building, Fittings, etc.	49,773 6 4	
In Engineering and Physics Building ..	48,781 3 0	
In Elder Anatomical Building	8,596 3 2	
In Prince of Wales Building	15,878 4 2	
In Elder Conservatorium	20,140 6 9	
In Darling Building	40,526 17 3	
In Elementary Chemical Laboratory ..	3,678 8 11	
In Lady Symon Building	9,500 0 0	
In Students' Union Refectory and Equipment	14,890 13 2	
In Waymouth Street Property (unvalued)		
	————	571,778 4 10

Forward 571,778 4 10

ENDOWMENTS, GIFTS, ETC.—*Continued.*	£	s.	d.	£	s.	d.
Brought forward	376,803	15	5			
Elizabeth Jackson Memorial	750	0	0			
Eugene Alderman Memorial Fund	740	0	0			
Anti-Cancer Campaign Endowments	652	11	0			
Hartley Studentship	600	0	0			
Botanical Laboratory (Miss Julia Stuckey)	503	3	0			
Stow Prizes and Scholarship	500	0	0			
John Howard Clark Scholarship	500	0	0			
John Bagot Prize and Medal	500	0	0			
A. M. Simpson Library in Aeronautics	500	0	0			
Barbara Agnes Ayers Bequest	500	0	0			
Dr. E. W. Way Lectureship on Gynaecology	473	1	3			
Keith Sheridan Prizes Endowment	452	1	2			
Thornber Bursary	450	0	0			
Dr. Davies-Thomas Scholarship	400	0	0			
Rennie Research Endowment	317	8	11			
Alexander Clark Memorial Prize	255	0	0			
Bundey Prize	200	0	0			
John Lorenzo Young Scholarship	300	0	0			
James Gartrell Prize	200	0	0			
Roby Fletcher Scholarship	160	0	0			
St. Alban Scholarship	150	0	0			
R. Barr Smith Prize for Greek	150	0	0			
Miss Martin's Old Scholars' Prize	150	0	0			
George Thompson Bursary	150	0	0			
Tormore Old Scholars' Prize	130	0	0			
Andrew Scott Memorial	115	0	0			
Tennyson Medals	100	0	0			
Lister Prize	100	0	0			
T. E. Barr Smith League of Nations Essay Prize	100	0	0			
Robert Whinham Prize	84	9	6			
Kate Helen Weston Endowment	67	10	0			
Tate Memorial Medal	60	0	0			
Hughes Statue Maintenance Fund	50	0	0			
Rev. Jas. Jefferis Memorial	50	0	0			
Mark Mitchell for Periodicals	50	0	0			
Elizabeth Jackson Bequest	30	0	0			
Executors of R. L. Johnson: Waymouth Street Property (unvalued)						
	387,294	0	3			
Original Grant of Country Lands from H.M. Government and resold to them	40,000	0	0			
H.M. Government (Contribution to Buildings)	77,428	11	8			
Contributed from Income	67,055	12	11			
				571,778	4	10
Forward				571,778	4	10

	£ s. d.	£ s. d.
Brought forward		571,778 4 10

Forward	571,778 4 10

	£	s.	d.	£	s.	d.
Brought forward				571,778	4	10
WAITE AGRICULTURAL RESEARCH INSTITUTE—						
Endowment, Peter Waite	100,164	17	2			
Premium on Conversion of Stock held by Trustees	1,678	2	11			
Various Benefactors	2,605	10	0			
Contributed from Waite Income	29,670	15	9			
Contributed by Council for Scientific and Industrial Research for Plant Pathology House	1,649	19	0			
Contributed by Commonwealth Bank of Australia towards Cost of Plant Culture House, Insectary, etc.	2,500	0	0			
Laboratories—						
John Melrose Laboratory						
John Darling Laboratory						
Endowments—						
Sir John Melrose £10,000	0	0				
Family late John Darling 10,000	0	0				
J. T. Mortlock 2,000	0	0				
Contributed by Empire Marketing Board 3,000	0	0				
Contributed by Council for Scientific and Industrial Research—						
Mineral Deficiency Fund 1,500	0	0				
Soils Investigation Fund 1,500	0	0				
Contributed from Waite Income 3,000	0	0				
	31,000	0	0			
				169,269	4	10
Contributions to date towards labour costs of Johnson Chemistry Building by Unemployment Relief Council	3,861	12	0			
Sheridan Grave Maintenance Endowment	100	0	0			
Sundry Balances—						
Building Fund Reserve	16,258	19	11			
Superannuation Fund	10,932	2	10			
Reserve Fund for Pianos	1,000	0	0			
Redemption of Stock Account Balance	4,565	18	11			
Sundry Credit Balances—						
Scholarships— £	s.	d.				
Lowrie Scholarships 30	0	0				
David Murray Scholarships 465	16	8				
J. L. Young Scholarship 27	10	0				
John Lorenzo Young Scholarship 10	0	0				
John Bagot Scholarship 140	12	4				
Eugene Alderman Scholarship 67	19	10				
Alex. Clark Memorial Prize 13	3	0				
Tormore Old Scholars Prize 18	0	0				
Forward 773	1	10	36,718	13	8	741,047	9	8

	£ s. d.	£ s. d.
Brought forward		571,778 4 10
WAITE AGRICULTURAL RESEARCH INSTITUTE—		
Urrbrae, Claremont, and Netherby Estates, and Waite Park	41,954 10 5	
Peter Waite Trust Fund (of which Elder's Trustee and Executor Co., Ltd., are Trustees)	60,293 0 1	
Plant Pathology House	1,649 19 0	
New Buildings and Additions	4,637 0 5	
Plant Culture House, Insectary, etc.	5,714 5 8	
Equipment	24,020 9 3	
Laboratories—		
John Melrose Laboratory £16,473 16 11		
John Melrose Laboratory —Fittings 2,258 1 1		
John Darling Laboratory 9,811 17 3		
John Darling Laboratory —Fittings 1,972 19 1		
30,516 14 4		
Deposit at Treasury 483 5 8		
	31,000 0 0	
		169,269 4 10
INVESTMENT OF SUNDRY BALANCES—		
Australian Consolidated Inscribed Stock (at par)	59,502 3 1	
SUNDRY ACCOUNTS—		
Deposit at Treasury	15,396 12 3	
Mineral Deficiencies Investigations	2,000 4 6	
Waymouth Street Property Account	137 4 8	
Johnson Chemistry Building—		
Expended to date	9,010 8 2	
Sundry Debit Balances	53 19 5	
Cash and Other Balances—		
In Bank of Adelaide (Current Account) £3,054 0 10		
Less Cheques Outstanding 187 18 3		
2,866 2 7		
In hands of Agent-General for S.A. in London 665 14 1		
In hands of the Accountant 25 0 0		
	3,556 16 8	
		89,657 8 9
Forward		830,704 18 5

	£ s. d.	£ s. d.	£ s. d.
Brought forward		36,718 13 8	741,047 9 8
Sundry Credit Balances—*Continued.*			
Brought forward	773 1 10		
Miss Martin's Old Scholars Prize	4 5 8		
League of Nations Prize	35 0 0		
Ernest Ayers Scholarship in Botany	180 0 0		
Sheridan Prizes	30 19 3		
Commercial Education	500 0 0		
Library Account Balances—			
A. M. Simpson Library Account	29 14 3		
Elizabeth Jackson Memorial	176 2 4		
British Medical Association	56 3 11		
Waite Research Institute—			
Income Account	6,370 5 6		
Council for Scientific and Industrial Research—			
Plant Investigations	20 0 0		
Joint Committee—			
Tutorial Classes	390 13 3		
Carnegie Foundation Grants	1,225 4 6		
Public Examinations in Music	1,024 19 1		
Fences Account — Unexpended	319 1 5		
S.A. Orchestra Fund	308 12 9		
Sheridan Bequest	6,817 7 7		
Anti-Cancer Campaign	9,738 16 9		
Anthropological Research	173 13 0		
Journal of Experimental Biology	99 1 0		
Hughes Statue Maintenance Fund	22 5 0		
Students'Insurance Deposits	242 16 0		
Gastro-Enteritis Investigation Fund	41 7 11		
Caretakers' Fees	6 18 4		
Students' Loan Fund	574 13 10		
Extension Lectures	9 0 10		
Library Exchanges Printing Account	95 14 0		
Sheridan Family Grave Maintenance Account	5 14 0		
Forward	29,271 12 0	36,718 13 8	741,047 9 8

	£ s. d.
Brought forward	830,704 18 5
Forward	830,704 18 5

	£ s. d.	£ s. d.	£ s. d.
Brought forward		36,718 13 8	741,047 9 8
Sundry Credit Balances—*Continued.*			
Brought forward	29,271 12 0		
Colloidal Lead Investigations Account	53 9 3		
Escarpment Garden	90 15 9		
Sir Langdon Bonython — Donation—Balance	1,626 19 2		
Animals Products Research Foundation	95 14 8		
Public Examinations—Unpaid examiners' fees	2,080 3 0		
Hoffman La Roche Prize Account	10 0 0		
Pharmaceutical Society of S.A.	130 0 0		
		33,358 13 10	
Contributed from Income		19,580 1 3	
			89,657 8 9
UNIVERSITY SITE—			
Grant of Land by South Australian Government—Nominal Value		5,000 0 0	
Special Donations:			
For Fences—			
R. Barr Smith	400 0 0		
Hon. Sir John Duncan } W. H. Duncan }	250 0 0		
Sir Walter Young	1,000 0 0		
		1,650 0 0	
For other improvements:—			
The Misses Lily and Eva Waite	150 0 0		
The Chancellor (Hon. Sir George Murray)	2,000 0 0		
		2,250 0 0	
			8,900 0 0
CONTRIBUTED FROM INCOME towards the Equipment, etc., of the University		75,039 19 11	
Donations by R. Barr Smith		1,010 0 0	
Government Grant Expended on Equipment		1,345 8 4	
			77,395 8 3
			£917,000 6 8

A. W. BAMPTON,
Accountant.

We report that we have examined the above statement purporting to show the financial position of the University of Adelaide in respect of Capital Funds as on the 31st day of December, 1932, 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 state-

	£ s. d.	£ s. d.	£ s. d.
Brought forward			830,704 18 5
UNIVERSITY SITE—			
Land—Nominal Value		5,000 0 0	
Expended on Fences	1,330 18 7		
Balance	319 1 5		
		1,650 0 0	
Expended on planting escarpment, etc.	159 4 3		
Balance	90 15 9		
		250 0 0	
Expended		2,000 0 0	
			8,900 0 0
EQUIPMENT—			
Library Books and Binding		30,399 3 4	
Laboratory Equipment and Apparatus ..		30,461 19 0	
Museum Exhibits, etc.		487 17 2	
Furniture		12,692 13 0	
Organ—Conservatorium		1,541 10 11	
Installation of Electric Light		1,812 4 10	
			77,395 8 3
			£917,000 6 8

ment is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and not payable on the said 31st day of December, 1932. 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.

JAMES COUNSELL, Chartered Accountant (Aust.),
R. M. STEELE, Chartered Accountant (Aust.), } Auditors.

Adelaide, 14th January, 1933.

STATEMENT OF ACCOUNTS OTHER THAN

Dr.

	£ s. d.	£ s. d.
BRITISH MEDICAL ASSOCIATION (S.A. Branch)—		
Donations to Library to 31st December, 1932		1,250 0 0
TUTORIAL CLASSES: *Workers' Educational Association of S.A.*—		
Balance (unexpended) 1st January, 1932	975 5 0	
Grant by H.M. Government of S.A.— Received during 1932	2,250 0 0	
Grant by Workers' Educational Association	183 12 0	
Grant from Carnegie Foundation and Interest	866 4 5	
		4,275 1 5
A. M. SIMPSON LIBRARY IN AERONAUTICS—		
Balance (unexpended) 1st January, 1932	41 11 7	
Interest to 31st December, 1932	25 0 0	
		66 11 7
PUBLIC LECTURES—		
Balance 1st January, 1932	13 15 5	
Fees received during 1932	43 16 0	
		57 11 5
		£5,649 4 5

CAPITAL AND INCOME FOR THE YEAR 1932.

Cr.

	£ s. d.	£ s. d.
BRITISH MEDICAL ASSOCIATION—		
Expended on Books	1,193 16 1	
Balance (unexpended), 31st December, 1932	56 3 11	
		1,250 0 0
TUTORIAL CLASSES: *Workers' Educational Association of S.A.*—		
Salaries and Travelling Expenses: Director and Tutors	1,950 1 6	
Expended on Books, etc.	460 6 3	
Expended on Furniture and Fittings—Library	23 15 11	
Proportion of Reduction of Government Grant for Six Months	225 0 0	
Balance (unexpended), 31st December, 1932	1,615 17 9	
		4,275 1 5
A. M. SIMPSON LIBRARY IN AERONAUTICS—		
Expended on Books	36 17 4	
Balance (unexpended), 31st December, 1932	29 14 3	
		66 11 7
PUBLIC LECTURES—		
Expended during 1932	48 10 7	
Balance (unexpended), 31st December, 1932	9 0 10	
		57 11 5
		£5,649 4 5

PASS LISTS.

MARCH EXAMINATIONS, 1932.

DEGREE OF LL.B.

(In order of merit.)

ELEMENTS OF LAW AND LEGAL AND CONSTITUTIONAL HISTORY. (110.)

Second Class:

Kinnane, Alexander John

Third Class:

Lloyd, Enid Patricia
Whitington, Richard S.
Harry, Richard Varley
Dawe, Reginald Stanley
MacKay, Alan Justin

LAW OF CONTRACTS. (111.)

Third Class:

Hunkin, Leonard Dale
Mullen, Brian Anthony
Clark, John Osborne
Dawe, Reginald Stanley

LAW OF PROPERTY, PART I. (112.).

Second Class:

Davis, Raymond William

Third Class:

Sergeant, Maxwell Stuart
Glynn, Brian McMahon
Puddy, Albert Forwood
Hunkin, Leonard Dale
Tuck, Bernard Geoffrey

LAW OF PROPERTY, PART II. (112a.).

Third Class:

Smith, John Jeffreys
Judell, Vivienne
Connelly, James M. P.
Foale, Harold Robert
Worth, Frank Lindsey

LAW OF WRONGS. (113.)

Third Class:

Linn, Beryl Eileen
Habib, Jack Peter

LAW OF EVIDENCE AND PROCEDURE. (114.)

Third Class:

McGee, Edward Patrick
Abbott, Herbert Lewis
Whimpress, Thomas Abraham

CONSTITUTIONAL LAW. (115.)

Third Class:

Magarey, Ashley Henderson

ROMAN LAW. (116.)

Third Class:

Robertson, Donald Alexander

JURISPRUDENCE. (117).

Third Class:

Hay, Frederick Dean

DEGREES OF M.B. AND B.S.

(Passed, but not classified.)

FIRST EXAMINATION (First Year).

BOTANY AND PHYSICS:
Brummitt, Donald William

BOTANY AND CHEMISTRY:
Smith, Gavin Viner

ZOOLOGY:
Goode, Henry Arthur

IN JUNE:

PHYSICS:
Greenlees, Rollo — Woods, Charles William G.

Thus completing the First Examination.

THIRD EXAMINATION (Third Year).

BIOCHEMISTRY:
Barbour, John Russell — Clarkson, Alan James
Baudinet, Walter Hooper

ANATOMY:
Holland, Lulu Eileen

Thus completing the Third Examination.

BIOCHEMISTRY:
Hendrickson, Douglas Buxton

DEGREE OF B.D.S.

(Passed, but not classified.)

SECOND EXAMINATION (Second Year).

PHYSIOLOGY AND BIOCHEMISTRY AND JUNIOR DENTAL ANATOMY:
Sands, Desmond Montague Willington

JUNIOR DENTAL ANATOMY:
Clarke, Harold Vernon — Randle, Florence L. Miller

Thus completing the Second Examination.

THIRD EXAMINATION (Third Year).

SENIOR DENTAL ANATOMY:
Funder, Anne Cathrine

Thus completing the Third Examination.

DEGREE OF MUS.BAC.

(Passed, but not classified.)

THIRD EXAMINATION.

CANON AND FUGUE:
Pryor, Cecilia Marie

Thus completing the Third Examination.

HONOURS DEGREE OF BACHELOR OF SCIENCE.

PHYSICS. (41.)
Second Class:
Iliffe, Michael Isaac Glover — Thyer, Robert Francis

DEGREES OF B.A., B.Sc., AND B.E.

(Passed, but not classified.)

ENGLISH LANGUAGE AND LITERATURE. (7.) SECOND COURSE.
Taylor, Herbert Richard

FRENCH. (9.) THIRD COURSE.
Painter, Rowland George

PHYSICS I. (37.)
Thomas, Jack

PHYSICS. (38a.) SECOND YEAR, B.E. COURSE.
Duncan, Raymond Adamson

CHEMISTRY I. (45.)
Kendall, Lionel Frederick — Mitchell, Thomas Oliver

ORGANIC CHEMISTRY. THIRD YEAR. THEORETICAL. (52.)
Lee, Hector John

GEOLOGY I. (55.)
Brown, Cyril Maitland Ash

ZOOLOGY I. (65.)
Mitchell, Thomas Oliver

ELECTRICAL ENGINEERING I. (85a.)
Colebatch, Gordon Thomas

ELECTRICAL ENGINEERING II. (85.)
Cropley, Frederick Waterton

DESIGN OF STRUCTURES II. (89.)
Colebatch, Gordon Thomas — Shnukal, Jack

SURVEYING II. (107a.)
Colebatch, Gordon Thomas

ARCHITECTURAL DESIGN II. (109c.)
Dawkins, Lindsay Cramp — Lloyd, Thomas Rex Viner

DEGREE OF B.Ag.Sc.

SECOND-YEAR WORK. (Roseworthy Agricultural College.)

Passed (in alphabetical order):

Day, Gordon Philip
Hutton, Edward Mark
McBain, Norman John

MAY EXAMINATIONS.

DEGREES OF M.B. AND B.S.

FINAL EXAMINATION (SIXTH YEAR).

Passed (in alphabetical order):

Andrews, Julian
Cowden, Kenneth L. Brooke-
Godlee, Theodore

ANNUAL EXAMINATIONS, NOVEMBER, 1932.

FACULTY OF ARTS.

DEGREE OF DOCTOR OF LETTERS.

Thesis:

Price, Archibald Grenfell, M.A.

DEGREE OF MASTER OF ARTS.

Thesis:

Biaggini, Ernest Gordon, B.A.

HONOURS DEGREE OF BACHELOR OF ARTS.

MODERN HISTORY. (13.)

First Class:

Mounster, Valerie Luella, B.A.

PHILOSOPHY. (24.)

Second Class:

Harrison, Walter, B.A.

ORDINARY DEGREE OF BACHELOR OF ARTS.

GREEK. (1.) FIRST COURSE.

Passed with Credit:

Allen, James Lawrence

Passed (in alphabetical order):

Field, Frederick Laurence
McFarlane, John Preiss

Awarded the Barr Smith Prize: Allen, James Lawrence

GREEK. (1.) SECOND COURSE.

Passed with Credit (in order of merit):

Allen, James Lawrence — Radcliff, Joanna Clare

Passed:

Were, John Owen

GREEK. (1.) THIRD COURSE.

Passed with Credit (in order of merit):

Williams, Donald Carter — Polkinghorne, Noel Francis

Passed (in alphabetical order):

Martin, Amalia Anna, B.A. — Swan, Alan Keith

LATIN. (2.). FIRST COURSE.

Passed with Credit (in order of merit):

Allen, James Lawrence — Isom, Constance Ruth

Passed (in alphabetical order):

Andersén, Kerstin Lillemor
Andres, Florence Fay
Badenoch, Reginald Leslie
Bentley, William James
Bills, Lawrence McAusland
Bonnin, Murray Frew
Brown, Robert Foster
Close, Maynard Davidson
Cohen, Lena Sybil
Davis, Christine Joyce
Duffield, Edna May
Elliott, Lionel John
Forbes, William
Forsyth, Robert Samuel
Green, Evelyn Frances
Gregory, Audrey Neva
Gunson, Mary Morphett
Gunton, James Donald
Harris, Edna Jean
Harris, Lorna Muriel
Harry, Richard Varley
Harvey, Faith F., Mus.Bac.
Heath, Trevor J. G., B.A.
Hebart, Werner Friedrich
Herriott, Daisy Violet A.
Hosking, Mavis Joan
Judd, Percival Richard Henry
Kiek, Margaret Lucy
Koehne, Raymond Percy
Krieg, Erwin Oswald
Kyd, Isabel Somerville
Laurence, Joan Mary
McDonald, John Hunter
McEvoy, Aloysius John
McFarlane, John Preiss
McLaughlin, Eric Enstone
McNamara, Agnes
McNicol, David Williamson
Macklin, Laura Muriel C.
Magor, Irvine Frank
Maschmedt, Zillah Daisy
Nancarrow, Cyril Gawler
Odlum, Reginald Lance
Pearce, Charles Clifton
Schubert, Frank Helmut
Scoble, Sidney John
Scriven, Murray Walter
Shrowder, Ronald Louis
Slee, Dugald Haughton, B.Sc.
Smith, Alfred Earle
Stokes, Robert Francis
Storch, Wilhelm Murray
Twiss, William Willmott
Walsh, Kevin Gerald
Ward, Robert Hayes
Watts, Edith Isabel
Whalan, Lionel Walter
White, Helen Marie
Wiadrowski, Maxwell A. A.
Wiadrowski, Vernon B.
Williams, Zena Vera
Wilmshurst, Maurice George

Awarded the Andrew Scott Prize: Allen, James Lawrence.

LATIN. (2.). SECOND COURSE.

Passed with Credit (in order of merit):

Allen, James Lawrence }
Radcliff, Joanna Clare }
Besley, Joyce
Bleby, John Raymond
Field, Frederick Laurence }
Fishburn, Thomas Harold }

Passed (in alphabetical order):

Anderson, Gwendoline Mary
Barbary, Barbara Alice
Betts, Beatrice Berenice
Bramwell, Myra Gladys
Clark, Allan David Everett
Connor, John Leo
Edmonds, Stanley Joe, B.Sc.
Farndell, Leila Mavis
Gillespie, Elsie Jean Ann
Glastonbury, Dudley I., B.Sc.
Griffey, Norma Hazel
Hall, Joshua
Heyward, Marie Louise
James, Bertha Gwendoline
Johnson, William C. S.
McDonald, Donald Stuart
McLeay, Elizabeth M.
Mundy, Kevin Arnold
Nichterlein, Otto Erhardt
Pryor, Doreen Winifred
Reid, Elizabeth Ellen
Richards, William Edward
Strahan, Anthony William
Trenorden, Glenwynne Eva
Were, John Owen
Whitington, Joan
Yelland, Joan Mary

LATIN. (2.). THIRD COURSE.

Passed with Credit (in order of merit):

Williams, Donald Carter
Polkinghorne, Noel Francis
Padman, John Stuart
Searle, Hartley Malcolm }
Sweeney, Mary Ryan }
Hitchcox, Alfred Clarke, B.A.
Redden, Martin Philip

Passed (in alphabetical order):

Bright, Charles Hart
Carthew, Lancelot
Chapman, John Marsden
Cherry, Aileen Percival
Dawson, David Lancelot
Fulton, Gwen Evelyn H.
Glastonbury, J. O. G., B.Sc.
Ireland, Norman A., B.A.
Lamey, Charles Sydney
Marschall, Herbert Edmund
O'Connell, William B., B.A.
Pfitzner, Eric Norman, B.A.
Proctor, Ivy Millicent
Swan, Alan Keith
White, Helena Victoria

COMPARATIVE PHILOLOGY. (3.).

Passed with Credit (in order of merit):

Oats, William Nicolle
Pennells, Frederick William
Williams, Donald Carter
Polkinghorne, Noel Francis

Passed (in alphabetical order):

Church, John Henry
Henley, Alexander James
McKinnon, Robert Campbell
Peirce, Reginald Frank
Radcliff, Joanna Clare
Slee, Dugald Haughton, B.Sc.
Watkinson, Mavis Daphne
Watts, Edith Isabel

Awarded the James Gartrell Prize: Oats, William Nicolle

ENGLISH LANGUAGE AND LITERATURE. (7.). COURSE A.

Passed with Credit (in order of merit):

Moore, Griselda Margaret — Elliott, Lionel John

Passed (in alphabetical order):

Allen, James Lawrence
Andres, Florence Fay
Bampton, Albert William
Bentley, William James
Bills, Laurence McAusland
Close, Maynard Davidson
Cooper, Adrian Harry C.
Dennis, Alan Henry
Duffield, Edna May
Ewens, Kathleen Lorna
Glastonbury, J. O. G., B.Sc.
Harris, Beryl Ruth
Harris, Edna Jean
Harris, Lorna Muriel
Hawker, Joan Seymour
Hersel, August Wilhelm
Hill, Gwendoline
Hinde, John Hamilton
Ind, Margaret Alice
Isom, Constance Ruth
James, Dorothy Adele
Johnson, William C. S.
Kiek, Margaret Lucy
Krieg, Erwin Oswald
Millerd, Clifford James
O'Connor, Nancy Jeanne
Schubert, Frank Helmut
Shaw, John Robert S., B.A.
Smith, Mary Theresa
Smith, Vera Lisnagore
Ward, Patricia
Watts, Edith Isabel
Were, John Owen
Wiadrowski, Maxwell A. A.

Awarded the Tormore Prize: Moore, Griselda Margaret

ENGLISH LANGUAGE AND LITERATURE. (7.). COURSE B.

Passed with Credit (in order of merit):

Hague, Ralph Meyrick — Giles, James Palmer, B.A.
Padman, John Stuart

Passed (in alphabetical order):

Barbary, Barbara Alice
Black, Thelma Margaret
Cohen, Lena Sybil
Cussen, Nan Woodforde
Fehlberg, Tasman Julius A.
Fletcher, Helen Weld
Garrett, Dorothea Helene
Hone, Winifred Ruth Selwyn
Ingamells, Reginald Charles
Juett, Christina M., B.A.
Kerr, Colin Gregory
Knauerhase, Oscar Carl
Langham, Molly Elizabeth
McLean, Reginald Alexander
Matthews, Gladys Mary P.
Nichterlein, Otto Erhardt
Oats, William Nicolle
Olssen, Edwin Alexander
Pearson, Howard James
Phillips, Muriel Edith
Sims, Roxy
Skuce, Beryl Marion R.
Wells, Elizabeth Wynne
Whitington, Richard S.
Yelland, Joan Mary

FRENCH. (9.). FIRST COURSE. WRITTEN SECTION.

Passed with Credit (in order of merit):

Smith, Mary Theresa — Crane, Greta Ruby
Andersén, Kerstin Lillemor } Isom, Constance, Ruth } Green, Evelyn Frances — Gregory, Audrey Neva } Kiek, Margaret Lucy }

Passed (in alphabetical order):

Aitchison, Elaine May
Andres, Florence Fay
Balmer, Jean Jacques
Beaumont, Olive Sowter
Bills, Lawrence McAusland
Caldwell, Hilda Valmai
Cooper, Ashley Anthony R.
Cussen, Nan Woodforde
Duffield, Edna May
Farley, Mary
Ferres, Margaret Elizabeth
Findlay, Margaret Mary
Forsyth, Robert Samuel
Foweraker, Alma Muriel
Hambidge, Margaret Cecile
Hersel, August Wilhelm
Kyd, Isabel Somerville
Laurence, Joan Mary
McDonald, Lily
Mayo, Clarice Elton
Minson, Charles Stanley
Othams, Dorothy E., B.A.
Partridge, Wilfrid Gordon M.
Phillips, Mona Annie
Rischbieth, Marie Elizabeth
Roberts, Roy
Walker, Dulcie Ismay
White, Helen Marie

Passed (unclassified, having been exempted from part of the course):

Bonnin, Murray Frew
Dennis, Alan Henry

FRENCH. (9.). FIRST COURSE. ORAL SECTION.

Passed with Credit (in order of merit):

Smith, Mary Theresa
Dennis, Alan Henry
Gregory, Audrey Neva
Andersén, Kerstin Lillemor } equal
Kiek, Margaret Lucy }

Passed (in alphabetical order):

Aitchison, Elaine May
Andres, Florence Fay
Beaumont, Olive Sowter
Bonnin, Murray Frew
Caldwell, Hilda Valmai
Crane, Greta Ruby
Cussen, Nan Woodforde
Duffield, Edna May
Ferres, Margaret Elizabeth
Foweraker, Alma Muriel
Green, Evelyn Frances
Hambidge, Margaret C.
Hersel, August Wilhelm
Isom, Constance Ruth
Kyd, Isabel Somerville
McDonald, Lily
Mayo, Clarice Elton
Partridge, Wilfrid Gordon M.
Roberts, Roy
Warren, Margaret

FRENCH. (9.). SECOND COURSE. WRITTEN SECTION.

Passed with Credit (in order of merit):

Smith, Mary Theresa
Dennis, Alan Henry

Passed (in alphabetical order):

Ashton, Mabel Winifred
Browne, Clifford Harding
Bonnin, Murray Frew
Cherry, Aileen Percival
Cohen, Lena Sybil
Murphy, Mary
Paull, Alec G., B.A., B.Sc.
Pearson, Howard James
Phillips, Gordon Gilbert
Proctor, Rose Emily
Puddy, Albert Forwood
Redman, James Johnston
Sugg, Bentham Horace
Trenorden, Glenwynne Eva
Walters, George Henry
Warren, Margaret
Whitington, Joan

FRENCH. (9.). SECOND COURSE. ORAL SECTION.

Passed with Credit (in order of merit):

Cherry, Aileen Percival
Dennis, Alan Henry
Smith, Mary Theresa
Redman, James Johnston

Passed (in alphabetical order):

Bonnin, Murray Frew
Burton, Nancy Glen
Cohen, Lena Sybil
Murphy, Mary
Paull, Alec G., B.A., B.Sc.
Pearson, Howard James
Proctor, Rose Emily
Puddy, Albert Forwood
Taylor, Eleanor Scott
Vaudrey, Mary
Walters, George Henry
Warren, Margaret
Whitington, Joan

FRENCH. (9.). THIRD COURSE. WRITTEN SECTION.

Passed with Credit (in order of merit):

Wenzel, Renee Mariette
Cavenett, Lindsay Dwyer
Bleby, John Raymond

Passed (in alphabetical order):

Coles, Phillip Douglas
Donaldson, Muriel Grace
Farndell, Leila Mavis
Kyd, Margaret
Nairn, Elwyn Roby
Pank, Gladwys Ruth
Sims, Roxy
Ternan, Verna Joyce
Vaudrey, Mary

FRENCH. (9.). THIRD COURSE. ORAL SECTION.

Passed with Credit (in order of merit):

Wenzel, Renee Mariette
Bleby, John Raymond
Sims, Roxy

Passed (in alphabetical order):

Cavenett, Lindsay Dwyer
Coles, Phillip Douglas
Donaldson, Muriel Grace
Farndell, Leila Mavis
Nairn, Elwyn Roby
Pank, Gladwys Ruth
Vaudrey, Mary

GERMAN. (10.). FIRST COURSE.

Passed with Credit (in order of merit):

Hersel, August Wilhelm
Hundertmark, Kurt
Fehlberg, Siegfried Albrecht

Passed (in alphabetical order):

Sorrell, Margaret W., B.A.
Wiadrowski, Vernon B.

GERMAN. (10.). SECOND COURSE.

Passed with Credit (in order of merit):

Teusner, Alex Frank
Hecker, Olive May

Passed:

Nichterlein, Otto Erhardt

MODERN HISTORY. (12.). FIRST COURSE. BRITISH HISTORY A.

Passed with Credit (in order of merit):

Olssen, Edwin Alexander
Andersén, Kerstin Lillemor
Partridge, Wilfrid G. M.
Black, Thelma Margaret
Joseph, George

Passed (in alphabetical order):

Bentley, William James
Brice, Emilie Una
Brown, Robert Foster
Burnard, Charles Robert
Cadzow, Leslie Consort
Combe, Bernard Milo
Dawkins, Margaret Ina
Dempster, Donald
Edwards, Victor Wilfred A.
Green, Richard Maslen
Hambidge, Margaret Cecile
Harris, Dudley Andrew
Hauser, Frederick H., B.A.
Hawker, Joan Seymour
Malcolm, Kathleen
Moore, Griselda Margaret
Moss, Colin Lance
Mundy, Kevin Arnold
Napier, Robert Mellis
O'Connell, William B., B.A.
O'Connor, Nancy Jeanne
Pilkington, Hazel Anne
Pryor, Marjorie Ethel
Storch, Wilhelm Murray
Wells, Elizabeth Wynne
Whalan, Lionel Walter
White, Helen Marie

MODERN HISTORY. (12). SECOND COURSE. BRITISH HISTORY B.

Passed with Credit:

Goss, Noel Frederick
Ingamells, Reginald Charles
Lamey, Charles Sydney
Wakeford, Sidney Claud

Passed (in alphabetical order):

Besanko, Maurice Hier
Fletcher, Helen Weld
Fraser, Harry Lovat
Hargrave, Elsa Margaret
James, Bertha Gwendoline
Johnson, William C. S.
Macaulay, Betty Naunton
Pryor, Marjorie Ethel
Roberts, Jean Pearson
Rooney, Gwenyth Minnie
Whitington, Joan

MODERN HISTORY.(12.).THIRD COURSE. EUROPEAN HISTORY B.

Passed with Credit:

Lunn, Margaret A., LL.B.
Ray, William Robert

Passed (in alphabetical order):

Atwell, Leslie George D., B.A.
Croker, Annie Isabel
Eckersley, Percy C. W., B.A.
Featherstone, Dora B., B.A.
Goss, Noel Frederick
Johnson, William C. S.
Martin, Amalia Anna, B.A.
Wilson, L. E. C., B.A., B.Sc.

ECONOMICS. (15.). FIRST COURSE.

Passed with Credit (in order of merit):

Schubert, Frank Helmut
Joseph, George

Passed (in alphabetical order):

Allen, Leonard Nicholls, B.A.
Berry, William Edward
Chapple, Keith Fletcher
Chettle, Dorothy A., B.A.
Dawkins, Lois Martha
Edwards, Stanley Herbert
Harrington, Colin
Hebart, Werner Friedrich
Lade, Stuart Drummond
McPherson, A. O., B.A., B.Sc.
Mitchell, Frank W., B.Sc.
Mounster, Valerie Luella, B.A.
Mundy, Kevin Arnold
Nairn, Donald Maxwell
Pennicott, Ralph William
Phillips, Ronald Mervyn
Ray, William Robert
Read, Philip Andreas, B.A.
Semmler, Clement William
Twelftree, Clifford Croft
Wiese, Ivo Ray
Wilmshurst, Maurice George
Young, William Francis

ECONOMICS. (15.). SECOND COURSE.

Passed with Credit (in order of merit):

Williams, George Esson K.
Dawbarn, Richard Bunbury
Jackson, Leslie Colin
Seaman, Gilbert Frederick

Passed (in alphabetical order):

Barton, Jessie Charlotte
Burton, Nancy Glen
Caldwell, Hilda Valmai
Charlesworth, T. W., B.A.
Crase, Vincent Vivian
Ewens, Leonard Thomas
Hilton, Kingsley Winlo
McCarthy, Peter P., LL.B.
Mitchell, George T. J., B.A.
Mullen, Brian Anthony
Mullin, Mary Margaret
Othams, Dorothy E., B.A.
Othams, Herbert Reginald
Rowe, Colin Davies
Smith, Annie Ethel
Travers, Edward Ambrose
Wilson, Francis Patrick
Wyett, Ernest Stanley

GEOGRAPHY. (17.).

Passed with Credit (in order of merit):

Hosking, Lochee Maude, B.A.
Hitchcox, Alfred Clarke, B.A.
Coombe, Albert
Pash, Hannah Rita, B.A.

Passed (in alphabetical order):

Barton, Jessie Charlotte
Bateman, Wilfrid
Bierwirth, Ronald Callanan
Birchall, Harold John
Brauer, Eric Wilfred
Christison, Margaret Jean
Collins, Leslie Palmer
Coulthard, Clyde Ronald
Daddow, Henry Howard
Dawkins, Lois Martha
Draysey, Lloyd
Ewens, Leonard Thomas
Harris, Edna Jean
Hounslow, Gordon Richard
Howell, William Ewart
Hudson, Henry Charles
Jenkin, Alfred John R.
Linnett, Frederick Wadham
McElroy, Anthony Godfrey
McInerney, Thomas Edward
McKenzie, Hector Malcolm
Moyle, William George C.
Pearce, Charles Clifton
Pope, Hugh Gilmore
Rees, David Albert
Searle, Clifford Alfred James
Shaughnessy, Frank Edward
Shearer, Clifford G. T., B.A.
Slade, James Henry Gray
Smith, Agnes Florence
Stevens, Ernest Kenneth
Stockdale, Margaret
Thoday, Ivan Angas
Watson, Ivy Linda

PSYCHOLOGY. (20.).

Passed with Credit (in order of merit):

Carroll, Mary Philomena
Balchin, Irene May
Browne, Clifford Harding
Smith, Mary, B.A.
Pryor, Marjorie Ethel

Passed (in alphabetical order):

Aitchison, Elaine May
Allen, Clarence Henry John
Barbary, Barbara Alice
Bills, Nina Lestelle
Bilney, Neil Joseph
Blair, James Beatton Graham
Bleby, John Raymond
Brocksopp, John Ernest
Burton, Dudley Hopetoun
Butler, William Henry, B.Sc.
Calaby, Harry Leslie
Connor, John Leo
Cooper, Adrian Harry C.
Dack, Thomas
Downs, George William
Edgeloe, Victor Allen
Ewers, William David
Farndell, Leila Mavis
Fechner, Martin Johann T.
Fletcher, Helen Weld
Forsyth, Robert Samuel
Foweraker, Alma Muriel
Gibbs, Alfred Lewis Burnand
Gill, Clarence William Cecil
Griffey, Norma Hazel
Hall, Clifford Thomas Robert
Hocking, Frank M., B.Sc.
Hone, Winifred Ruth Selwyn
James, Bertha Gwendoline
Jenkin, Leonard Bee
Jenkin, Norbert Rogers
Johnson, Grace Elizabeth
Kennedy, Mervyn Sylvester
Kesting, Norman Gustav
Knauerhase, Oscar Carl
Laidlaw, William Clarke
Lang, Margaret Goodall
LeMaistre, Ray Mauger
McMutrie, Alfred Ian
Martin, Colin Duncan
Martin, Walter Raymond
Mayfield, Maxwell Arnold
Milne, Annie Johnson
Murphy, Mary
Mutton, Carlyle Herbert
Nicholas, Rowland John
Parsons, William Ross
Prince, Beryl Lloyd
Pritchard, Vita
Redden, Martin Philip
Rudd, Kenneth Clive
Saxton, Dorothy Kate
Schubert, Frank Helmut
Solomon, Helen Ethel
Thompson, Jessie Mildred
Travers, Edward Ambrose
Trenorden, Glenwynne Eva
Trenorden, James Henry
Wagland, Arthur James
Wells, Elizabeth Wynne
White, Helena Victoria
Whitington, Joan
Wilson, Edna Dorothy Lynn
Wilson, Gladys Gwendoline
Young, Robert Burns

LOGIC. (21.).

Passed with Credit (in order of merit):

Carroll, Mary Philomena
Newman, Kenneth Fisher
Balchin, Irene May
Sparrow, Lorna D., B.A.

Passed (in alphabetical order):

Allen, John Bernard
Brocksopp, John Ernest
Burgan, Owen Sylvester
Cooper, Adrian Harry C.
Davey, John Ryan
Grigg, Deborah Hope
Harry, Richard Varley
McDonald, Percy William
Mills, May
Paterson, Alfred Harold
Redden, Martin Philip
Smith, Mary Theresa
Stephen, Margaret Clara
Swan, Charles Martin
Ternan, Verna Joyce
Townsend, Herbert Louis
Wells, Elizabeth Wynne
Were, John Owen
Wilson, Gladys Gwendoline

Awarded the Roby Fletcher Prize for Psychology and Logic: Carroll, Mary Philomena

ETHICS. (22.).

Passed with Credit (in order of merit):

Magor, Clifford James, B.A. — Beurle, John Charles Louis

Passed (in alphabetical order):

Anderson, Aubrey James C.
Cant, Alister McKinnon
Cottrell, Francis Allan
Craker, Arthur Ernest
Dack, Thomas
Garrett, Dorothea Helene
Gemmell, Alex Stewart
Gibson, Gladys Ruth
Habich, Carl Gerhard
Ireland, Norman Arthur, B.A.
Lade, Stuart Drummond
Leslie, Jean, B.A.
McGowran, Patrick Cormac
McInerney, Thomas Edward
McMutrie, Alfred Ian
McPherson, A. O., B.A., B.Sc.
Martin, Frederick C., B.A.
Matthews, Richard Trahair
Minahan, Agnes Cecilia, B.A.
Mitchell, George T. J., B.A.
Morris, John Lennox
Murphy, Margaret Jane
Padman, Maurice S., B.A.
Pfitzner, Eric Norman, B.A.
Richards, William Edward
Rogers, Irene Blanche, B.A.
Ryan, Leo Francis
Schapel, Kenneth Sydney
Shaw, John Robert S., B.A.
Temme, Bernhard Robert
Verrall, Raymond Wilfred

PHILOSPOHY, PART I. (23.).

Passed with Credit:

Coats, Claude Hampson, M.A.

PHILOSOPHY, PART II. (23.).

Passed with Credit (in order of merit):

Newman, Kenneth Fisher, Penny, Hubert Harry, B.A. — Schapel, Kenneth Sydney; Padman, Maurice S., B.A.

Passed (in alphabetical order):

Fairweather, Edna May
Hebart, Werner Friedrich
Lunn, Margaret Anne, LL.B.
Schneider, Wilfred Carl, B.A.
Symons, Clifford T., B.A.
Wait, Yvonne Lois, B.A.

EDUCATION. (26.).

Passed with Credit (in order of merit):

Heath, Stewart, Jackson, Leslie Colin
Searle, Hartley Malcolm
Andersen, Kerstin Lillemor, Gray, Maurice Chadwick
Fulton, Gwen Evelyn H., Haines, Murray David, Malcolm, Kathleen, Barter, Kenneth Edwin
Bone, Maxwell Harold, Cavenett, Lindsay Dwyer
Close, Frank William, B.Sc, Fisher, Ruben Walter A., Isom, Constance Ruth, Milne, Lorna Margarette
Benson, Gwendoline E. J.

Carter, Laura Knox, Roberts, Roy
Blight, Ivor Clement
Newman, Margaret Muriel, McCarthy, Mary Norma
Burton, Nancy Glen, Coote, George Gilbert, B.Sc, Fishburn, Thomas Harold, Lillecrapp, Douglas A. J.
Vaudrey, Mary
Fehlberg, Tasman J. A., Hosking, William John, Schubert, Frank Helmut, Simpson, Muriel, Waldeck, Reginald D. C.
Todd, Beryl Nance

Passed (in alphabetical order):

Bagshaw, Mabel
Beaton, Kenneth Murray
Besanko, Dorothy Hier
Brewster, Doreen Mary S.
Brown, Donald Edgar
Burns, Esther
Burrow, Allan Lincoln John
Burrow, Lincoln
Butler, Tom
Coombs, Clara Louisa
Cosgrove, Bernard Augustin
Cropley, Claire Harcourt W.
Dansie, Roy Frank William
Daulby, Elva Irene
Davies, Janet Agnes
Davis, Constance Ruby A.
Dean, Kathleen Knight
Donaldson, Muriel Grace
Eades, Lulu Vansittart
Edmunds, Ida Florence
Edwards, Stanley Herbert
Errey, Fredrick Ellis
Fotheringham, Jean
Frick, Darcy John Gilbert
Fyfe, William Charles
Galley, Adelaide Mary
Gibbs, Alice Elizabeth
Gilchrist, Robert James
Glover, Allan Clifford
Goodes, William Bruce
Gunson, Mary Morphett
Hale, Violet Helena
Haywood, Ernest Ross
Hebart, Werner Friedrich
Henstridge, Barbara S.
Hinze, Sydney
Hoffmann, Agnes Elvira
Hoffmann, Frederick William
Hounslow, Gordon Richard
Howell, Harold George
Howell, Thomas
Hudson, Wilfred Frank F.
Jackson, Esther Mary
James, Marjorie Louise
Jamieson, Amy Joyce
Jones, Jack Lundie
Kearney, Bernard James
Kimber, Isabel Nancy
Lampard, Rita Kathleen
Lienert, Walter Heinrich
Lucas, John
McCarter, Lewis
McCarthy, Catherine
McCarthy, Peter Paul, LL.B.
Marks, Agnes Margaret
May, Eric St. Clair
Mitchell, Effie Mavis
Moody, Roy James
Morphett, Hazel Evangeline
Murdoch, Keith
Nadebaum, Jack Colin
Parker, Thelma Margaret
Penery, Mavis Whaite
Przibilla, Oliver Herman
Quin, Donald Guy
Rose, Vivian Clement
Rudd, Kenneth Clive
Shepherd, John Henry
Slattery, Mary, B.A.
Spargo, Stanley Carr, B.A.
Steer, Cecily Jean
Stevens, Roma May
Treloar, Ronald William
Vivian, Joan Mary
Wardle, Allen
Whitting, Claude Raymond
Williams, Mary Gertrude
Wood, Allen Edwin
Wood, Kathleen Isobel Latta

DIPLOMA IN EDUCATION.

ESSAY.

Passed:

Fitzgerald, Bartholomew John, B.A.

HYGIENE.

Passed with Credit (in order of merit):

Close, Frank William, B.Sc.
Coote, George Gilbert, B.Sc.
Cavenett, Lindsay Dwyer
Whitburn, Jack, B.A.

Passed (in alphabetical order):

Anderson, Isabella, B.A.
Barter, Kenneth Edwin, B.A.
Butcher, Alan Edward, B.A.
Campbell, Archibald H., B.A.
Donaldson, Muriel Grace
Fulton, Gwen Evelyn H.
Harris, Donald Dunstan, M.A.
Hilbig, Paul Berthold, B.A.
Hirst, Ronald Robert
Pryor, Eric John, B.A.
Rooney, Clifford, B.Sc.
Searle, Hartley Malcolm
Smith, David Carswell, B.A.
Tregenza, Sydney Lloyd, B.A.
Vaudrey, Mary
Vickery, Frederick A., M.A.

EDUCATIONAL PSYCHOLOGY.

Passed with Credit (in order of merit):

Butcher, Alan Edward, B.A.
Harris, Donald Dunstan, M.A.
Pash, Hannah Rita, B.A.

Passed (in alphabetical order):

Hauser, Frederick H., B.A.
Hilbig, Paul Berthold, B.A.
Kelly, Ellen, B.A.
McDonald, Gilbert S., B.A.
McKay, Malcolm W., B.A.
Richards, C. A., M.A., B.Sc.

PRINCIPLES OF PRIMARY SCHOOL METHOD.

Passed with Credit:

Vickery, Frederick Arthur, M.A.

Passed:

Brazil, Jack Trapmann

PRINCIPLES OF SECONDARY EDUCATION.

Passed:

Coats, Claude Hampson, M.A.

FACULTY OF SCIENCE.

DEGREE OF DOCTOR OF SCIENCE.

Thesis:

Prescott, James Arthur, M.Sc.

DEGREE OF MASTER OF SCIENCE.

Thesis:

Beck, Alan Beavis, B.Sc.
Cox, Alwyn Birchmore, B.Sc
Gurney, Harold Cyril, B.Sc.

DEGREE OF MASTER OF ENGINEERING.

Thesis:

Gibb, Claude Dixon, B.E.
James, Wesley H., B.Sc., B.E
Robin, Rowland C., B.E.
Stobie, James Cyril, B.E.

HONOURS DEGREE OF BACHELOR OF SCIENCE.

MATHEMATICS. (35.).

First Class:

Grant, Colin Kerr, B.Sc.

FACULTIES OF SCIENCE, AGRICULTURAL SCIENCE AND APPLIED SCIENCE.

ORDINARY DEGREES OF BACHELOR OF SCIENCE, BACHELOR OF AGRICULTURAL SCIENCE, AND BACHELOR OF ENGINEERING.

PURE MATHEMATICS. (30.). FIRST COURSE.

Passed with Credit (in order of merit):

Wiesner, Clarence Jack
Smith, Jack Edwin
Mercer, Edgar Howard
Nettle, Richard William
Welbourn, Alan Egerton

Passed (in alphabetical order):

Anders, Douglas John
Boehm, Rolfe Vernon
Branson, Colin William
Brown, Thomas Roderick
Chapple, Keith Fletcher
Dawson, Geoffrey Dean
Goode, Thomas Ryall
Goss, Edward Terence
Green, Lawrence Goodwin
Hall, William George P.
Harral, Geoffrey Milne
Harvey, Raymond Hynson
Hooper, Peter Laurence
Howland, Raymond Spencer
Hunt, Norman Victor
Keats, Arthur Lange
Kelsey, Oswald Mortimer
Knauerhase, Oscar Carl
Kuchel, Clemens Carl
Lamacraft, Kenneth R. R.
Lawson, Frederick Henry
Nicholson, Ian Lancaster
O'Loughlin, Mary Veronica
Scriven, Murray Walter
Stevenson, Arthur James
Stockdale, Margaret
Thomas, Rendel Kyffin
Thompson, William
Twartz, Arnold Frederick
Walkington, Harvey Mawbey
Walter, Harold Noal
Wickes, Donald William
Wight, Albert James
Wilson, Jack Woodrow
Woithe, William Henry

PURE MATHEMATICS. (31.). SECOND COURSE.

Passed with Credit (in order of merit):

Allen, William Douglas
Funder, John Francis
Wiesner, Clarence Jack

Passed (in alphabetical order):

Barclay, John Thomas Evaine
Berndt, Kenneth Lewis
Cox, David William
Foote, George Buchanan
Hahn, Hurtle William
Mercer, Edgar Howard
Meyer, Heinerich Carl
Pritchard, John Joseph
Sharpe, William George
Thompson, William

The following candidate passed in Course 31a, Pure Mathematics II for Engineering students:

Raftery, John Aldborough

PURE MATHEMATICS. (31a.). SECOND COURSE, B.E. STUDENTS.

Passed with Credit (in order of merit):

Pomroy, Alan Browning
Whittle, Donald George

Passed (in alphabetical order):

Adams, Colin Francis
Allen, Gordon Vivian
Barker, Edgar James
Boehm, Rolfe Vernon
Evans, George Richard
Jones, Alfred Sidney
Thomas, David John Saint
Thomas, Harold Davey
Ward, Leonard Rosslyn
Welbourn, Alan Egerton

PURE MATHEMATICS. (32.). THIRD COURSE.

PART I: ANALYSIS:

Passed (in alphabetical order):

Huddleston, Stanley Ernest
Jones, Albert Walter

PART II: GEOMETRY:

Passed (in alphabetical order):

Bosworth, R. C. L., M.Sc.
Huddleston, Stanley Ernest
Smith, Raymond Thomas

APPLIED MATHEMATICS. (33.). FIRST COURSE.

Passed with Credit (in order of merit):

Allen, William Douglas
Huddleston, Stanley Ernest
Funder, John Francis

Passed (in alphabetical order):

Barclay, John Thomas Evaine
Bullock, John Hynam
Chapman, William Glanville
Cottrell, Eric
Gerard, Kenneth Edward
Lapidge, Jack Stanley
Patterson, William Friedrich
Pritchard, John Joseph
Raftery, John Aldborough
Rance, George Howe
Redmond, John Bice
Wilson, Jack Woodrow

APPLIED MATHEMATICS. (34). SECOND COURSE.

Passed:

McKinnon, George Clarence

PHYSICS I. (37.).

Passed with Credit (in order of merit):

Allen, William Douglas
Foote, George Buchanan
Goss, Edward Terence
Whittle, Donald George

Passed (in alphabetical order):

Adams, Colin Francis
Allen, Gordon Vivian
Anders, Douglas John
Appleby, Clement Alwyn
Baghurst, Harold Charles
Baker, Michael Joseph

Barrien, Beryl Stoddart
Boehm, Rolfe Vernon
Brown, Howard Arthur
Brown, Kenneth Symington
Cleland, Barbara Burton
Cousins, Milton Albert W.
Cox, David William
Elix, Robert Hugo
Fornachon, John Charles M.
Geddes, Gordon Charles
Gibbs, Alfred Lewis Burnand
Golding, John Hubert
Goode, John Reginald
Goode, Thomas Ryall
Hookings, Ronald William
Hooper, Peter Laurence
Hunt, Norman Victor
Hutton, Robert Chalmers
Keats, Arthur Lange
Kelsey, Oswald Mortimer
Kiek, Sidney Noel
Kuchel, Clemens Carl
Lawson, Frederick Henry
Lewis, Arthur Ernest
Lines, Lancelot Hamilton
Lloyd, Hugh Arthur
Motteram, Reginald
Murn, Harold Brunswick
Nettle, Richard William
Neuling, Herman James
Nock, Thomas Douglas
Osman, Boris
Pomroy, Alan Browning
Pryor, Lindsay Dixon
Rankin, Gavin Robert
Ray, Nancy Maud
Richardson, Middleton Bart
Sharpe, William George
Shepherd, David Wickham
Smith, Edward Mackie
Smith, Jack Edwin
Stevenson, Arthur James
Symons, Jack Gilroy
Taylor, Herbert Alfred Frew
Thomas, Rendel Kyffin
Thomas, Stuart
Walkington, Harvey Mawbey
Walter, Harold Noal
Welbourn, Alan Egerton
Wiesner, Clarence Jack
Wight, Albert James
Wildy, Ralph Alderman
Wilson, Jack Woodrow
Woithe, William Henry

PHYSICS. (38.). SECOND YEAR, B.Sc. COURSE.

Passed with Credit (in order of merit):

Funder, John Francis
Allen, William Douglas
Huddleston, Stanley Ernest
Jolly, William Richard N.

Passed (in alphabetical order):

Burnard, Donald Frank
Gerard, Kenneth Edward
Lapidge, Jack Stanley
Rogers, Charles Malcolm
Stead, Sydney Arnold

PHYSICS. (38a.). SECOND YEAR, B.E. COURSE.

Passed (in alphabetical order):

Anders, Ralph Charles
Bates, William George James
Bullock, John Hynam
Howell, Murray Wentworth
Patterson, William Friedrich
Thomas, Harold Davey

PHYSICS. (39.). THIRD YEAR, B.Sc. COURSE.

Passed with Credit (in order of merit):

Guinand, Andrew Paul
Gare, Lloyd
Jones, Albert Walter

Passed:

Gray, Maurice Chadwick

Passed (unclassified, having passed previously in the B.E. section):

Barber, Howard Frank

PHYSICS. (40.). THIRD YEAR, B.E. COURSE.

Passed:

Fisher, James Hubert Thomas

CHEMISTRY I. (45.).

Passed with Credit (in order of merit):

Mercer, Edgar Howard
Riceman, David Stirling
Foote, George Buchanan
Hooper, Peter Laurence }
Motteram, Reginald }
Twartz, Arnold Frederick
Hubble, George Dixon
Rance, George Howe

Passed (in alphabetical order):

Allen, William Douglas
Anders, Douglas John
Baghurst, Harold Charles
Brown, Kenneth Symington
Claridge, Evelyn Dorothy
Cooke, Barbara Ternent
Cousins, Milton Albert W.
Cox, David William
Dyke, Norman William
Fielding, Leonard Edmund
Fornachon, John Charles M.
Forsyth, Robert Samuel
Hardie, Bruce Wentworth
Johns, Bennett Gilbert L.
Kay, Cecil Bernhard
Keats, Arthur Lange
Kuchel, Clemens Carl
Lawson, Frederick Henry
Lines, Lancelot Hamilton
Lloyd, Hugh Arthur
Longbottom, David Cox
McKinnon, George Clarence
Mylonas, Stelios De
Nettle, Richard William
Newman, Bernard William
Nock, Thomas Douglas
Odlum, Leonard Ralph
Osman, Ralph Hanson
Paul, Kevin Carroll
Pryor, Lindsay Dixon
Ray, Nancy Maud
Sharpe, William George
Shepherd, David Wickham
Sullivan, Alan Grose
Symons, Jack Gilroy
Taylor, Herbert Alfred Frew
Watson, Ruth
Wiadrowski, Maxwell A. A.
Wildy, Ralph Alderman
Wilson, Jack Woodrow
Woolcock, Collin Elwyn

ORGANIC SECTION ONLY.

Passed:

Baker, John Campbell
Colebatch, Gordon Thomas
Fishburn, Thomas Harold
Smith, Edward Rowland
Smith, Jack Edwin

CHEMISTRY I. (45a.). (For Applied Science Students other than Mining and Metallurgical. September Examination.)

Passed with Credit (in order of merit):

Whittle, Donald George
Wight, Albert James
Pomroy, Alan Browning
Stevenson, Arthur James
Welbourn, Alan Egerton
Walter, Harold Noal

Passed (in alphabetical order):

Allen, Gordon Vivian
Ashton, Thomas Edward
Brimage, Frederick John
Brown, Howard Arthur
Cockburn, Robert Forbes
Dawson, Geoffrey Dean

Frith, Henry George
Goode, Thomas Ryall
Hookings, Ronald William
Hutton, Robert Chalmers
Jacob, Charles Ernest F.
James, Clarence Keith
Kelsey, Oswald Mortimer
Machin, George Herbert
Osman, Boris
Smith, Edward Mackie
Smith, Sidney William
Thomas, Rendel Kyffin
Woithe, William Henry

INORGANIC AND PHYSICAL CHEMISTRY. SECOND YEAR. THEORETICAL AND PRACTICAL (46 and 47.) B.Sc. COURSE.

Passed with Credit:
Jolly, William Richard Norman

Passed (in alphabetical order):
Cowan, Malcolm Robert
Stead, Sydney Arnold
Wright, Angas Stanley

INORGANIC AND PHYSICAL CHEMISTRY. SECOND YEAR. THEORETICAL AND PRACTICAL. (46 and 47.) B.E. COURSE.

Passed with Credit (in order of merit):
Boundy, Clive Alfred Paul
Cottrell, Eric

Passed in Theory only, thereby completing the whole course:
Adams, Colin Francis

INORGANIC AND PHYSICAL CHEMISTRY. SECOND YEAR. THEORY. (46.) SCHOOL OF MINES STUDENTS.

Passed (in alphabetical order):
Hardy, Evan Lovell
Norgard, John Davey
Thomas, Albert Edwin

ORGANIC CHEMISTRY. SECOND YEAR. THEORETICAL AND PRACTICAL. (48 and 49.).

Passed with Credit:
Jolly, William Richard Norman

Passed (in alphabetical order):
Stead, Sydney Arnold
Wright, Angas Stanley

INORGANIC AND PHYSICAL CHEMISTRY. THIRD YEAR. THEORETICAL AND PRACTICAL. (50 and 51.).

Passed with Credit (in order of merit):
Forder, Douglas Highmoor
Gare, Lloyd } Swanson, Thomas Baikie }

Passed (in alphabetical order):
Barnes, Thomas Alfred
Bennett, David John
Jones, Albert Walter
Moore, Humphrey Owen
Parker, Cecil David

ORGANIC CHEMISTRY. THIRD YEAR. THEORETICAL AND PRACTICAL. (52 and 53.).

Passed with Credit (in order of merit):
Price, James Robert
Parker, Cecil David
Forder, Douglas Highmoor

Passed (in alphabetical order):
Bennett, David John
LeMessurier, David Hugh

ELEMENTARY PHYSICAL CHEMISTRY. (151b.).

Passed with Credit (in order of merit):

Mitchell, Thomas Oliver
Kemp, Henry Kenneth

Passed (in alphabetical order):

Hutton, Edward Mark
Lloyd, Hugh Arthur
McBain, Norman John
Seppelt, Ian Howe
Smith, Cedric Alfred Neal
Watson, Ruth

GEOLOGY I. (55.).

Passed with Credit (in order of merit):

Cromer, D'Arcy Ananda Neil
Forder, Douglas Highmoor
McPherson, Raeburn Foster
Boundy, Clive Alfred Paul }
Kemp, Henry Kenneth }
Hardy, Evan Lovell
Hutton, Edward Mark
Mitchell, Thomas Oliver
Redden, Martin Philip }
Wilmshurst, Maurice G. }

Passed (in alphabetical order):

Adams, Colin Francis
Allison, John Kenneth
Angel, Laura Madeline
Bell, Edith Bevilacqua
Bonnin, Murray Frew
Bourke, Elma Marie
Brockmeyer, Albert Henry
Butcher, Colin Sydney
Cain, Gilbert Roy Gladstone
Carroll, Mary Philomena
Condon, Herbert Thomas
Cosh, James Malthouse
Cottle, Victor McDonnell
Cox, David William
Edwards, Victor Wilfred A.
Foote, George Buchanan
Goss, Edward Terence
Hancock, Gordon Campbell
Harral, Geoffrey Milne
Harris, Dudley Andrew
Harris, Joan Mildred
Hooper, Peter Laurence
Kiek, Sidney Noel
Krieg, Erwin Oswald
Lamshed, Maxwell Robert A.
Lawson, Frederick Henry
LeCornu, Collin George
Love, Colin Campbell
Luff, Vernon Sebery
McBain, Norman John
McCloughry, Claude L., B.E.
McDonald, John Hunter
Martin, Walter Raymond
Munro, Stuart Brooker
Murn, Harold Brunswick
Osman, Ralph Hanson
Paul, Kevin Carroll
Peake, Archibald Thomas L.
Prince, Beryl Lloyd
Rance, George Howe
Richardson, Middleton Bart
Schneider, Wilfred Carl, B.A.
Schultz, Donald Herbert
Sharley, Elma May
Shnukal, Jack
Smith, Cedric Alfred Neal
Smith, Charles Samuel
Smith, Jack Edwin
Smith, Lewis Walter
Tomlinson, Jack N. G.
Watson, Ruth
Welbourn, Alan Egerton
Wells, Francis Alfred
Wright, Charles Frederick
Yelland, Joan Mary

GEOLOGY, PART II. (56.).

Passed with Credit:

Cromer, D'Arcy Ananda Neil

Passed (in alphabetical order):

Johnston, John
Kay, Cecil Bernhard
Rooney, Gwenyth Minnie

GEOLOGY, PART II. (56.). FOR MINING, METALLURGICAL, AND AGRICULTURAL STUDENTS.

Passed:

Dowie, David Lincoln

GEOLOGY, PART III. (57.).

Passed with Credit (in order of merit):

Kleeman, Alfred William
Tindale, Norman Barnett

Passed (in alphabetical order):

Barnes, Thomas Alfred
Magarey, Kathleen deB., B.A.

MINING GEOLOGY. (59.).

Passed with Credit (in order of merit):

Edwards, Allan K. M., B.Sc.
Dowie, David Lincoln

ENGINEERING GEOLOGY. (60.). (September Examination.)

Passed (in alphabetical order):

Francis, Wilfred Galton
Gerny, John Seavington
Kleeman, Alfred William
Langevad, Eric James
Sparrow, Maxwell Elliott

BOTANY I. (62a.).

Passed with Credit (in order of merit):

Ray, Nancy Maud
Hubble, George Dixon

Passed (in alphabetical order):

Cooke, Barbara Ternent
Day, Gordon Philip
Fornachon, John Charles M.
Hanley, Jack Winchester
Holding, Geoffrey Bertram
Laurence, Joan Mary
McEllister, Edward Thomas
McKenzie, Leslie Donald
Machell, John Edward Lewis
Mathews, David Stanley
Mead, Marjory
Miller, Christine Gray
Murphy, Mary
Ninnes, Arthur Reginald
Pryor, Lindsay Dixon
Riceman, David Stirling
Sharpe, William George
Smith, Raymond Thomas
White, Helen Marie

Awarded the John Bagot Scholarship: Ray, Nancy Maud

Proxime Accessit: Hubble, George Dixon

Passed in the Medical Section Only:

Lloyd, Hugh Arthur

BOTANY II. (62b.)

Passed with Credit (in order of merit):

Hutton, Edward Mark
Kemp, Henry Kenneth
} Smith, Cedric Alfred Neal

Passed (in alphabetical order):

Claridge, Evelyn Dorothy
Cromer, D'Arcy Ananda Neil
Kay, Cecil Bernhard
Mitchell, Thomas Oliver
Watson, Ruth

BOTANY III. (62c.).

Passed (in alphabetical order):

Barrien, Beryl Stoddart
Magarey, Kathleen deB., B A.

PLANT PHYSIOLOGY. (64b.).

Passed with Credit:

Herriot, Robert Irvine

Passed:

Elliott, Kenneth Alexander

ZOOLOGY I. (65.).

Passed with Credit (in order of merit):

Hubble, George Dixon
Phillips, Zoe Somerset
Pritchard, John Joseph
Ray, Nancy Maud
Fornachon, John Charles M

Passed (in alphabetical order):

Casson, Paul Bevis
Day, Gordon Philip
Goode, John Reginald
Griffey, Norma Hazel
Kay, Cecil Bernhard
Kuchel, Clemens Carl
Lloyd, Hugh Arthur
Moloney, Sheila Patricia
Motteram, Reginald
Mylonas, Stelios De
Riceman, David Stirling

ZOOLOGY II. (66a.).

Passed:

Fricker, Vera May

ZOOLOGY III. (66a.).

Passed with Credit:

Booth, Edward Stirling

PHYSIOLOGY. (69a.).

Passed (in alphabetical order):

Booth, Edward Stirling
LeMessurier, David Hugh
Moore, Humphrey Owen
Seppelt, Ian Howe

BIOCHEMISTRY. (69a.).

Passed with Credit (in order of merit):

Kemp, Henry Kenneth
Smith, Cedric Alfred Neal

Passed (in alphabetical order):

Hutton, Edward Mark
Mitchell, Thomas Oliver
Seppelt, Ian Howe

HISTOLOGY.

Passed (in alphabetical order):

Chapman, Edith Helena
Goode, Joan

AGRICULTURE II. (71.).

Passed with Credit:

Mitchell, Thomas Oliver

Passed (in alphabetical order):

Day, Gordon Philip
Hutton, Edward Mark
Kemp, Henry Kenneth
McBain, Norman John
Smith, Cedric Alfred Neal

APPLIED MECHANICS II. (73.).

Passed (in alphabetical order):

Fisher, James Hubert T.
Thomas, Harold Davey

STRENGTH OF MATERIALS. (74.).

Passed with Credit (in order of merit):

Corpe, John Wood
Huddleston, Stanley Ernest

Passed (in alphabetical order):

Anders, Ralph Charles
Boehm, Rolfe Vernon
Brooks, Richard Rodney
Bullock, John Hynam
Burnard, Donald Frank
Chapman, Stanley B., B.Sc.
Chapman, William Glanville
Fisher, James Hubert T.
Hills, George Watherston
Howell, Murray Wentworth
Lapidge, Jack Stanley
Murn, Harold Brunswick
Thomas, Harold Davey

ASSAYING I. (75.).

Passed with Credit:

Cottrell, Eric

Passed:

Boundy, Clive Alfred Paul

ASSAYING II. MINING COURSE. (77.).

Passed with Credit:

Dowie, David Lincoln

BUILDING CONSTRUCTION I. (80.).

Passed with Credit:

Redmond, John Bice

Passed:

Howell, Murray Wentworth

ARCHITECTURAL CONSTRUCTION AND PRACTICE. (80a.).

Passed (in alphabetical order):

Hall, James Stanley
Hassell, Frank Colin

DRAWING I. (81.).

Passed with Credit (in order of merit):

Whittle, Donald George
Kelsey, Oswald Mortimer
Walter, Harold Noal
Wight, Albert James

Passed (in alphabetical order):

Baker, Michael Joseph
Cooper, Geoffrey Day T.
Dallwitz, Eric Otto
Goode, Thomas Ryall
Pomroy, Alan Browning
Smith, Sidney William
Stevenson, Arthur James
Thomas, Rendel Kyffin
Welbourn, Alan Egerton

ANTIQUE DRAWING I. (81a.).

Passed (in alphabetical order):

Dallwitz, Eric Otto
Hookings, Ronald William
Redmond, John Bice
Welbourn, Alan Egerton

MODELLING I. (81a.).

Passed (in alphabetical order):

Dallwitz, Eric Otto
Hookings, Ronald William
Redmond, John Bice
Welbourn, Alan Egerton

DRAWING II. (82.).

Passed with Credit (in order of merit):

Gazard, John Anthony
Jones, Alfred Sidney
Hall, William George P.
Cottrell, Eric
Howell, Murray Wentworth
Allen, Gordon Vivian
Lapidge, Jack Stanley

Passed (in alphabetical order):

Boundy, Clive Alfred Paul
Brooks, Richard Rodney
Chapman, William Glanville
Dawson, Geoffrey Dean
Johnstone, William Watson
Nolan, John Mansell
Shnukal, Jack

DESCRIPTIVE GEOMETRY I. (84.).

Passed with Credit:

Hookings, Ronald William

DESCRIPTIVE GEOMETRY II. (84a.).

Passed in Geometrical Projection of Shadows II only:

Walkley, Gavin

BUILDING DRAWING I. (84b.).

Passed with Credit (in order of merit):

Gilbert, Stephen Hamilton
Redmond, John Bice

MEASURED DRAWING AND SKETCHING. (84c.).

Passed with Credit (in order of merit):

Walkley, Gavin
Barker, Edgar James

DRAWING FROM ANTIQUE II. (84d.).

Passed with Credit:

Walkley, Gavin

PROJECTION OF SHADOWS I.

Passed with Credit (in order of merit):

Hookings, Ronald William
Redmond, John Bice

ELECTRICAL ENGINEERING I. (85a.).

Passed (in alphabetical order):

Chapman, Stanley B., B.Sc.
Gibbs, Allan George
Harvey, Raymond Hynson
Langevad, Eric James
Rogers, Charles Malcolm
Rowell, Keith Addison
Shnukal, Jack
Sparrow, Maxwell Elliott

ELECTRICAL ENGINEERING II. (85.).

Passed (in alphabetical order):

Fielding, Arthur Walter
Gratton, Mephan John

FITTING AND TURNING I. (86.).

Passed with Credit (in order of merit):

Walter, Harold Noal
Whittle, Donald George
Wight, Albert James
Chapman, Stanley B., B.Sc.
Goode, Thomas Ryall

Passed (in alphabetical order):

Ashton, Thomas Edward
Baker, Michael Joseph
Cooper, Geoffrey Day T.
Cuming, Jack Colin
Kelsey, Oswald Mortimer
Pomroy, Alan Browning
Rogers, Charles Malcolm
Smith, Sidney William
Stevenson, Arthur James
Thomas, Arthur Robin
Thomas, Rendel Kyffin

FITTING AND TURNING II. (87.).

Passed (in alphabetical order):

Brooks, Richard Rodney
Corpe, John Wood
Coventry, Frederick Spencer
Dawson, Geoffrey Dean
Fisher, James Hubert T.
Hardy, Lindsay John
Huddleston, Stanley Ernest
Johnstone, William Watson
Nicholson, Ian Lancaster

FITTING AND TURNING III. (88.).

Passed with Credit (in order of merit):

Brooks, Richard Rodney
Thomas, Harold Davey

Passed:

Simpson, Robert Allen

FITTING AND TURNING IV. (88a.).

Passed:

James, Clarence Keith

DESIGN OF STRUCTURES I. (89a.).

Passed (in alphabetical order):

Adams, Colin Francis
Dowie, David Lincoln
Haydon, James Patrick
Jones, Herbert William
Moyses, Bertram Ivey

DESIGN OF STRUCTURES II. (89.).

Passed with Credit:

Gerny, John Seavington

Passed (in alphabetical order):

Cockburn, Robert Forbes
Fleming, Hugh Douglas
Gibbs, Allan George
Gilbert, Stephen Hamilton
Jones, Herbert William
Langevad, Eric James
Moyses, Bertram Ivey
Rowell, Keith Addison
Sparrow, Maxwell Elliott

MACHINE DESIGN I. (90.).

Passed with Credit (in order of merit):

Huddleston, Stanley Ernest
Shnukal, Jack

Passed (in alphabetical order):

Brooks, Richard Rodney
Bullock, John Hynam
Burnard, Donald Frank
Chapman, Stanley B., B.Sc.
Chapman, William Glanville
Cudmore, Peter McC.
Fisher, James Hubert T.
Harvey, Raymond Hynson
Howell, Murray Wentworth
Nolan, John Mansell
Thomas, Harold Davey
Young, Andrew Henry

MACHINE DESIGN II. (91.).

Passed with Credit (in order of merit):

Corpe, John Wood
James, Clarence Keith
} Turner, Edward Robert, B.E.

ENGINEERING FINANCE. (92.). (September Examination.)

Passed with Credit (in order of merit):

Honnor, Wilfrid W., B.Sc.
Rowell, Keith Addison

Passed (in alphabetical order):

Button, Reginald Ernest
Corpe, John Wood
Fielding, Arthur Walter
Gazard, John Anthony
Jacob, Charles Ernest F.
Jones, Herbert William
Langevad, Eric James
Simpson, Robert Allen
Sparrow, Maxwell Elliott

MECHANICAL ENGINEERING I. (93.).

Passed with Credit:

Symons, Jack Gilroy
Whittle, Donald George
Wight, Albert James

Passed (in alphabetical order):

Baker, Michael Joseph
Cooper, Geoffrey Day T.
Goode, Thomas Ryall
Johnstone, William Watson
Jones, Alfred Sidney
Kelsey, Oswald Mortimer
Pomroy, Alan Browning
Shnukal, Jack
Smith, Sidney William
Stevenson, Arthur James
Thomas, Arthur Robin
Thomas, Rendel Kyffin
Walter, Harold Noal

MECHANICAL ENGINEERING II. (94.).

Passed with Credit:

Gerny, John Seavington

Passed (in alphabetical order):

Adams, Colin Francis
Brooks, Richard Rodney
Cottrell, Eric
Huddleston, Stanley Ernest
Lapidge, Jack Stanley
Nicholson, Ian Lancaster
Raftery, John Aldborough
Shnukal, Jack
Thomas, Harold Davey
Young, Andrew Henry

MECHANICAL ENGINEERING IV. (96.).

Passed:

Simpson, Robert Allen

METALLURGY I. (97.).

Passed with Credit (in order of merit):

Boundy, Clive Alfred Paul
Dowie, David Lincoln
Cottrell, Eric

MINING I. (101.).

Passed (in alphabetical order):

Boundy, Clive Alfred Paul
Cottrell, Eric
Calder, Rex F. C., B.E.

MINING II. (102.).

Passed:

Lock, William Ewart

MINING III. (103.).

Passed with Credit:

Dowie, David Lincoln

CIVIL ENGINEERING I. (104.).

Passed with Credit:

Button, Reginald Ernest

Passed (in alphabetical order):

Bullock, John Hynam
Machin, George Herbert
Hills, George Watherston
Simpson, Robert Allen

RAILWAY ENGINEERING. (104a.).

Passed with Credit:

Corpe, John Wood

Passed (in alphabetical order):

Adams, Colin Francis
Honnor, Wilfrid Weston, B.Sc.
Chapman, Stanley B., B.Sc.

CIVIL ENGINEERING II. (105.).

Passed with Credit:

Gerny, John Seavington

Passed (in alphabetical order):

Cockburn, Robert Forbes
Langevad, Eric James
Gibbs, Allan George
Moyses, Bertram Ivey
Jones, Herbert William
Rowell, Keith Addison
Kinnaird, Alexander Ross
Sparrow, Maxwell Elliott

Passed (unclassified, having passed previously in Hydraulics):

Jacob, Charles Ernest Frederick

HYDRAULICS. (105a.).

Passed (in alphabetical order):

Adams, Colin Francis
Calder, Rex F. C., B.E

SURVEYING I. (106.).

Passed with Credit:
Cromer, D'Arcy Ananda Neil

Passed (in alphabetical order):
Casson, Paul Bevis
Kay, Cecil Bernhard
Murn, Harold Brunswick
Young, Andrew Henry

SURVEYING Ia. (106a.).

Passed with Credit:
Hassell, Frank Colin

Passed (in alphabetical order):
Hall, James Stanley
Harvey, Raymond Hynson

SURVEYING COMPUTATIONS. (106b.).

Passed with Credit:
Gazard, John Anthony

Passed (in alphabetical order):
Fleming, Hugh Douglas
Haydon, James Patrick
Hills, George Watherston
Murn, Harold Brunswick
Thomas, David John Saint

SURVEYING II. (107a.).

Passed with Credit:
Gibbs, Allan George

Passed (in alphabetical order):
Dowie, David Lincoln
Gazard, John Anthony
Jones, Herbert William
Moyses, Bertram Ivey
Rowell, Keith Addison
Sparrow, Maxwell Elliott

SURVEYING III. (107b.).

Passed (in alphabetical order):
Dowie, David Lincoln
Gibbs, Allan George
Langevad, Eric James
Rowell, Keith Addison
Sparrow, Maxwell Elliott
Stephenson, Thomas Howard
Ward, Leonard Rosslyn

WOODWORK. (108.).

Passed with Credit:
Dallwitz, Eric Otto

Passed (in alphabetical order):
Boehm, Rolfe Vernon
Welbourn, Alan Egerton

ARCHITECTURAL HISTORY I. (109.).

Passed with Credit:
Redmond, John Bice

Passed:
Barker, Edgar James

ARCHITECTURAL HISTORY II. (109a.).

Passed:
Walkley, Gavin

ARCHITECTURAL DESIGN II. (109c.).

Passed (in alphabetical order):

Gilbert, Stephen Hamilton
Hall, James Stanley
Hassell, Frank Colin

INDUSTRIAL ENGINEERING.

Passed:

Calder, Rex Finlayson Cormack, B.E.

FACULTY OF LAW.

DEGREE OF BACHELOR OF LAWS.

(In order of merit.)

ELEMENTS OF LAW AND LEGAL AND CONSTITUTIONAL HISTORY. (110.).

First Class:

Badenoch, Reginald Leslie
Gregory, Audrey Neva

Second Class:

Burton, Nancy Glen
Matthews, Gladys Mary P.
Cocks, Arthur Wellesley
Ward, Robert Hayes
Bonnin, Murray Frew
Nancarrow, Cyril Gawler
Davoren, Thomas A. F.
Redman, James Johnston

Third Class:

Harniman, William Ronald
Field, Frederick Laurence
Brown, Robert Foster
Habib, George Assaf
Odlum, Reginald Lance
Porter, Robert Evelyn
Elliott, Lionel John
Mayo, Clarice Elton
Stokes, Robert Francis
Davey, John Ryan
Hutchison, Charles V. S.
McFarlane, John Preiss

LAW OF CONTRACTS. (111.).

First Class:

Gilmore, Jean
Matthews, Gladys Mary P.
Litchfield, Kenneth Lyle

Second Class:

Badenoch, Reginald Leslie
Walker, Christina Annie
Wilson, Molly Jean
Wright, Leslie McLean

Third Class:

Whimpress, Thomas Abraham
Harniman, William Ronald
Sykes, Howard de Pledge
Hutchison, Charles V. S.
Redman, James Johnston
Nancarrow, Cyril Gawler
Kinnane, Alexander John
Badger, Lena Jessie
Odlum, Reginald Lance

LAW OF PROPERTY, PART I. (112.).

First Class:

Sangster, Alexander Keith

Second Class:

Mitchell, Roma Flinders — Brocksopp, John Ernest
Gilmore, Jean

Third Class:

Litchfield, Kenneth Lyle — Clark, John Osborne
Elliott, Keith — Davoren, Michael Dominic
Moodie, Colin Troup — Rowe, Colin Davies
Alexander, Rosemary M. B.
McLaughlin, Eric Enstone

LAW OF PROPERTY, PART II. (112a.).

Third Class:

McGee, Edward Patrick — Robertson, Donald A.
Sergeant, Maxwell Stuart — Glynn, Brian McMahon
Morris, Gronwy Lewis — Bright, Charles Hart
Irving, Henry Edward — Davis, Raymond William
Napier, Robert Mellis

LAW OF WRONGS. (113.).

First Class:

Litchfield, Kenneth Lyle
Mitchell, Roma Flinders

Second Class:

Williams, Donald Carter — Gilmore, Jean
Moodie, Colin Troup — Sangster, Alexander Keith
Wilson, Molly Jean — McLaughlin, Eric Enstone

Third Class:

Puddy, Albert Forwood — Bright, Charles Hart
Sergeant, Maxwell Stuart — Clark, John Osborne
Frick, Majorie May — Whitington, Richard S.

LAW OF EVIDENCE AND PROCEDURE. (114.).

Second Class:

Bray, John Jefferson — Besanko, Maurice Hier
Isaachsen, Oscar Cedric — Hunter, Brian Oswald
Taylor, Trevor Roy — Fraser, Harry Lovat

Third Class:

Judell, Vivienne — Maitland, James Angus
Smith, John Jeffreys — Sergeant, Maxwell Stuart
Young, Martin — Macdonald, Keith Alexander
Glynn, Brian McMahon — Linn, Beryl Eileen
Irving, Henry Edward

CONSTITUTIONAL LAW. (115.).

First Class:

Bray, John Jefferson — Hunter, Brian Oswald

Second Class:

Moodie, Colin Troup
Fraser, Harry Lovat
Smith, John Jeffreys
Judell, Vivienne
Worth, Frank Lindsey

Third Class:

Isaachsen, Oscar Cedric
Clark, Robert John
Jessup, George Aubrey
Besanko, Maurice Hier
Sangster, Alexander Keith
Alexander, Rosemary M. B.
Morris, Shirley Victoria
Mitchell, Roma Flinders

ROMAN LAW. (116.).

Third Class:

Maitland, James Angus

JURISPRUDENCE. (117.).

Third Class:

Abbott, Herbert Lewis

PRIVATE INTERNATIONAL LAW. (118.).

First Class:

Judell, Vivienne

Second Class:

Besanko, Maurice Hier
Bray, John Jefferson
Hunter, Brian Oswald
Smith, John Jeffreys
Tuck, Bernard Geoffrey
Irving, Henry Edward
Isaachsen, Oscar Cedric
Maitland, James Angus

Third Class:

Clark, Robert John
Morris, Shirley Victoria
Fraser, Harry Lovat
Heath, Trevor J. G., B.A.
Walsh, Kevin Gerald
Elliott, Keith
Solomon, Helen Ethel
Hunkin, Leonard Dale
Macdonald, Keith A.
McGee, Edward Patrick
Padman, William Donald
Glynn, Brian McMahon
Menzies, Duncan
Napier, Robert Mellis

Awarded Stow Prizes:

Gregory, Audrey Neva
Litchfield, Kenneth Lyle

Awarded the David Murray Scholarship:

Bray, John Jefferson
Hunter, Brian Oswald

FACULTY OF MEDICINE.

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

FIRST EXAMINATION (First Year).

Passed with Credit (in order of merit):

Thomson, Alexander McQ.
Pritchard, John Joseph
Turnbull, Gordon McLeod
Basedow, Carl John
Sutherland, Hamilton D'Arcy
Fox, Ina Alice Owen
Wilson, Robert Kevin

Passed (in alphabetical order):

Boscence, William Edward B.
Bowering, Owen Wheatley
Davis, Hubert Garth
Douglas, Alexander Charles
Dutton, Alice Irene
Formby, Richard Harper
Reid, Max Bertram
Ryan, Naomi Rosslyn

Awarded the Elder Prize: Thomson, Alexander McQueen

SECOND EXAMINATION (Second Year).

Passed with Credit (in order of merit):

Watson, George Michael
Frayne, John Felix

Passed (in alphabetical order):

Ambrose, Betty Rosslyn
Chapple, Colin Frederic
Fotheringham, James David
Gray, Frederic Victor
Heard, Kenneth Harold
Jolly, Bertram Morris
Lawson, Beryl Lyda
Norman, William Gowan
Ray, John
Salter, William Fulton
Tamblyn, Eric Joseph

THIRD EXAMINATION (Third Year).

Passed with Credit (in order of merit):

Oaten, Harold Richard H. N.
Crosby, Neil Daniel
Bennett, Graham Leslie
Gibson, George Taylor
Magarey, Frank Rees
West, Robert Frank
White, Joan Hazel
Leitch, Oliver Westwood

Passed (in alphabetical order):

Bickford, Richard Nevill C.
Bonnin, Josiah Mark
Flannagan, Chris Patrick
Haslam, Margaret Martha
Hodby, Kenneth Wellesley
Holland, Laurence Corin
Humphrey, Alfred Henry
McLarty, Thomas Leslie
Swan, Charles Spencer
Tonkin, Raymond George
Welch, Frank Edison

Awarded the Dr. Davies Thomas Scholarship:
Oaten, Harold Richard Hugh Noel

FOURTH EXAMINATION (Fifth Year).

Passed with Credit (in order of merit):

Dorsch, Wilhelm Bernhard
Turner, Frederic Boyd
Fletcher, Malcolm Weld
Colebatch, John Houghton
Harris, William Patrick

Passed (in alphabetical order):

Bowering, Beryl
Corbin, John Ogilvie
Flaherty, Francis Ignatius
Gunson, John Michael M.
Hayes, Horace Townsend
Jens, John Matthias Joseph
Johnston, John Harvey
Myers, Arthur Mervyn
Rice, Vincent dePaul L.
Simpson, Frederick William
Wallace, Frank Kenneth

Awarded the Dr. Davies Thomas Scholarship:

Dorsch, Wilhelm Bernhard

FINAL EXAMINATION (Sixth Year).

Passed with Credit (in order of merit):

Gray, James Hugo
Miller, Malcolm William
O'Connor, Richard Joseph
Pellew, Leonard James T.
Hayward, John Lionel
Southwood, Harry Milton
Cock, Leonard Ambrose
Price, Charles William R.
Cleland, Margaret Burton

Passed (in alphabetical order):

Beech, Ernest Robert
Bonnin, Noel James
Edwards, Karl Francis
Flecker, Margaret Mabel
Gallagher, William Edward
McLean, Leonard Allan
Plummer, Violet Myrtle
Robjohns, Henry Collin

Awarded the Everard Scholarship:

Gray, James Hugo
Miller, Malcolm William
O'Connor, Richard Joseph
Pellew, Leonard James T.

Awarded the Dr. Chas. Gosse Medal for Ophthalmology:

Price, Charles William Russell

Awarded the B.M.A. (Section of Clinical Medicine) Prize in Medicine:

Miller, Malcolm William
O'Connor, Richard Joseph

FACULTY OF DENTISTRY.

DEGREE OF BACHELOR OF DENTAL SURGERY.

FIRST YEAR.

Passed (in alphabetical order):

Johnston, Ross George
King, Colin George

THIRD YEAR.

Passed (in alphabetical order):

Clarke, Harold Vernon
Randle, Florence L. Miller

FOURTH YEAR.

Passed in General Medicine and General Surgery:

Frayne, Graham Arthur
Jungfer, Lorenz Wilfred
Lewis, Kevin Joseph
Packer, Mina
Tidemann, Ernest Phillips

FIFTH YEAR.

Passed (in alphabetical order):

Delmont, William George
Fitzgerald, Gerald
Lewis, Gwenyth Elizabeth
Pellew, Janie Christobel
Scollin, James

FACULTY OF MUSIC.

DEGREE OF DOCTOR OF MUSIC.

FINAL EXAMINATION.

Burnard, David Alexander, Mus.Bac.
Exercise approved in August, 1932.

DEGREE OF BACHELOR OF MUSIC.

FIRST EXAMINATION.

Passed with Credit:

Petrie, Enid Beatrice

SECOND EXAMINATION.

Passed:

Grimes, Louise Catherine

COMPOSITION (under Regulation 9, Section 1).

Passed:

Finnis, Horace Percy, M.A.
Pryor, Cecilia Marie

DIPLOMA OF ASSOCIATE IN MUSIC.

FIRST YEAR.

The following candidates passed in the whole examination:

	Principal Subject.
Foster, Yvonne May	Singing
Hammond, George Rowland	Pianoforte
Robinson, Mary Patricia	Pianoforte
Wickes, Mavis Mary	Violin

The following candidate passed in the subject indicated, thereby completing the whole examination:

Hardman, Clement	Theory of Music

SECOND YEAR.

The following candidates passed in the whole examination:

	Principal Subject.
Ashton, Kathleen Anne D.	Singing
Bowen, Gordon Melville	Organ
Fisher, Winifred Louise	Pianoforte
Hakendorf, Jens Haylett	Violin
Upton, Alethea Mary	Pianoforte

The following candidate passed in the subject indicated, thereby completing the whole examination:

Rofe, Joyce Newton	Practical (Singing)

The following candidates passed only in the subjects indicated:

Hardman, Clement	Practical (Singing)
Murphy, Dorothy Maude	Practical (Singing)
Pilgrim, Margaret Kathleen	Practical (Violin)

THIRD YEAR.

The following candidates passed in the whole examination:

	Principal Subject.
Barnden, Vina Melba	Pianoforte
Finch, Laura Evelyn	Pianoforte
Reimann, Leta Edith	Singing

The following candidate passed in the subject indicated, thereby completing the whole examination:

Hooker, George	Practical (Violin)

The following candidates passed only in the subjects indicated:

Anderson, Jean	Counterpoint and History of Music
Collins, Yensie Margaret	Harmony, Counterpoint, and History of Music
Hodder, Marjorie Norma	Counterpoint and History of Music
Porter, Muriel Mary	Harmony, Counterpoint, and History of Music
Rofe, Joyce Newton	Counterpoint and History of Music
Thomson, Dorothy Joyce	Harmony and Counterpoint
Virgo, Jean Ysobel	Harmony, Counterpoint, and History of Music

BOARD OF COMMERCIAL STUDIES.

DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION.

ACCOUNTANCY I.

Passed with Credit (in order of merit):

Day, Colin Maxwell	Chapple, Keith Fletcher
Davis, Raymond Colin	Praetz, Harry Norman
Brown, Henry, M.A.	Hill, William Charles
	Jeffery, George Henry

Passed (in alphabetical order):

Armitage, Harry Robertson	Dynon, William Ralph
Ashton, Alec James	Frost, Richard Lewis, B.Sc.
Bowden, Harry Frederick	Giles, Dorothy Ettry
Braddock, Dudley Warwick	Haddad, Victor
Brice, Alan Herbert	Hanley, Alice
Buring, Oscar Geoffrey	Harris, Norman Alexander
Cobiac, Leo William	Hay, Ian Harris
Day, Frank Vernon	Healy, Francis Robert
Dowie, Jean Phillis	Hill, George Walter
Duffield, Gordon Llewellyn	Hoare, Ronda Florence

Hounslow, Gordon Richard
Jackson, Leslie Colin
James, Walter Colin
Jeffery, Roy Gordon
Langcake, William Charles
Lapthorne, Cecil Lindsay J.
Love, Ronald Beaumont
Matthews, Leonard George
Milne, Lorna Margarette
Mitchell, John Turnbull
Moore, Warwick Grey
Nairn, Donald Maxwell
Neale, Dion Lindsay
Nettle, Kenneth Ralph
Paltridge, Colin Castle
Patterson, Robert Banks
Pollnitz, Percy Frederick
Roberts, James Andrew
Rose, Vivian Clement
Runge, Maxton Koeppen
Taylor, Raymond Fyfe
Templer, Stanley Samuel
Townsend, Sydney Douglas
Verco, Wilfred Douglas
Vincent, Mary
Ward, Peter Graham
Webb, George Carlile
Whitwell, Bruce Dowland
Winterbottom, Harold Denis

ACCOUNTANCY II.

Passed with Credit:

Oliver, Raymond Charles

Passed (in alphabetical order):

Fisher, Harold Henry
Moore, Walter Harry
Prior, Olive Cora
Raymond, Reginald Norman
Woolcock, Alan Burnett

ACCOUNTANCY III.

Passed with Credit:

Ellis, Kevin Clifford Keith

Passed (in alphabetical order):

Chettle, Walter Richard
Davis, Noel Hewitson
Glastonbury, Oliver Albert I
Kelsey, Jack
Potter, Donald Roy
Ransom, William Robert G.
Rush, Herbert Stanley
Williams, Edward George

ECONOMICS.

Passed (in alphabetical order):

Archibald, Alan Greeves
Balchin, Leonard Jack
Baulderstone, Donald
Cox, Charles Wylde
Donaldson, John Monfries
Easson, Leonard John
Ellis, Fred Leon
Heairfield, Reginald C. V.
Howland, Arthur Stilville
James, Walter Colin
Johnson, Harry Witter
Johnston, Charles Lindsay
Johnston, Ross Crase
Kelsey, Jack
Kenihan, John Dudley
McAuliffe, Lionel Frank
Nettle, Kenneth Ralph
Newland, John Creswell
Oliver, Edward Bruce
Ophel, Ralph Burnell
Parish, Kinnish Vivian
Pike, Vernon Horace Charles
Pollnitz, Percy Frederick
Reseigh, Claude Edgar
Riches, Robert Wilfred
Roberts, James Andrew
Russell, Andrew Earl L.
Schneider, Wilfred, B.E.
Searcy, John Dudley
Taylor, Walter Henry

COMMERCIAL PRACTICE.

Passed with Credit (in order of merit):

Bayly, Jack Harold Fellowes
Bleby, Gordon E. H., LL.B.
Adams, Harry Charles
Eddy, John Edwin

Passed (in alphabetical order):

Ashton, Alec James
Atkinson, Owen Herbert
Balchin, Leonard Jack
Bammann, Cuthbert Harvey
Blanchard, Ronald Claude
Bowden, Harry Frederick
Davis, James Lenton
Dowie, Jean Phillis
Duffield, Gordon Llewellyn
Fairweather, Hugh Vardon
Ferrar, Leonard Houghton
Fisk, Reginald Charles
Forbes, Wilfred Roy
Fotheringham, Robert Lewis
Frayne, Jack Edmonston
Garrett, Eric Mostyn
Hand, Allan
Hannon, James
Harris, Norman Alexander
Haslam, Alan Francis
Hirst, Ronald Robert
Isaachsen, Eric Eduard
Jackson, Leslie Colin
James, Walter Colin
Jeffries, Gordon Mervyne
Kelly, Hartleigh
McKee, Geoffrey Nolan
Matthews, Leonard George
Mayes, Stanley Herbert
Milne, Lorna Margarette
Moore, Warwick Grey
Moyes, Allan Charles
Nettle, Kenneth Ralph
Oliver, Raymond Charles
Robertson, John
Sambell, Amy Olive May
Scott, Hilary Robert
Sweeney, James
Thomas, David John Saint
Waldeck, Reginald David C.

STATISTICS I.

Passed with Credit (in order of merit):

Brown, Henry, M.A.
Kumnick, Donald Kerr
Shearer, Clifford G. T., B.A.
Dawbarn, Richard Bunbury

Passed (in alphabetical order):

Belcher, Milton Judson
Blair, James Beatton G.
Bowen, Arthur Geoffrey
Bramwell, Horace Gordon
Braunsthal, Norman Frank
Bridgland, Lionel Cedric
Burley, Arnold Robert
Cane, Jack
Chapple, Keith Fletcher
Daniel, Claude Alfred V.
Davis, James Lenton
Davis, Noel Hewitson
Dayman, Frank Arnold A.
Dermott, Alice May
Downs, Claude Edmund
Edwards, Alfred John
Edwards, Ernest Albert
Fewell, Stanley William
Fleming, Robert Colin
Gibb, Ernest Ullathorne
Green, Lawrence Goodwin
Jeffery, Charles Frederick
Kelly, Hartleigh
Kennedy, Mervyn George
Kesting, Ernest Arthur
Love, Ronald Beaumont
McAuliffe, Lionel Frank
Malcolm, Kathleen
Marshall, Theo John
Moncrieff, Joan Lorimer
Oliver, Raymond Charles
Peterson, Ronald John
Raffelt, Helene
Reilly, Laurence Joseph
Riches, Robert Wilfred
Rose, Vivian Clement
Runge, Maxton Koeppen
Sando, Maurice Hughes
Schulz, Ernst Adolph, B.E.
Simpson, Alfred Moxon, B.Sc.
Turner, Arthur Frederick
Vincent, Harry
Waldeck, Reginald D. C.
Walkington, Newton Gilbert

COMMERCIAL LAW I.

Passed with Credit:

Malcolm, Kathleen

Passed (in alphabetical order):

Atkinson, Owen Herbert
Beck, Kenneth John
Berry, Leslie Robjohns
Brooks, Sidney Rundle
Brown, Henry, M.A.
Chapple, Keith Fletcher
Christison, Margaret Jean
Day, Colin Maxwell
Dowie, Jean Phillis
Fletcher, John Weld
Gurry, Edward
Hill, George Walter
Hounslow, Gordon Richard
Johnston, Ross Crase
McKee, Geoffrey Nolan
McNamara, George Joseph
Masters, Reginald Keith
Milne, Lorna Margarette
Milsom, John Finlater
Mitchell, John Turnbull
Moyes, Allan Charles
Peterson, Ronald John
Roberts, Roy
Sambell, Amy Olive May
Schoff, Ernest Gladstone
Shearer, Clifford G. T., B.A.
Smith, Robert Carswell
Swan, Henry Leonard
Thompson, Horace Malcolm
Twiss, William Willmott
Verco, Wilfred Douglas
Waldeck, Reginald David C.
Walsh, Paul
Whelan, Patrick John

COMMERCIAL LAW II.

Passed (in alphabetical order):

Arthur, Maude Jessie
Bridgland, Lionel Cedric
Davis, James Lenton
Hocking, Henry Arthur
Letcher, William John
Moncrieff, Joan Lorimer
Reilly, Laurence Joseph
Thamm, Louis George
Whitwell, Bruce Dowland

POLITICAL INSTITUTIONS.

Passed (in alphabetical order):

Anthoney, Ernest
Coombe, Albert
Coombe, Samuel
Cottrell, Francis Allan
Craker, Arthur Ernest
Daniel, Claude Alfred V.
Davis, Arthur Colin
Gibbs, Thomas Jim
Gordon, Coleman Guildford
Jackson, Harold Ernest
Jeffery, Charles Frederick
Lee, Frank Botham
Messent, Esther Mary, B.A.
Millerd, Clifford James
Naylon, Augustine James
Pope, Hugh Gilmore
Reseigh, Claude Edgar
Richardson, Sydney Harold
Robinson, David Floyd
Sando, Maurice Hughes
Slade, James Henry Gray
Temme, Bernhard Robert

PUBLIC ADMINISTRATION.

Passed with Credit:

Edwards, Colin Arthur

Passed (in alphabetical order):

Burton, Roy Victor
Jackson, Harold Ernest
Lee, Frank Botham

ENGLISH COMPOSITION.

The following students satisfactorily completed the course:

Brice, Alan Herbert
Cameron, Elizabeth Mary
Coombe, Samuel
Davis, Jack Edgcumbe
Davis, Raymond Colin
Downs, Claude Edmund
Forbes, Wilfred Roy
Harrington, Joseph Carleton
Inns, Charles Stanley
Johnson, Harry Witter
Kelly, Hartleigh
Kelsey, Jack
Kenihan, John Dudley
Lee, Frank Botham
Letcher, William John
McDonald, Dorothy Patricia
Muecke, James Sunter
Oliver, Edward Bruce
Pullin, Roland Frank
Reseigh, Claude Edgar
Robertson, John
Scott, Hilary Robert
Slade, James Henry Gray
Stacy, Frank Donald
Swan, Henry Leonard
Turner, Percy Elliot
Whelan, Patrick John
Woodroffe, John Bertram

THE WAR.

ROLL OF HONOUR.

MEMBERS AND STUDENTS OF THE UNIVERSITY WHO FELL.

Harold Edwin Salisbury Armiage (Acting Major), *Arts*
Charles Ernest Bagot, *Applied Science*
Joseph Thomas Barnes, B.A
Brian Brock Bayly, B.Sc., M.C. (Captain)
Willoughby George Bell, B.Sc
John Wesley Blacket (Captain), *Arts*
Joseph Arnold Blacket (Lieutenant), *Arts*
Ernest Otto Alfred Bruns, *Arts*
Clive Britten Burden, M.B., B.S. (Captain A.A.M.C.)
Raymond Hadden Choat, *Commercial*
Gordon Llewellyn Crossman (Corporal), *Commercial*
Errol Cruickshank, *Law*
Arthur Leonard Davidson, *Arts*
George Campbell Davies, M.M. (Sergeant), *Science*
George Francis Davies (Corporal), *Arts*
John Newton Davies (Sergeant), *Arts*
Sylvester Sydney Day (Lance-Corporal), *Arts*
Frank Henry Dealy (Qualified for B.Sc.)
Cato Russell Haughton Dearlove, *Arts*
Sandford Rhodes Delbridge (Sergeant), *Law*
Victor Knowlton Dickinson (Corporal), *Arts*
Leslie Varley Duxbury (Lieutenant), *Conservatorium*
Melville Orchard Farmer, *Conservatorium*
Angus Salier Ferguson, B.A., LL.B. (Lieutenant)
Paul Charles Albert Fornachon, B.A., B.Sc. (Corporal)
Owen Richard Gard, *Conservatorium*
Joseph Gilbert, B.Sc. (Lieutenant)
James Leslie Gordon, LL.B. (Sergeant, A.A.M.C.)
Anthony Basil McKellar Hall (Sergeant), *Applied Science*
George Russell Hambidge (Acting Corporal), *Law*
Gilbert Aberdein Harvey, M.B., B.S. (Captain, R.A.M.C.)
Ernest Duncan Hewish, *Science*
William Paton Hoggarth (Lieutenant), *Applied Science*
Louis Gordon Holmes (Captain), *Commercial*
Leonard Charles Hornabrook (Second Lieutenant), *Arts*
Charles William Hooper, B.Sc. (Captain)
John Gilbert Jacob, *Arts*
Frederick Sampson Jeffery, *Arts*
Wilfrid Oswald Jose (Lieutenant), *Applied Science*
Julius August William Kayser (Major), *Arts*
Arthur Harold George Keley, *Arts*
Lyle Stanislaus Durham Klauer (Sergeant-Major), *Law*
Leonard Buxton Laurie (Lieutenant), *Arts*
Graham Holland Leaver (Lieutenant), *Applied Science*
Reginald Blockley Lucas, M.B., B.S. (Captain, R.A.M.C.)
Ronald George McKail, B.Sc. (Sergeant)

Clarence Roy McLaren (Sergeant), *Arts*
Louis Warnecke McNamara, B.E., M.M. (Sergeant)
John Brier Mills, L.L.B. (Major)
Sydney Sylvanus Mills, M.C. (Lieutenant), *Arts*
Harold Flinders Mitchell, Final Certificate in Law (Lieutenant)
Harold Eric Moody, LL.B. (Lieutenant)
Alan Wilson Morey, M.C. (Lieutenant), *Medical*
Gordon Albert Munro (Lieutenant), *Arts*
George Francis Jack Needham, A.C.U.A.
Arthur Restarick Nield (Lieutenant), *Commerce*
Edwin Bruce Olifent (Lieutenant), *Commercial*
George Harry Oswald, M.C. (Captain), *Arts*
Clarence Swann Padman, *Arts*
Geoffrey de Quetteville Robin (Sergeant), *Applied Science*
Alan Chamberlain Rodgers, *Science*
George Selway, *Law*
John Mitchell Sinclair (Sergeant), *Law*
Harry Burgan Slee, *Arts*
Cyril Forster Stephens, B.Sc. (Lance-Corporal)
Charles Price Tiver, *Science*
William Varley (Lieutenant), *Law*
George Gordon Watts (Lieutenant), *Commercial*
John Clarence Wells, M.B., B.S. (Major)
George Wheaton (Lieutenant), *Arts*

ROLL OF SERVICE.

In addition to the above, the following members and students of the University joined the Expeditionary Forces:—

Members of the Council.

†Denny, W. J., M.P., M.C. (Captain)
Hayward, W. T., C.M.G., LL.D., M.R.C.S.
Isbister, W. J., K.C., LL.B.

Members of the Staff.

Cavanagh-Mainwaring, W. R., M.B., B.S., White Eagle of Servia (Major)
Clark, E. V., B.Sc. (Lieutenant)
Cudmore, A. M., M.B., B.S. (Lieutenant-Colonel)
De Crespigny, C. T. C., M.D., B.S., D.S.O. (Colonel)
Downey, M. H., M.B., B.S., D.S.O. (Colonel)
Gartrell, H. W., B.A., B.Sc. (Lieutenant)
Gilbert, H., M.B., B.S., F.R.C.S.
Hamilton, J. A. G., B.A., M.B.
Hayward, W. T., C.M.G., LL.D., M.R.C.S. (Colonel)
Magarey, A. C., M.B., M.S.
Mawson, Sir Douglas, D.Sc. (Major)
Newland, H. S., M.B., M.S., C.B.E., D.S.O. (Lieutenant-Colonel)
Smeaton, Bronte, M.B., B.S.
Watson, Professor A. (Major)
Wilson, T. G., M.D., Ch.M. (Lieutenant-Colonel)

Graduates.

Abbott, N. B. G., M.B., B.S.
Addison, S. S., B.Sc., M.B.E.
Angwin, H. T. M., B.E.
Arnold, Edwin, M.B., B.S.
Baker, A. J. K., B.A.
Baker, R. A., M.B., B.S.
Barton, F. K., B.A.
Barlow, D. L., M.B., B.S., M.C
Bean, E. L., B.A.
Bean, A. R., M.B., B.S.
Beard, J. R. S. G., M.B., B.S., M.C.

† Wounded.

Beare, F. H., M.B., B.S.
Berriman, R. H., B.E.
Betts, L. O., M.B., B.S., O.B.E.
Birch, J. B., M.B., B.S., M.C.
Birks, W. R., B.Sc.
†Black, E. C., M.B., B.S.
†Black, G. H. B., M.B., B.S.
Blackburn, A. S., LL.B., V.C.
†Blackburn, J. S., B.A.
Blackburn, C. B., B.A., M.D., O.B.E.
Bollen, C., M.D.
Bollen, K. W., M.B., B.S.
Bragg, W. L., B.A., M.C., O.B.E.
Bray C. T., Final Certificate in Law
Broadbent, E. E., M.B., B.S.
Bronner, R., B.A.
Brown, James Watson, B.Sc., LL.B.
†Burgess, L. F., B.Sc., M.C.
†Burnard, R. G., M.B., B.S.
Burnell, G. H., M.B., B.S.
Cairns, H. W. B., M.B., B.S.
Calder, W. C., A.C.U.A., M.C.
†Campbell, G. C., B.A., LL.B., M.C. and Bar
†Carne, A. G., B.A., M.C.
Catchlove, S. G. L., M.B., B.S.
Caw, A. R., M.B., B.S.
†Chapman, R. H., B.E.
Chapple, A., B.Sc.
Chapple, Harold, B.Sc.
Chapple, Phoebe, M.B., B.S., M.M.
Cilento, R. W., M.B., B.S.
†Clayton, A. R., M.B., B.S., D.S.O.
†Cleland, W. L., B.E., C. de G. (Captain)
†Close, W. J., M.B., B.S.
Coghill, D. M. R., M.A.
Cole, C. R., B.Sc.
Collins, W. K., M.B., B.S.
Cooper, W. W., B.E.
Corbin, C., M.B., B.S.
Corbin, H., B.Sc.
Corry, S. L., M.B., B.S.
Cowan, G. D., LL.B.
Cowan, D. R. W., M.B., B.S.
Cox, E. B., LL.B.
Dart, R. J., B.E.
Darwin, L. J., B.Sc.
Davenport, A. V., Final Certificate in Law
Davies, H. W., M.B., B.S.
Davies, W. L., B.A., M.C.
Davey, R. S., Final Certificate in Law
Dawson, Dean, M.B., B.S.
Dolling, C. E., M.B., B.S.
Douglas, R. L., M.A.
Drew, C. F., M.B., B.S., M.C.
†Dumas, R. J., B.E.
Duncan-Hughes, J. G., M.C., M.A.
Fleming, T. G., M.B., B.S., M.C.
Fry, H. K., B.Sc., D.Ph., M.B., B.S., D.S.O.
†Gault, A. K., M.B., B.S.
George Mildred M., M.B., B.S.
†Giles, I. E., B.A.
Giles, N. S., B.Sc.
†Gill, L. W., B.E.
Gillen, J. B., M.B., B.S.
†Godfrey, K. C., M.B., B.S.
Goldsmith, F., M.B., B.S.
Goode, A., M.B., B.S.
†Goode, K. B., B.E.
Goodman, C. W., B.E.
Gray, W. W. E., B.E.
Grant, R. L. T., M.B., B.S.
†Greenway, H., B.E., D.S.O., C. de G.
Griffiths, T. L., LL.B.
Griffiths, E. W., M.B., B.S.
Gurner, Colin, M.B., B.S.
†Guymer, A. H., M.B., B.S.
Guymer, E. A., M.B., B.S.
Hall, N. B., M.B., B.S.
Hardy, A. B., LL.B.
Hardy, T. M., B.Sc.
Harris, R. Hope, A.C.U.A.
Haslam, L. H., LL.B.
Haste, R. A., B.Sc., M.B., B.S.
Hayward, L. A., M.B., B.S.
Hayward L. W., M.B., B.S.
Healey, K. J. B., Final Certificate in Law
Henderson, W., B.A., LL.B.
Hendry, C. A., A.C.U.A.
Heseltine, A. F., B.E.
Heuzenroeder, R. H., Final Certificate in Law

† Wounded.

Hill, A. C., B.A.
Holder, E. M., B.E.
Holder, S. E., M.B., B.S.
Holland, W. C., Final Certificate in Law
Hope, C. H. S., M.D.
Hope, Laura M. (Mrs. Chas.), M.B., B.S.
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Hutcheson, G. I. D., B.E.
†Jeffries, L. W., M.B., B.S., D.S.O., O.B.E.
Jones, E. B., M.B., B.S.
Jose, I. B., M.B., B.S., M.C.
Keipert, L. J., M.B., B.S.
Kendrew, G. H., M.B., B.S.
†Kenihan, R. L., M.B., B.S., M.C.
†Kennedy, A. L., B.E.
†Kerr, D., LL.B., M.M.
Kessell, S. L., B.Sc.
Kneebone, J. LeM., M.B., B.S.
†Kollosche, H. F., M.B., B.S.
Langdon, R. Y., B.Sc.
Le Lacheur, H., B.A.
Le Messurier, F. N., M.B., B.S., D.S.O.
Lendon, G. A., M.B., B.S.
Lewis, E. H., M.D., B.S.
Ligertwood, G. C., B.A., LL.B.
Linn, L. W., M.B., B.S.
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†Love, J. R. B., B.A., M.C. D.C.M.
McBride, W. J., M.C., B.Sc.
McBryde, F. B., LL.B.
McDonald, Ross, LL.B.
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McNeil, Ian, M.B., B.S.
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Martin, J. C., LL.B.
Martin, V. G., B.Sc.
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Moore, G. D., B.Sc.
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Muirhead, L. G., M.B., B.S.
Nicholson, H. J. G., B.E.
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Oldham, W., B.A.
O'Neill, S., M.B., B.S.
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Parkhouse, Devon, M.B., B.S.
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Penny, B.S., Final Certificate in Law
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Pomroy, H. R., M.B., B.S.
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Simpson, H. G. L., LL.B.
Skipper, S. H., LL.B.
Smith, F. S., Final Certificate in Law.

† Wounded.

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Wibberley, B. W., M.B., B.S., M.C.
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Wyllie, H. A., M.B., B.S., M.C.
Yates, Donald, B.E., M.C.
Yeatman, C., M.B., B.S., O.B.E.
Zwar, B. T., M.D., M.S

STUDENTS.

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†Beaumont, Paul C.
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†Pearce, J. E.
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Rayner, G. P., D.C.M.
Rendell, A.

† Wounded.

Sard, T. B. C.
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†Statton, J. W.
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†Maddern, C. B.
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Robertson, F. A.
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†Peirce, H.
Scott, H.
†Smith, P. T., D.C.M.
Somerville, A. S. R.
Sparrow, C. K.
Sutherland, A. J. L.
von Bertouch, L.
Wallace, N. V.
Ziesing, G. I.

† Wounded.

FACULTY OF MEDICINE.

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†Bennett, N. R.
Dorsch, C. E.
Harbison, E. J. K.
Hourigan, F. V.
Lindon, L. C. E.
Pryor, W. A.
Rayner, H.
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Webb, W. F. S.
White, Alan H.

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Creswell, J. T.
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Gordon, D. P.
Gordon, M. M.
Harris, F. R.
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Loan, W. C.
Mackie, G. N.
†Maddern, A. G.
†Martin, C. W.
Medlyn, E. L., M.C.
Mengerson, N. V.
Pennington, F. A.
Ponder, G. W. G., A.C.U.A.
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South, A. C.
Vertue, A. R.
†Watts, O. M.

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Alderman, V.
Raine, H.
Tolley, E. E.

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Adams, F. P.
†Berrill, F. C.
Eldridge, E.
Lyne, H. T.
†Gambrell, R. L. V.

† Wounded.

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 Com-

mander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University

And whereas under and by virtue of the provisions of an Act of the Legislature of South Australia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

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

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

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

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

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

By Warrant under the King's Sign Manual

ACT OF INCORPORATION.

The Adelaide University Act.

No. 20 OF 1874.

(Assented to, 6th November, 1874.)

Preamble.

WHEREAS it is expedient to promote sound learning in the Province of South Australia, and with that intent to establish and incorporate, and endow an University at Adelaide, open to all classes and denominations of Her Majesty's subjects: And whereas Walter Watson Hughes, Esquire, has agreed to contribute the sum of Twenty Thousand Pounds towards the endowment of two chairs or professorships of such University, upon terms and conditions contained in a certain Indenture bearing date the twenty-fourth day of December, one thousand eight hundred and seventy-two, and made between the said Walter Watson Hughes and Alexander Hay, Esquires, representing an Association formed for the purpose of establishing such University, a copy of which said Indenture is set forth in the Schedule hereto; be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

University to consist of Council and Senate.

1. An University, consisting of a Council and Senate, shall be established at Adelaide, and when duly constituted and appointed according to the provisions of this Act, shall be a body politic and corporate by the name of "The University of Adelaide," and by such name shall have perpetual succession, and shall adopt and have a common seal, and shall by the same name sue and be sued, plead and be impleaded, answer and be answered unto in all Courts in the said province, and shall be capable in law to take, purchase, and hold all goods, chattels, and personal property whatsoever, and shall also be able and capable in law to receive, take, purchase, and hold for ever, not only such lands, buildings, and hereditaments, and possessions, as may from time to time be exclusively used and occupied for the immediate requirements of the said University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in the said Province, or elsewhere, and shall be able and capable in law to grant, demise alien, or otherwise dispose of all or any of the property, real or personal, belonging to the University, and also to do all other matters and things incidental or appertaining to a body politic and corporate: Provided always, that until the Senate of the said University shall have been constituted as herein enacted, the said University shall consist of a Council only: Provided further, that it

shall not be lawful for the said University to alien, mortgage, charge, or demise any lands, tenements, or hereditaments, of which it shall have become seised, or to which it may become entitled by grant, purchase, or otherwise, unless with the approval of the Governor of the said Province for the time being, except by way of lease for any term not exceeding twenty-one years from the time when such lease shall be made, in and by which there shall be reserved during the whole of the term the highest rent that can be reasonably obtained for the same, without fine.

First Council by whom appointed. Election of Chancellor and Vice-Chancellor.

2. The first Council of the said University shall be nominated and appointed by the Governor within three months after the passing of this Act, and shall consist of twenty councillors, and the said Council shall elect a Chancellor and a Vice-Chancellor; and whenever a vacancy shall occur in the office of Chancellor or Vice-Chancellor, either by death, resignation, expiration of tenure, or otherwise, the said Council shall elect a Chancellor or Vice-Chancellor, as the case may be, instead of the Chancellor or Vice-Chancellor occasioning such vacancy, the Vice-Chancellor in all cases shall be elected by the said Council out of their own body, and the Chancellor, if not a member of the said Council at the time of his election, shall, from and after his election, become a member of the said Council during the term of his office, and in any such case, and for such period, the Council shall consist of twenty-one councillors. Each Chancellor and Vice-Chancellor shall hold his office for five years, or, except in the case of the first Chancellor and Vice-Chancellor, for such other term as shall be fixed by the statutes and regulations of the University made previously to the election: Provided that there shall never be more than four ministers of religion members of the said Council at the same time.

Vacancies in the Council, how created and filled.

3. At the expiration of the third year, and thereafter at the expiration of each year, the five members of the Council who shall 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, and all vacancies which shall occur in the said Council by retirement, death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall at meetings to be duly convened for that purpose elect; or, if the Senate shall not have been constituted, such vacancies shall be forthwith reported by the Chancellor to the Governor, who shall within three months after such report nominate persons to fill such vacancies, or if the Senate shall fail to elect within six months then the Governor shall nominate persons to fill such vacancies.

Senate how constituted.

4. As soon as the said Council shall have reported to the Governor that the number of graduates admitted by the said University to any of the Degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, or Doctor of Music, and of graduates of three years' standing, is not less than fifty, and such report shall have been published in the *Government Gazette*, the Senate shall be then constituted, and shall consist of such graduates, and of all persons thereafter admitted to such degrees, or who may become graduates of three years' standing, and 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, and the Senate shall elect a Warden out of their own body annually, or whenever a vacancy shall occur.

Questions how decided, quorum.

5. All questions which shall come before the said Council or Senate respectively shall be decided by the majority of the members present, and the chairman at any such meeting shall have a vote, and in case of an equality of votes, a casting vote, and no question shall be decided at any meeting of the said Council unless six members thereof be present, or at any meeting of the said Senate unless twenty members thereof be present.

Chairmanship of Council and Senate.

6. 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.

Council to have entire management of the University.

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

Council to make statutes and regulations with approval of the Senate.

8. The said Council shall have full power to make and alter any statutes and regulations (so as the same be not repugnant to any existing law or to the provisions of this Act) touching any election or the discipline of the said University, the number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants thereof, the matriculation of students, the examination for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively, the fees to be

charged for matriculation, or for any such examination or degree, the lectures or classes of the professors and lecturers, and the fees to be charged, the manner and time of convening the meetings of the said Council and Senate and in general touching all other matters whatsoever regarding the said University: Provided always that so soon as the Senate of the said University shall have been constituted, no new statute or regulation or alteration or repeal of any existing statute, shall be of any force until approved by the said Senate.

Colleges may be affiliated, and boarding houses licensed.

9. It shall be lawful for the said University to make any statutes for the affiliation to or connection with the same of any college or educational establishment to which the governing body of such college or establishment may consent, and for the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of such licences: Provided always that no such statutes shall affect the religious observances or regulations enforced in such colleges, educational establishments, or boarding-houses.

Statutes and Regulations to be allowed by Governor.

10. All such statutes and regulations as aforesaid shall be reduced to writing, and the common seal of the said University having been affixed thereto, shall be submitted to the Governor to be allowed and countersigned by him, and if so allowed and countersigned, shall be binding upon all persons members of the said University, and upon all candidates for degrees to be conferred by the same.

Limitation of the powers of Council as regards the chairs founded by W. W. Hughes.

11. The powers herein given to the Council shall, so far as the same may affect the two chairs or professorships founded by the said Walter Watson Hughes, and the two professors appointed by him, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the before-mentioned indenture.

University to confer degrees

12. The said University shall have power to confer, after examination, 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, and Doctor of Science, Bachelor of Music, and Doctor of Music, according to the statutes and regulations of the said University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree, of persons who may have graduated at any other University.

Students to be in residence during term.

13. Every undergraduate shall, during such term of residence as the said University may by statute appoint, dwell with his parent or

guardian, or with some near relative or friend selected by his parent or guardian, and approved by the Chancellor or Vice-Chancellor, or in some collegiate or educational establishment affiliated to or in connection with the University, or in a boarding-house licensed as aforesaid.

No religious test to be administered.

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

Endowment by annual grant.

15. It shall be lawful for the Governor by warrant under his hand addressed to the Public Treasurer of the Province, to direct to be issued and paid out of the General Revenue an annual grant, equal to Five Pounds per centum per annum on the said sum of Twenty Thousand Pounds contributed by the said Walter Watson Hughes, and on such other moneys as may from time to time be given to and invested by the said body corporate upon trusts for the purposes of such University, and on the value of property, real or personal, securely vested in the said body corporate, or in trustees, for the purposes of the said University, except the real property mentioned in clause 16 of this Act; and such annual grant 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: Provided that no such grant shall exceed Ten Thousand Pounds in any one year.

Endowment in Land.

16. The Governor, in the name and on behalf of Her Majesty, may alienate, grant, and convey in fee-simple to such University or may reserve and dedicate portions of the waste lands of the said Province, not exceeding fifty thousand acres, for the purpose of the University and the further endowment thereof; and the Governor may in like manner, and on behalf of Her Majesty, alienate, grant, and convey in fee-simple to such University, or may reserve and dedicate a piece of land in Adelaide, East of the Gun Shed and facing North Terrace, not exceeding five acres, to be used as a site* for the University buildings and for the purposes of such University: Provided that

*An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

the lands so granted shall be held upon trust for the purposes of such University, such trusts to be approved by the Governor.

University of Adelaide included in Ordinance No. 17 of 1844.

17. The University of Adelaide shall be deemed to be an University within the meaning of section 1† of Ordinance No. 17 of 1844, entitled "An Ordinance to define the qualifications of Medical Practitioners in this Province for certain purposes."

Council or Senate to report annually to the Governor.

18. The said Council or Senate shall, during the month of January in every year, report the proceedings of the University during the previous year to the Governor, and such report shall contain a full account of the income and expenditure of the said University, audited in such manner as the Governor may direct, and a copy of every such report, and of all the statutes and regulations of the University, allowed as aforesaid by the Governor, shall be laid in each year before the Parliament.

Governor to be Visitor.

19. The Governor for the time being shall be the Visitor of the said University, and shall have authority to do all things which appertain to Visitors as often as to him shall seem meet.

Short Title.

20. This Act may be cited as "The Adelaide University Act."

SCHEDULE REFERRED TO.

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 administra-

†This section has been repealed by Act No. 193 of 1880, which recognizes (amongst others) the following qualifications:—"Doctor or Bachelor of Medicine or Master in Surgery of any chartered University in Her Majesty's Dominions authorised to grant Degrees in Medicine and Surgery."

tors, 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 of 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 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.)

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

*By a deed executed in 1881 the donor consented to the investment of the moneys in the purchase of freehold lands and buildings, and on first mortgages of freehold lands and buildings in South Australia.

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."

AN ACT TO AMEND THE ADELAIDE UNIVERSITY ACT *No.* 20 *of* 1874. *No.* 143 *of* 1879.

Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to amend "The Adelaide University Act"—Be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

University has been duly constituted.

1. The University of Adelaide has been duly constituted and appointed according to the provisions of "The Adelaide University Act."

Power to repeal Statutes and Regulations.

2. Subject to the proviso contained in the eighth section of the said Act, the Council of the said University may by Statute or Regulation repeal Statutes and Regulations made by the University; and that section shall be read and construed as if the words "or Regulation" had been inserted in it next after "Statute" where that word occurs lastly therein.

Repeal of power to confer certain Degrees.

3. The words "Bachelor of Science and Doctor of Science," which occur in the twelfth section of the said Act are hereby repealed; and

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* 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.

that section shall be read and construed as if those words had not occurred therein.

Short Title.

4. This Act may be cited as "The Adelaide University Act Amendment Act."

AN ACT TO REPEAL PART OF THE ADELAIDE UNIVERSITY ACT AMENDMENT ACT *No.* 143 *of* 1879. *No.* 172 *of* 1880.

Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to repeal part of "The Adelaide University Act Amendment Act," and to revive part of "The Adelaide University Act," and to amend it—Be it therefore enacted by the Governor of the Province of South Australia, by and with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

Repeal and Revival.

1. The third section of "The Adelaide University Act Amendment Act" is hereby repealed, and so much of "The Adelaide University Act" as was repealed by that section is hereby revived.

Admission of women to Degrees.

2. Women, who shall have fulfilled all the conditions prescribed by "The Adelaide University Act," and by the Statutes and Regulations of The University of Adelaide for any Degree, may be admitted to that Degree at a meeting of the Council and Senate of the said University.

Words importing masculine gender include feminine.

3. In "The Adelaide University Act," words importing the masculine gender shall be construed to include the feminine.

Title.

4. This Act may be cited as "The University of Adelaide Degrees Act."

AN ACT TO ENABLE THE UNIVERSITY OF ADELAIDE TO CONFER DEGREES IN SURGERY.

No. 441 *of* 1888.

Preamble.

Whereas a School of Medicine has recently been established in the University of Adelaide, and it is expedient to enable the said University to confer the degrees of Bachelor of Surgery and Master of Surgery—Be it therefore enacted by the Governor of the Pro

vince of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

University may confer degrees of Bachelor or Master of Surgery.

1. The University of Adelaide shall have power to confer, after examination, the degrees of Bachelor of Surgery and Master of Surgery, according to the statutes and regulations of the said University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree of Bachelor or Master of Surgery of persons who may have obtained a corresponding degree at any other University.

Masters of Surgery to be members of Senate.

2. Persons who shall be admitted by the University of Adelaide to the degree of Master of Surgery shall, on admission thereto, become members of the Senate of the said University.

Title of Act.

3. This act may be cited as "The Degrees in Surgery Act."

Incorporation

4. "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," so far as their respective provisions are applicable to and not inconsistent with the provisions of this Act, are incorporated, and shall respectively be read with this Act.

AN ACT TO FURTHER AMEND "THE ADELAIDE UNIVERSITY ACT."

No. 1058 *of* 1911.

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

Short Titles

1. (1) This Act may be cited alone as "The Adelaide University Act Amendment Act, 1911."

(2) "The Adelaide University Act" (hereinafter called "the principal Act"),
"The University Site Act, 1876,"
"The Adelaide University Act Amendment Act,"
"The University of Adelaide Degrees Act,"
"The Degrees in Surgery Act," and
this Act,
may be cited together as "The Adelaide University Acts, 1874 to 1911."

Incorporation with other Acts.

2. This Act is incorporated with the other Acts mentioned in section 1 hereof, and those Acts and this Act shall be read as one Act.

Five additional members of the Council to be appointed by Parliament.

3. In addition to the members of the Council of the University elected as provided by the principal Act, there shall be five members of the said Council who shall be appointed from time to time by the Parliament of the said State; and from the time of the appointment of the first five members under this Act, the membership of the said Council shall be increased accordingly.

How the additional members to be appointed.

4 (1) Of the said five additional members 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 Act unless he is a member of the House of Parliament by which he is appointed.

Time of appointment and tenure of office.

5. (1) As soon as practicable after the passing of this Act the first five members shall be appointed under this Act, and at the beginning of each Parliament after the present Parliament five members shall be appointed in manner aforesaid.

(2) Upon the notification, in manner mentioned in section 8 of this Act, of any such appointment by either House of Parliament, the members appointed by such House and then in office shall retire: Provided that any member appointed under this Act shall be eligible for reappointment from time to time.

Vacancy to occur if councillor ceases to be member of Parliament.

6 In case any member appointed under this Act 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 of the University.

How vacancies filled.

7. When a vacancy in the office of a member appointed under this Act 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; and 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

8. A notice in writing addressed to the Chancellor of the University, and signed by the President or Deputy President of the Legis-

lative 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 a member or members under this Act, shall be conclusive evidence of the matters therein stated and of the validity of the appointment.

University may confer degrees of Bachelor and Master of Engineering.

9. (1) The University shall have power to confer, after examination, the degrees of Bachelor of Engineering and Master of Engineering, according to the statutes and regulations of the University: Provided that it shall be lawful for the University to make such statutes as they deem fit for the admission, without examination, to the said degrees of persons who have graduated at other Universities, and to admit such persons according to the statutes so made.

Masters to be members of Senate on admission.

(2) Persons admitted by the University to the degree of Master of Engineering shall, on admission thereto, become members of the Senate of the University.

Annual Grant increased by £4,000.

10. In addition to any grants under section 15 of the principal Act, in every year a grant of Four Thousand Pounds shall be paid out of the General Revenue to the University, to be applied for the purposes mentioned in the said section.

ADELAIDE UNIVERSITY ACT AMENDMENT ACT, 1923.

No. 1555 *of* 1923.

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 "Adelaide University Act Amendment Act, 1923."

(2) The Adelaide University Acts, 1874 to 1911, and this Act may be cited together as the "Adelaide University Acts, 1874 to 1923."

(3) The Adelaide University Act, 1874, is hereinafter referred to as "the principal Act."

2. This Act is incorporated with the other Acts mentioned in section 1 of this Act, and those Acts and this Act shall be read as one Act.

Limit of annual grant based on endowments raised to £20,000.

3. Section 15 of the principal Act is amended by striking out the word "Ten" in the last line thereof and substituting in lieu thereof the word "Twenty."

University to be exempt from Land Tax.

4. Notwithstanding anything contained to the contrary in any Act or rules or regulations made thereunder, all land in respect of which the University of Adelaide, or any person as trustee therefor, would, but for this section, be liable to pay tax to the State of South Australia, shall from and after the passing of this Act be exempt from taxation by the said State.

ADELAIDE UNIVERSITY ACT AMENDMENT ACT, 1924.

No. 1614 *of* 1924.

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

Short titles.

1. (1) This Act may be cited as the "Adelaide University Act Amendment Act, 1924."

(2) The Adelaide University Acts, 1874 to 1923, and this Act maybe cited together as the "Adelaide University Acts, 1874 to 1924."

Incorporation with other Acts.

2. This Act is incorporated with the other Acts mentioned in section 1 of this Act, and those Acts and this Act shall be read as one Act.

Power to confer degrees of Bachelor of Dental Surgery and Doctor of Dental Science.

3. (1) The University shall have power to confer, after examination, the degrees of Bachelor of Dental Surgery and Doctor of Dental Science, according to the statutes and regulations of the University : Provided that it shall be lawful for the University to make such statutes as they deem fit for the admission, without examination, to the said degrees of persons who have graduated at other Universities, and to admit such persons according to the statutes so made.

(2) Persons admitted by the University to the degree of Doctor of Dental Science shall, on admission thereto, become members of the Senate of the University.

Validation of degrees and statutes and regulations.

4. (1) All persons heretofore admitted 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 this Act had been given to the University before the admission of the said persons to the said degrees.

(2) All statutes and regulations heretofore made, altered, or repealed 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 this Act had been given before the said statutes and regulations were made, altered, or repealed, as the case may be.

Power of University to constitute new degrees.

5. The University shall have power to confer, after examination in addition to the degrees which under the provisions of the Adelaide University Acts, 1874 to 1923, and of section 3 of this Act the University has power to confer, such other degrees as the University by statute or regulation may constitute; and it shall be lawful for the University to make such statutes and regulations as they deem fit for the admission, without examination, to any degree constituted as aforesaid of persons who have graduated at other Universities, and to admit such persons according to the statutes or regulations so made.

Membership of Senate.

6. Persons admitted by the University to any degree constituted by the University by statute or regulation which is of the status of a Master or a Doctor shall, on admission thereto, become members of the Senate of the University.

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.

AGRICULTURAL EDUCATION ACT, 1927. *No.* 1831 *of* 1927.

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 "Agricultural Education Act 1927."

Power to grant money to University for agricultural research.

2. (1) In addition to any other sums payable to the University of Adelaide out of the General Revenue of the State, the Treasurer shall in each of the financial years set out in the Schedule to this Act 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 aforesaid University.

Conditions of grant.

3. All moneys paid to the University of Adelaide under this Act shall be deemed to be paid on the following conditions, namely:—

(a) The Waite Agricultural Research Institute of the University of Adelaide aforesaid 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 of the said University during the currency of this Act.

(b) 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.

(c) 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.

(d) 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 Department, the Stock and Brands Department,

and the Woods and Forests Department, and for service under the Irrigation and Drainage Commission.

Provision for employment of graduates in Agricultural Science in certain Government Departments.

4. (1) In each of the ten years next after the passing of this Act, the Council of the University of Adelaide may nominate to the Minister of Agriculture not more than four persons who have taken the course in Agriculture at the University of Adelaide and obtained the degree of Bachelor of Science at the said University, to be officers of the Departments of the Public Service mentioned in sub-section (2) hereof. After nomination made as aforesaid, the Government shall, notwithstanding any of the provisions of the Public Service Act, 1916, 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 Irrigation and Drainage Commission.

THE PUBLIC LIBRARY, MUSEUM, AND ART GALLERY ACT.

No. 986 *of* 1909.

6. (1) The Board of Governors of the Public Library, Museum and Art Gallery of South Australia, constituted by the "Public Library, Museum, and Art Gallery Act, 1883-4," and the Acts amending the same, is hereby continued as the Board under this Act.

7. (1) From the beginning of the month of November, one thousand nine hundred and ten, the Board shall consist of fourteen members, of whom—

I. The Governor shall appoint five members:
II. The University of Adelaide shall elect two members:
III. The South Australian Society of Arts shall elect one member:
IV. The Royal Society of South Australia shall elect one member:
V. The Royal Geographical Society of Australasia (South Australian Branch) shall elect one member:
VI. The Adelaide Circulating Library shall elect one member, and
VII. The Association shall elect three members.

(2) No person shall be qualified to be elected a member of the Board by any of the societies or bodies mentioned in subsection (1) hereof (except the Association) unless he is at the time of his election a member of the society or body electing him.

9. The elected members of the Board shall be elected for one year, and in the month of October in every year the several societies and bodies mentioned in section 7 (except the Association) shall elect members of the Board as provided by the said section; and at the annual meeting of the Association, or an adjournment thereof, three members of the Board shall be elected; Provided that every elected member of the Board shall hold office until the election of his successor, and shall then retire, but may be re-elected.

10. Subject as in this section provided, the elections of members of the Board by the several societies and bodies mentioned in section 7 shall take place and be conducted in the manner provided by the Second Schedule to this Act: Provided that each of the said societies and bodies is hereby empowered to make all such statutes, regulations, and rules, not being inconsistent with this Act, as it deems necessary or proper, either in substitution for, in alteration of, or in addition to the provisions contained in the said schedule applicable to such society or body, for the following purposes, or any of them, namely, for prescribing:—

(*a*) The time and mode of nominating candidates for election as members of the Board:

(*b*) The convening and holding of meetings for such elections;

(*c*) Subject to section 9, the times and places for holding such meetings;

(*d*) The number of members or subscribers required to constitute a quorum at such meetings;

(*e*) The conduct of the business and proceedings of such meetings;

(*f*) Provisions for the election of members of the Board to fill vacancies arising otherwise than by effluxion of time; and

(*g*) Generally all such matters of every kind as the society or body deems it necessary or convenient to make for the purpose of electing members of the Board:

Provided also that as regards the Association the powers conferred by this section shall be exercised by the Council.

12. A casual vacancy in the office of a member of the Board shall occur in any of the following circumstances:—

(*a*) The death of the member:

(*b*) The resignation of the member by notice in writing, signed by the member, and received by the president or the secretary of the Board:

(*c*) When the member is not a member of the society or body which elected him to the Board; or, if so elected by the Association when he is not a member of any institute:

(*d*) When the member has been absent, for the period of three months or more, from all the meetings of the Board held during such period, without the permission of the Board granted by resolution of the Board passed before the expiration of such period:

(*e*) If the member was appointed by the Governor, the removal of the member by the Governor.

13. (2) A casual vacancy in the office of an elected member of the Board may be filled by the election of a member by the society or body which elected such member. Any member of the Board elected under this subsection shall hold office for the unexpired portion of the term of office of the member in whose place he is so elected.

(3) Every appointment or election under this section shall be notified by the Governor in the *Government Gazette*, and the *Gazette* containing such notification shall be *prima facie* evidence of the appointment or election so notified.

14. (1) If any of the electing bodies mentioned in section 7 fails or neglects to exercise the right of election given to it by this Act, the Governor may appoint a member or members of the Boards who shall hold office for the same period and in all respect, as if he or they had been elected by the electing body so making default.

(2) The provisions of this section shall also apply in the case of any casual vacancy which occurs in the office of any elected member of the Board.

THE SECOND SCHEDULE.

RULES AND REGULATIONS FOR THE ELECTION OF MEMBERS OF THE BOARD.

Election by the University of Adelaide.

1. (*a*) In these regulations as to the University of Adelaide "prescribed" means prescribed by the statutes and regulations for the time being in force as to the election of members of the Board by the University, whether such statutes and regulations were made under the "South Australian Institute Act Amendment Act, 1879," or are made under this Act, and "University" means the University of Adelaide.

(*b*) In statutes and regulations made under the "South Australian Institute Act Amendment Act, 1879," the expressions "Board" and Board of Governors" shall be deemed to mean the Board.

2. The members of the Board to be elected by the University shall be elected in manner prescribed.

3. In the month of October in each year the Council of the University shall convene, in the prescribed manner, a meeting in Adelaide of the University, for the purpose of electing two members of the Board; and whenever the office held by any member elected by the University becomes vacant before the expiration of the year, or other period for which he was elected, the said Council shall, in the prescribed manner, convene a meeting of the University for the purpose of electing another member to hold office for the unexpired portion of the term of office of the member whose office has become vacant.

4. Whenever the prescribed number of members of the University is not present within fifteen minutes after the time appointed for holding any such meeting, the Council shall, as soon as convenient thereafter, elect two members or a member (as the case may require) of the Board, in such manner as the Council thinks proper.

5. The result of every such election shall be certified to the Governor under the hand of the Chancellor or Vice-Chancellor of the University, whose certificate shall be conclusive as to the matters stated therein, and as to the validity of the election.

HOSPITALS ACT AMENDMENT ACT, 1921.
No. 1497 of 1921.

Adelaide Hospital to be Medical and Dental School.

Section 13 of this Act provides that—

1. The Adelaide Hospital is hereby declared to 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 such course, subject to any statutes and regulations made by the Council of the said University and any rules and 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 to co-operate with University and Hospital.

Section 14 provides that—

1. There shall be an Advisory Committee for the purpose of advising and assisting the Council of the University of Adelaide and

the Board with respect to any matter concerning the Medical Course and the Dental Course of the said University and the attendance and instruction at the Adelaide Hospital of students in the said Courses.

2. The Committee shall consist of seven members, who shall be appointed by the Governor after being respectively nominated as follows, namely :—

One shall be nominated by the Council of the University of Adelaide.

One shall be nominated by the Faculty of Medicine of the said University.

One shall be nominated by the Faculty of Dentistry of the said University.

Two shall be nominated by the Board.

Two shall be nominated by the members of the Honorary Medical Staff of the Adelaide Hospital.

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

4. Every nomination shall be made in manner prescribed.

5. The provisions of Sections 6 to 9 (both inclusive) of this Act shall, *mutatis mutandis*, apply to and in respect of the Committee. Provided that—

1. The Chairman shall be the member elected to that office by the Committee; and

2. Any four members shall constitute a quorum at any meeting of the Committee.

STANDING ORDERS OF THE SENATE OF THE UNIVERSITY OF ADELAIDE.

I. THE OFFICERS OF THE SENATE.

1. A member of the Senate shall be elected annually as Warden.

2. The Warden shall preside at all meetings at which he is present.

3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.

4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden ; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.

5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.

6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.

7. The Clerk shall prepare, under the direction of the Warden a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.

8. The Clerk shall, under the direction of the Warden, record in a book the Minutes of the Votes and Proceedings of the Senate.

9. Whenever an extraordinary vacancy shall occur in the office of Clerk, or when he shall be unable to act, the Warden may appoint some suitable person to act until a Clerk shall have been appointed.

10. Whenever an extraordinary vacancy shall occur in the office of Warden, or when the Warden shall from any cause be unable to act, the Clerk shall perform the duties of Warden until the next meeting of the Senate.

II. MEETINGS OF THE SENATE.

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

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

13. Upon a requisition signed by twenty members of the Senate setting forth the objects for which they desire the meeting to be

convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

14. If after the expiration of a quarter of an hour from the time appointed for the meeting there shall not be twenty members present the meeting shall lapse.

15. If it shall appear on notice being taken, or on the report of a division by the tellers, that twenty members are not present, the Warden shall declare the meeting at an end or adjourned to such time as he shall direct, and such division shall not be entered on the Minutes.

16. The Senate may adjourn any meeting or debate to a future day.

III. NOTICES.

17. Notice of every meeting shall be given by circular posted six clear days before such meeting to the last-known address of every member resident in the colony, 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 12 noon on the eleventh day before the day of meeting.

IV. CONDUCT OF BUSINESS.

A. AGENDA.

19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

a. Reading, amendment, and confirmation of Minutes. Business arising out of the Minutes.
b. Election of Warden and Clerk.
c. Election of Members of the Council.
d. Questions.
e. Business from the Council.
f. Motions on the Notice-paper.
g. Other business.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice Paper for the meeting of which it is an adjournment.

* *Amended by the Senate 26th November, 1930.*

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 evening 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 hall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

D. ELECTIONS.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

*58A. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

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

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

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

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

* *Passed by Senate, 28th March, 1894*

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

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

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

E. QUESTIONS

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

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

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

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

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

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

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

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

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

F. COMMITTEE OF THE WHOLE SENATE.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

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

* *Passed by Senate, 26th July*, 1922.

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

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

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

83. A motion need not be seconded.

V. SELECT COMMITTEES.

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

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

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

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

VI. SUSPENSION OF STANDING ORDERS.

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

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

FREDERIC CHAPPLE,

December 2nd, 1885. WARDEN.

APPENDIX.

APPENDIX

SYLLABUS OF SUBJECTS FOR DEGREES AND DIPLOMA COURSES FOR 1933.

Students are expected to procure the latest edition of all text-books prescribed.

NOTICE.

Applications for exemption from attendance at a course of Lectures or Practical Work during any session or term must be made within a fortnight after the beginning of the session or term.

CLASSICS.

The editions of Greek and Latin texts mentioned below are not prescribed, but are indicated as suitable for the use of students.

GREEK.

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II. Lectures in Greek I and Greek II are given every year, but at present there are no lectures in Greek III.

The fee for each course is £5 5s., or £1 15s. a term.

The subjects of examination in 1933 will be:

1. Greek I.

(*a*) Translation from English into Greek.

(*b*) Translation from Greek into English.

(*c*) Books specially set for 1933:

Demosthenes, *First Philippic,* and *Olynthiacs* (ed. J. E. Sandys, Macmillan).

Homer, *Iliad,* Book XXIV (in Homer, *Iliad* xiii-xxiv., ed. D. B. Monro, O.U.P. Students will require a text of *Iliad* xiii.-xxiv.)

Aeschylus, *Persae* (ed. A. Sidgwick, O.U.P.).

(*d*) Questions on Grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed:

Plato, *Protagoras* (ed. J. Adam & A. M. Adam, C.U.P.).
Hesiod, *Works and Days*.

3. Greek III.

(*a*) Translation from Greek into English.

(*b*) Books specially set for 1933:

Homer, *Odyssey X-XII*.
Pindar, *Nemean Odes*.
Herodotus, *Book V*.
Lycurgus, *The Speech Against Leocrates*.

(*c*) Greek History to the Death of Demosthenes.

Candidates will be required also to write historical comments on passages selected from the books included in (*b*).

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. Lectures in Latin I and Latin II are given every year, but at present there are no lectures in Latin III.

The fee for each course is £5 5s., or £1 15s. a term.

The subjects of examination in 1933 will be:

5. Latin I.

(*a*) Translation from English into Latin.

(*b*) Translation from Latin into English.

(*c*) Books specially set for 1933:

Cicero, *Pro Milone* (ed. J. S. Reid, C.U.P.).
Vergil, *Aeneid, Book II* (in Vergil, *Aeneid, I-VI*, ed. T. E. Page, Macmillan. Students will require a text of *Aeneid I-VI*).
Horace, *Odes, Book II* (ed. J. Gow, C.U.P.).

(*d*) Questions on Grammar and the subject-matter of the books set, with special reference to the lectures given.

6. Latin II.

Same course as Latin I, but in addition is prescribed:

Livy, *Book XXVI* (ed. R. M. Henry, Arnold).
W. R. Hardie, *Latin Prose Composition* (Arnold), will be used.

Questions will be asked on the History of Roman Literature.

7. Latin III.

(*a*) Translation from Latin into English.

(*b*) Books specially set for 1933:

Terence, *Hauton Timorumenos* (ed. J. H. Gray, C.U.P.).

Horace, *Epistles I and II* and *Art of Poetry* (ed. A. S. Wilkins, Macmillan).

Cicero, *De Officiis III* (ed. H. A. Holden, C.U.P.).

Tacitus, *Annals I and II* (ed. H. Furneaux, O.U.P.).

(*c*) Roman History to the death of Augustus. In addition to a general account of the subject (e.g., H. F. Pelham, *Outlines of Roman History*, Rivingtons), students should read T. M. Taylor, *A Constitutional and Political History of Rome* (Methuen). Candidates will be required also to write historical comments on passages selected from the books included in (*b*).

9. Comparative Philology.

The course consists of 60 lectures, including 18 lectures on Elementary Greek. This course deals mainly with the Indo-European language group; but it is designed also to serve as a general introduction to linguistic study suitable, e.g., for those who may subsequently have an opportunity of investigating some of the undescribed native languages of Australasia or Oceania.

Fee for the course, £5 5s., or £1 15s. per term.

Text-books:

For Elementary Greek:

W. G. Rutherford, *First Greek Grammar* (Macmillan).

J. G. Worth, *Pallas Athene* (C.U.P.).

For Comparative Philology:

R. S. Conway, *The Making of Latin* (John Murray).

W. W. Skeat, *A Primer of English Etymology* (O.U.P.).

J. Wright, *Comparative Grammar of the Greek Language* (O.U.P.).

11. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work in composition and reading early in their course.

The examination will comprise:

(*a*) Translation into Greek prose and verse.*

(*b*) Translation into Latin prose and verse.*

(*c*) Translation from Greek into English.

(*d*) Translation from Latin into English.

(*e*) Questions on Grammar, and the Elements of Comparative Philology as applied to the Greek and Latin languages.

Questions on Greek and Roman History and Philosophy, and on the subject-matter of the books prescribed in (*g*). In addition, candidates will be expected to show a more detailed knowledge of the following:—

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* Translation into verse is optional. Proficiency in Greek and Latin verse composition will be indicated by the letters G and L respectively appended to the candidate's name in the class list.

For 1933:

(i) Greek History to 490 B.C.
(ii) Roman History to 264 B.C.
(iii) The Stoics.

For 1934:

(i) Greek History, 494-431 B.C.
(ii) Roman History, 264-133 B.C.
(iii) The Pre Socratics.

Books specially set for 1933:

Homer, *Iliad I-XII.*
Pindar, *Pythian Odes.*
Aeschylus, *Choephori.*
Sophocles, *Electra.*
Aristophanes, *Birds.*
Herodotus, *Book V.*
Thucydides, *Book III.*
Plato, *Cratylus and Parmenides.*
Demosthenes, *Meidias.*
Aristotle, *Politics III, IV (VII), V (VIII)*; and *Athenian Constitution.*
Plautus, *Aulularia.*
Terence, *Hauton Timorumenos.*
Lucretius, *Book II.*
Vergil, *Aeneid, Books VII-XII.*
Horace, *Odes, Book I; Epistles, Book I;* and *Art of Poetry.*
Juvenal, *Satires I, III, X-XVI.*
Cicero, *De Finibus, Books III and IV; De Re Publica.*
Livy, *Books I and II.*
Tacitus, *Histories, Book III.*

Books specially set for 1934:

Homer, *Iliad XIII-XXIV.*
Pindar, *Nemean Odes.*
Aeschylus, *Agamemnon.*
Sophocles, *Antigone.*
Aristophanes, *Frogs.*
Herodotus, *Book VI.*
Thucydides, *Book I.*
Plato, *Republic VI, VII, X; Parmenides.*
Demosthenes, *Private Speeches* (as in the selection by Paley and Sandys, part II, C.U.P.).
Aristotle, *Metaphysics A; Physics A and B.*
Plautus, *Captivi.*
Terence, *Adelphi.*
Lucretius, *Book I.*
Vergil, *Bucolics* and *Georgics.*
Horace, *Odes, Books III and IV; Epistles, Book II.*
Martial, *Epigrams I-VI* (as in selection by Bridge and Lake, O.U.P.).
Cicero, *Tusculan Disputations, Books I and II; Orator.*
Livy, *Books XXI and XXII.*
Tacitus, *Histories, Books IV and V.*

In addition, students will require:

H. Ritter and L. Preller, *Historia Philosophiae Graecae* (ed. 9. E. Wellmann), Perthes, Gotha, 1913.

E. Schwyzer, *Dialectorum Graecarum exempla epigraphica potiora*—S. Hirzel, Leipzig, 1923.

A. Ernout, *Recueil de Textes latins archaiques*, C. Klincksieck, Paris, 1916.

13. Classics for the Degree of M.A.

The examination will be in the following subjects:

(*a*) Translation into English from Greek and Latin writers.

(*b*) Ancient History:
Greek History to B.C. 146.
Roman History to A.D. 180.

(*c*) History of Greek and Roman Literature.

(*d*) History of Ancient Thought.

(*e*) Comparative Philology of the Indo-European Languages, with reference particularly to Greek and Latin.

(*f*) A subject or subjects for more minute study chosen from one of the sections (*b*), (*c*), (*d*), (*e*) above; such choice is to be made by the candidate subject to the approval of the Faculty of Arts, and should include work in both Greek and Latin. (This last condition may be relaxed for sufficient reason.)

(*g*) 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.

Students who propose to read Classics with a view to entering for the M.A. Examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

MODERN LANGUAGES.

ENGLISH LANGUAGE AND LITERATURE.

The series of lectures begins every year, and is completed in three years. It is divided into three courses, and there will be an examination at the end of each year. No student proceeding to a degree may, without special permission, take either Course B or Course C before passing in Course A. Each course includes the historical study of the language and a period of English literature.

Fee for each course, £5 5s., or £1 15s. per term.

Subjects of examination:

16. English Language and Literature. Course A.

This course is for first-year students, and is given every year.

Students will be examined on the lectures and the following subjects:—

(i) English Language. Composition; the outlines of the history of the English language; a Middle English text.

(*a*) Fowler, *The King's English* (abridged edition, O.U.P.).
(*b*) E. Weekley, *The English Language* (Benn's Sixpenny Library).
(*c*) Chaucer, *The Prologue to the Canterbury Tales* (ed. W. W. Skeat, O.U.P.).

(ii) Shakespeare.

(*a*) A general study. Text-book: Lamborn and Harrison, *Shakespeare, the Man and his Stage* (O.U.P.).
(*b*) A special study of *Much Ado About Nothing* and *Antony and Cleopatra*.

(iii) English Literature from 1798 to 1840, with a special study of the following books:—

(*a*) Wordsworth, *Selections* (King's Treasuries, Dent).
(*b*) W. Peacock (ed.), *English Verse*, vol. iv. (World's Classics). The extracts from Scott, Coleridge, Southey, Lamb, Landor, James and Horace Smith, Campbell, Moore, Hunt, Peacock, Byron, Shelley, Clare, Keats.
(*c*) Lamb, *Essays of Elia* (King's Treasuries, Dent).
(*d*) Hazlitt, *Table Talk* (World's Classics).
(*e*) De Quincey, *English Mail Coach* (Blackie's English Texts).
(*f*) Macaulay, *Essay on Clive* (Oxford Plain Texts).
(*g*) Jane Austen, *Emma*.
(*h*) R. C. Bald (ed.), *Literary Friendships in the Age of Wordsworth* (Cambridge Anthologies).

For reference:

Strong, *Short History of English Literature*.
Herford, *The Age of Wordsworth*.

17. English Language and Literature. Course B.

This course is for second and third year students, and will be given in 1934.

Students will be examined on the lectures and the following subjects:—

(i) English Language.

(*a*) Firth, *Speech* (Benn's Sixpenny Library).
(*b*) Jespersen, *Growth and Structure of the English Language*.

(ii) Shakespeare and Elizabethan Drama.

(*a*) Shakespeare's historical plays, with a special study of *Richard III, Henry IV (Parts I and II)*.
(*b*) C. B. Wheeler (ed.), *Six Plays by Contemporaries of Shakespeare* (World's Classics).

(iii) English Literature from Wyatt to Milton, with a special study of the following books:—

(*a*) W. Peacock (ed.), *English Verse*, vols. i and ii (World's Classics).

(*b*) Sidney, *Apology for Poetry* (ed. J. Churton Collins, O.U.P.).
(*c*) *The Book of Job* (Authorized Version).
(*d*) Bacon, *Essays and Other Writings* (King's Treasuries, Dent).
(*e*) Walton, *Lives of Donne and Herbert* (C.U.P.).
(*f*) Sir Thomas Browne, *Religio Medici, Urn Burial,* etc. (Everyman's Library).
(*g*) Milton, *Paradise Lost,* Books IV, VII, VIII; *Samson Agonistes; Areopagitica.*

For reference:

Strong, *Short History of English Literature.*
Saintsbury, *Elizabethan Literature.*

18. English Language and Literature. Course C.

This course is for second and third year students, and will be given in 1933.

Students will be examined on the lectures and the following subjects:—

(i) English Language.
(*a*) Firth, *Speech* (Benn's Sixpenny Library).
(*b*) Jespersen, *Growth and Structure of the English Language*

(ii) Shakespeare and the Drama.
(*a*) Shakespearian Tragedy, with a special study of *Hamlet, King Lear,* and *Othello.*
(*b*) Taylor (ed.), *Eighteenth Century Comedy* (World's Classics).

(iii) English Literature from Dryden to Blake, with a special study of the following books:—
(*a*) W. Peacock (ed.), *English Verse,* vol. iii (World's Classics).
(*b*) Dryden, *Essay of Dramatic Poesy* (ed. D. Nicol Smith, Blackie).
(*c*) Addison, *Selected Essays* (ed. Lobban, C.U.P.).
(*d*) Swift, *Tale of a Tub, etc.* (Everyman's Library).
(*e*) Johnson, *Lives of Addison and Pope.*
(*f*) Lady Mary Wortley Montagu, *Letters* (Everyman's Library).
(*g*) Fielding, *Jonathan Wild,* etc. (Everyman's Library).
(*h*) Boswell, Selections from the *Life of Johnson* (ed. R. W. Chapman, O.U.P.).
(*i*) Burke, *Selections* (ed. A. M. D. Hughes, O.U.P.).

For reference:

Strong, *Short History of English Literature.*
Elton, *Survey of English Literature,* 1730-1780.

NOTE.—Students who have passed in English Language and Literature, Second Course, in or before 1931, will be deemed to have passed in Course C.

20. English Language and Literature for the Honours Degree of B.A.

Books and subjects prescribed for the Honours Examinations in the School of English Language and Literature in 1933:—

PART I.

(*a*) The History of English Literature from 1500 to 1700. Candidates will be expected to show a first-hand acquaintance with the following subjects and authors, and with such others as may be studied or prescribed in class:—

The best prose or verse of Wyatt, Surrey, Sackville, Spenser, Sidney, Lyly, Hooker, Bacon, Daniel, Drayton, Campion, Ben Jonson, Donne, Giles and Phineas Fletcher, William Browne, Herrick, Herbert, Crashaw, Vaughan, The Cavalier Lyrists, Cowley, Marvell, Earle, Sir Thomas Browne, Walton, Bunyan, Milton, Dryden.

(*b*) The History of English Literature from 1700 to 1900. Candidates will be expected to show a first-hand acquaintance with the following and with such other work as may be studied or prescribed in class:—

The best work of Defoe, Addison, Steele, Swift, Pope, Young, Thomson, Gray, Collins, Johnson, Goldsmith, Burke, Richardson, Fielding, Smollett, Sterne, Cowper, Crabbe, Burns, Blake, Coleridge, Wordsworth, Southey, Jane Austen, Scott, Byron, Shelley, Keats, Lamb, Hazlitt, De Quincey, Tennyson, Browning, Swinburne, Matthew Arnold, William Morris, Rossetti, Carlyle, Ruskin, George Eliot, Thackeray, Dickens, Meredith, Stevenson, Hardy.

For reference: Elton, *Survey of English Literature.*

(*c*) Shakespeare. A general study of Shakespeare's life and works, including the Shakespeare Apocrypha.

For reference: E. K. Chambers, *William Shakespeare; a Study of Facts and Problems.*

(*d*) Bibliography and Textual Criticism, with special reference to the Elizabethan period.

For reference: McKerrow, *An Introduction to Bibliography for Literary Students.*

The following plays are prescribed for textual study:—

Shakespeare, *Hamlet* and *King Lear.*

Middleton, *A Game at Chesse* (ed. R. C. Bald, C.U.P.).

(*e*) Special subject. The Drama in England from its beginnings to 1640.

Miracle Plays, Morality Plays, and Interludes, as given in J. M. Manly (ed.), *Specimens of the Pre-Shakespearian Drama.*

The best plays of Kyd, Marlowe, Lyly, Greene, Peele, Dekker, Marston, Thomas Heywood, Ben Jonson, Beaumont, Fletcher, Chapman, Middleton, Massinger, Webster, Tourneur, Shirley, Ford. A useful collection is E. H. C. Oliphant (ed.) *Shakespeare and His Fellow Dramatists* (Prentice-Hall, New York).

For reference: E. K. Chambers, *The Mediaeval Stage* and *The Elizabethan Stage.*

PART II.

(*a*) Old English Texts, with a general study of the prose and poetry before 1066.

For special study:

Beowulf, lines 1 to 1888 (ed. F. Klaeber).
The Christ of Cynewulf (ed. A. S. Cook).

For reference: R. W. Chambers, *Beowulf, An Introduction.*

(*b*) Middle English Texts.

For special study:

J. Hall (ed.), *Selections from Early Middle English* (O.U.P.).
K. Sisam (ed.), *Fourteenth Century Verse and Prose* (O.U.P.).

(*c*) The Age of Chaucer. A general study of Chaucer and his contemporaries.

Candidates will be expected to show a first-hand acquaintance with the best work of Chaucer, Langland, the poet of the *Pearl*, Gower, and the Scottish Chaucerians.

For reference:

Coulton, *Chaucer and His England.*

(*d*) English Philology. The phonology of Old and Middle English; principles of sound-change; the history of syntax and inflexions.

Recommended:

H. C. Wyld, *Short History of English.*
J. Wright, *Old English Grammar.*
O. Jespersen, *Modern English Grammar on Historical Principles.*

(*e*) Palaeography and Textual Criticism, with special reference to Old and Middle English texts.

Details of this course will be supplied in class.

Students are advised to refer to G. H. Cowling, *An English Bibliography* (Melbourne University Press), throughout their course.

Candidates for the Honours Degree of B.A. in English Language and Literature may present *either* all the subjects in Part I with (*a*), (*b*), and (*c*) from Part II, *or* all the subjects in Part II with (*a*), (*b*), and (*c*) from Part I. In addition all candidates must sit for an essay paper on some general literary subject.

Candidates for the Honours degree are required to attend classes in Old and Middle English as follows:

Old and Middle English I (for second-year students).

Old English grammar and texts:

Cook: *First Book in Old English* (Ginn).

Middle English grammar and texts:

Sisam: *Fourteenth Century Prose and Verse.* Nos. 2, 3, 6, 8, 10, 12, 15.

Old and Middle English II (for third-year students).

Old English texts:

Flom: *Old English Grammar and Reader* (Heath), pp. 230-281, and Craigie: *Easy Readings in Anglo-Saxon* (Hutchen).

Middle English texts:

J. Hall: *Selections from Early Middle English.* Vol. i, Nos. 3, 7, 8, 9, 14, 15, 18, 20, 21.

Old and Middle English III (for fourth-year students).

As for subjects II (*a*) and (*b*) above.

NOTE.—Students who completed the single-year's course in English before the year 1921 will be required, if they wish to begin the English Honours course during or after 1932, to perform all the work prescribed for Honours students from and including the first year.

The John Howard Clark Prize is awarded on the results of the Final Honours Examination in English Language and Literature. For particulars of the Prize, see Statutes, Chapter XIV.

22. English Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in English Language and Literature are advised to take the earliest opportunity of consulting the Head of the Department 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 sit for the essay paper and the following subjects: Part I (*a*), (*b*), (*c*), (*d*), (*e*), Part II (c) and Old and Middle English I.

Candidates should consult with the Head of the Department concerning the subject of their thesis as early as possible, and should be prepared to submit it for the approval of the Faculty not later than the end of March in the year in which the thesis is to be presented.

Candidates who wish to qualify for the degree of M.A. under regulation 2 (b) and propose to combine English with another subject are required in their preliminary examination in English to sit for the essay paper and present either of the following groups of subjects: (1) Part I (*a*), (*b*), (*c*), and (*d*), with either I (*e*) or II (*c*); or (2) Part I (*a*), Part II (*c*), (*d*), (*e*), and Old and Middle English I. The second group may only be presented by candidates who have already passed in Comparative Philology.

Candidates combining English with another subject must, in their final examination, sit for two papers in English on a special subject or period, to be determined in consultation with the Head of the Department, and must, in addition, present an essay, written during the preceding twelve months, on some topic connected with their special subject or period.

FRENCH.

There are three courses in French for the ordinary degree of Bachelor of Arts: they are designated French I, French II, and French III. Each course consists of both oral and written sections, both of which must be passed before the course may be counted as a unit towards a degree. Except with special permission, to be obtained in writing from the Registrar, no

student proceeding to a degree may take the course in French II until he has passed the final written examination in French I, or the course in French III until he has passed the final written examination in French II.

Students in French I and French II are required to attend lectures in language and composition twice a week throughout the year, and to write the exercises to the satisfaction of the lecturer. Students in French I are required to attend group-tutorials for exercises in oral French, including conversation, reading and dictation, and to present themselves for an oral examination. Students in French II are also required to attend the lectures on the history of French literature; some of the lectures will be in French. Students in French III are required to do composition with the French II students; and to meet weekly for lectures, or for the discussion and criticism of essays, which will be set at the beginning of each term. Students of French II and French III are required to attend regularly once a week the French Language Club, in which all conversation is in French. In the final examinations in French II and French III candidates are required to answer in French all questions on literature. Students who are exempted from attendance at lectures are required at some time during their course to present themselves for an oral examination, by special arrangement with the lecturer.

Fee for each course, £5 5s., or £1 15s. per term.

Subjects of examination in 1933:

26. French I.

Translation from English into French.

Translation from French into English.

Books specially set:

(*a*) Phonetics, *Recueil de Textes Phonétiques en transcription internationale,* par Nicolette Pernot (H. Didier, Editeur).

(*b*) Foylophone's *Conversation Text-book.*

(*c*) Molière, *Le Malade Imaginaire* (Hachette).
The above books are for the Oral Section.

(*d*) Duhamel, *Advanced French Prose Composition,* including the introduction (Rivingtons).

(*e*) Weekley, *Historical French Grammar* (Blackie).

(*f*) Lamartine, *Pages choisies* (Camb. mod. French series).

(*g*) Chateaubriand, *Atala* (Editor, Chisholm).

(*h*) Corneille, *Le Cid* (Harrap).

(*i*) Bain, *French Poetry for Advanced Students* (Macmillan).

(*j*) Selection to be committed to memory: Lamartine, pages 85-8, *La veille —— l'assassinat.*

(*k*) Candidates must satisfy a reading and a conversation test, including an *explication de texte.*

27. French II.

(*a*) Translation from English into French.

(*b*) Translation from French into English.

(*c*) Kastner and Marks, *A New Course of French Composition, Book III* (Dent & Co.), including the introduction, pages 3-44.

(*d*) Emile Faguet, *Dix-huitième siècle;* Etudes littéraires; *Cours de Grammaire Historique, Darmesteter,* Part II.

(*e*) Books specially set:

Les Poètes français du XIX^e Siècle, A. Auzas, pp. 1-52, 101-188 (Oxford, Imprimerie de l'Université).
Marivaux, *Jeu de l'Amour et du Hazard* (Macmillan).
Le Sage, *Turcaret* (Camb. Univ. Press).
Voltaire, *Selections* (Clarendon Press).
Voltaire, *Zadig* (Harrap).
Rousseau, *Extraits* (Macmillan).

For the French Club: Maurice Leblanc, *Arsène Lupin* (ed. Hartog, Dent & Sons).

(*f*) Selections to be committed to memory:

Voltaire, *Selections,* pages 123-5. *Il y avait dans—notre jardin.*

(*g*) Candidates must satisfy a reading and conversation test, including an *explication de texte.*

28. French III.

(*a*) Outline of the history of France, 1789-1852.

(*b*) Kastner and Marks, *Book III,* including an intensive study of the introduction.

(*c*) Books specially set:

Gautier, *Œuvres choisies,* par Georges Roth (Librairie Delegrave).
Gautier, *Ménagerie Intime* (Cambridge Plain Texts).
Balzac, *Le Père Goriot* (Calmann Levy).
Leconte de Lisle, *Poèmes Barbares* (Alphonse Lemerre).
Anatole France, *Les Dieux Ont Soif* (Calmann Levy).
Hérédia, *Selected Sonnets* (obtainable from the University Office).

For the French Club: Maurice Leblanc, *Arsène Lupin* (ed. Hartog, Dent & Sons).

LITERARY HISTORY.—No text-book is set, but the *Parnasse* will be the movement specially studied in lectures and essays. Students will be encouraged to use the library for their research, but those who wish to possess their own reference-books and manuals are advised to buy Strowski, *Tableau de la littérature française au XIX^e siècle* (Hachette) or Lanson, *Histoire de la littérature française.*

ORAL EXAMINATION.—Students will be required to pass a dictation test, to read and comment on a passage from any one of the set authors, and to discuss questions of literary history arising from this passage.

GERMAN.

There are two courses in German for the ordinary degree of Bachelor of Arts: they are designated German I and German II. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German II until he has passed the final examination in German I. Candidates are required to attend tutorial classes.

Fee for each course, £5 5s., or £1 15s. per term.

Subjects for examination in 1933:

36. German I.

(*a*) Phonetics (Viëtor, *Pronunciation of German*).
(*b*) Translation from English into German.
(*c*) Translation from German into English.
(*d*) Grammar.
(*e*) History of the German Language.
Behaghel, *A Short Historical Grammar of the German Language* (Macmillan).
NOTE.—Students will be expected to have a general knowledge of the broad principles, and to give some illustrations with reference to these, but an intimate knowledge of all the details mentioned in the book will not be required.
(*f*) Books set for reading:
Schiller, *Wilhelm Tell* (any edition).
Hauff, *Lichtenstein* (Reclam, Leipzig, or any other edition).
Lessing, *Minna von Barnhelm* (any edition).
Goethe, *Dichtung und Wahrheit I-IV* (O.U.P. or any other edition).
Fiedler, *A Book of German Verse from Luther to Liliencron* (Oxford Clarendon Press).
Seidel, Heinrich, *Weihnachtsgeschichten* (Cotta, Stuttgart, No. 62).
Petterson, *German Songs* (Dent & Sons).
(*g*) Selections to be committed to memory:
Heine, *Lorelei.*
Uhland, (a) *Die Kapelle*; (b) *Der gute Kamerad.*
Goethe, *Erlkönig.*
Schiller, *Das Mädchen aus der Fremde.*
NOTE.—These poems may be found in Fiedler, *A Book of German Verse* (Oxford, Clarendon Press).
(*h*) Candidates must satisfy a reading and conversation test.

37. German II.

(*a*) Phonetics (Viëtor, *Pronunciation of German*).
(*b*) Translation from English into German.
(*c*) Translation from German into English.
(*d*) Grammer.
(*e*) History of German Literature.
Text-book: Rackl und Ebner, *Deutsche Literatur-Geschichte* (C. Koch, Nürnberg), or other approved book.
(*f*) Books set:
As for first course.
(*g*) Selections to be committed to memory:
Eichendorff, *Wem Gott will rechte Gunst.*
Schiller, *Hoffnung.*
Geibel, *Hoffnung.*
Goethe, (a) *Beherzigung* (Feiger Gedanken).
(b) *Heidenroslein* (Sah ein Knab).
NOTE.—(1) These poems may be found in Fiedler, *A Book of German Verse* (Oxford, Clarendon Press).

(*h*) Candidates must satisfy a reading and conversation test.

In the final examination in German II, candidates are required to answer in German all questions, except the translation from German into English.

HISTORY.

The following courses in History are provided for the ordinary degree of Bachelor of Arts:—British History A (first course), British History B, British History C (both second courses), European History A, European History B, European History C (all third courses).

Students proceeding to the Ordinary Degree of B.A. may take not more than four of these courses, provided that they may not, except with special permission, take a second course before passing in the first course, or a third course before passing in one of the second courses, and provided further that a course in European History must be completed before a second second course in British History is attempted.

The courses in British History B and British History C are given in alternate years, and in European History A, European History B, and European History C every third year.

Fee for each course, £5 5s., or £1 15s. per term

The books recommended for the various courses are not intended to form an exhaustive list, and knowledge of any particular book (save when that book is an original text) is not regarded as essential if the information is obtained from other sources. The books are suggested as general introductions to the various courses, and students are guided in their reading throughout the year by the Professor or Lecturer. Similarly, the lectures given are not intended to be complete expositions of the subject, but rather to guide the students in their own reading and thought. Work is judged not only by examination, but in accordance with the quality of the essays written during the progress of the courses.

41. British History A.

Introductory reading: Trevelyan, G. M., *History of England* (Longmans). The course is divided into two sections:

1. The Growth of the English Constitution till 1603.

   Adams, G. B., *Constitutional History of England*, chapters 1-10 (Jonathan Cape), and additional reading as suggested in lectures.

2. The Tudor Period, to be studied in greater detail.

   Students should read *England Under the Tudors*, by A. D. Innes (Methuen), and Tanner, J. R., *Tudor Constitutional Documents* (Cambridge, 1922).

42. British History B.

This course, which will be given in 1934, consists of a general study of British History from 1603 till the death of Queen Victoria, one period to be studied in special detail. Introductory reading: Trevelyan, G. M., *History of England* (Longmans).

1. Period for special study in 1934: ENGLAND IN 1815.
   Halèvy, E., *A History of the English People in* 1815, and additional reading as suggested during the course.

2. For the whole period, students read Adams, G. B., *Constitutional History of England*, chapters 11-20. On the seventeenth century they should read Trevelyan, *England under the Stuarts* (Methuen); on the eighteenth century they should read Grant Robertson, *England under the Hanoverians* (Methuen); and on the nineteenth century, Trevelyan, *British History in the Nineteenth Century* (Longmans).

Additional for Honours: Carlyle, *Letters and Speeches of Oliver Cromwell; The Clarke Papers* (Camden Society), Vols I and II.

43. British History C.

This course, which will be given in 1933, consists of a general outline of British Colonial Policy till the present day, and a special study of the period of the American Revolution.

In addition to the reading suggested in lectures, the following books are recommended: Egerton, H. E., *A Short History of British Colonial Policy* (Methuen); Keith, A. B., *Selected Speeches and Documents of British Colonial Policy*, 1753-1917 (Oxford); Egerton, H. E., *British Colonial Policy in the Twentieth Century* (Methuen).

For the special period: Egerton, H. E., *Character and Causes of the American Revolution* (Oxford).

Additional for Honours: Morison, S. E., *Sources and Documents illustrating the American Revolution* (Oxford); *The Federalist* (Everyman's Library).

44. European History A.

This course, which will be given in 1934, consists of a study of European History from 1789 to 1878. Students should have a general knowledge of the main events of the period before beginning the course. No books are set, but students are recommended to read, before the beginning of the course: Arthur Young, *Travels in France* (Bohn's Library); *either* De Toqueville, *L'Ancien Regime*, ed. Headlam (Oxford), *or* Taine, *Les Origines de la France contemporaine*, Vol. I; Louis Madelin, *The French Revolution* (Heinemann), a biography of Napoleon (Rose, Fournier, or at least H. A. L. Fisher's book in the Home University Library); a biography of Bismarck (Robertson in Makers of the Nineteenth Century series, or Headlam in Heroes of the Nations series); Bolton King's biography of Mazzini (Dent). As a general sketch, *Europe in the Nineteenth Century*, by Grant and Temperley (Longmans), may be worth buying.

For Honours: A study of Italy in the Nineteenth Century. Books recommended: Bolton King, *History of Italian Unity* (Nisbet); Matter, P. *Cavour* (Paris, Librairie Alcon), or Thayer, *Life and Times of Cavour* (Constable); Hancock, W. K., *Ricasoli* (Faber and Gwyer).

45. European History B.

This course, which will be given in 1935, deals with the period of the Renaissance and the Reformation. No books are set, but students are advised to read, before the beginning of the course: Armstrong, E., *Lorenzo de' Medici* (Putnam) and *Charles V* (Macmillan); Jacobs, H. *Martin Luther* (Putnam), or Smith, Preserved, *Life and Letters of Luther* (Murray); Machiavelli, *The Prince*. As a general sketch of the period, *The Close of the Middle Ages*, by R. Lodge (Rivingtons), and *Europe in the Sixteenth Century*, by A. H. Johnson (Rivingtons), may be worth buying.

For Honours: A study of Machiavelli. Books: (1) Works of Machiavelli (English trans.); especially *The Discourses* and *The Prince;* (2) Villari's *Machiavelli.*

46. European History C.

This course, which will be given in 1933, deals with International relations.

I. Historical, 1878-1914.

II. Theory and Description.

No books are set, but students are advised to read the following books before the beginning of the course:—Brandenburg, *From Bismarck to the Great War* (Oxford); Oakes & Mowatt, *Select Treaties of the Nineteenth Century* (Oxford); Fachiro, A., *The Permanent Court of International Justice* (Oxford); Alexander, F., *From Paris to Locarno* (Dent); Brierly, J., *International Law* (Oxford); Buell, R., *International Relations.*

For Honours: A study of the Covenant of the League of Nations. Students are guided in their reading during the course, but should study in advance Miller, D. H., *The Drafting of the Covenant* (Oxford).

48. Modern History for the Honours Degree of B.A.

In addition to satisfying the requirements of Regulation IV candidates for the B.A. Honours Degree in the School of Modern History fulfil the following requirements:—

A. They do additional Honours work in the courses British History B, British History C, and any two of European History A, European History B, European History C, as set out above.

B. They take the following Honours courses:—

(1) Political Theory. The texts set for Political Theory are: Aristotle, *Politics* (Davis's edition, Oxford); Dante, *De Monarchia* (Temple Classics); Hobbes, *The Leviathan*, chapters 13-30 (Routledge); Rousseau, *Le Contrat Social* (Vaughan's edition, or Tozer's edition, translated); Maine, *Ancient Law* (Routledge); Lenin, *The State and Revolution.*

Students should know in outline the history of political theory, and should be able to describe the institutions of modern States.

The following books are useful:—Dunning, W. A., *The History of Political Theories;* Bryce, *Modern Democracies* and *The American Commonwealth.*

(2) A Special Subject. Students may choose *one* of the following:—

(a) The Concert of Europe, 1813-1822.

For textual study:

The following treaties:—(1) Paris, May 30, 1814; (2) Vienna, June 9, 1815; (3) Holy Alliance, September 26, 1815; (4) Paris, November 20, 1815. To be studied in Hertzlet, *Map of Europe by Treaty,* vol. I.

Webster, *British Diplomacy,* 1813-1815.

Gentz, *Dépêches inédites aux Hospodars de Valachie* (Paris, 1876-1877), tomes i and ii, to p. 164.

Talleyrand, *Mémoires* (Paris, 1891), tome ii, p. 127, to tome iii, p. 164.

Metternich, *Mémoires* (Paris, 1880), vol. ii, p. 461, to end of vol. iii.

Wellington, *Dispatches* (London, 1867), vol. I, pp. 284-322, and p. 475 to end.

The Congress of Vienna is compared with the Peace Conference of Paris, 1919. For reference, *A History of the Peace Conference of Paris,* edited by H. W. V. Temperley, is recommended.

Or:

(*b*) The Growth of Self-Government in the Dominions, and the Problem of Imperial Relationships, from 1837 to the present day.

For textual study:

The Durham Report, ed. Sir Charles Lucas, 3 vols. (Oxford).

Egerton & Grant, *Canadian Constitutional Development* (John Murray).

Eybers, *Select Documents illustrating South African History* (Routledge).

Selborne, *Memorandum on the Union of Africa* (Oxford).

Egerton, *Federations and Unions in the British Empire* (Oxford).

Australian documents. Selected matter from:

a. Papers relative to the proposed alterations in the Constitutions of the Australian Colonies.

b. Correspondence on the subject of the Australian Colonies Government Bill.

c. The minutes of proceedings and papers of the Imperial Conferences.

Or:

(*c*) English History, chiefly constitutional, 1588-1625.

For textual study:

Prothero, *Constitutional Documents of the Reigns of Elizabeth and James I* (O.U.P.).

Tanner, J. R., *Constitutional Documents of the Reign of James I* (C.U.P.).

The Political Works of James I (ed. McIlwain) (Harvard U.P.).

Hooker's *Ecclesiastical Polity, Books I and VIII* (Everyman's Library, Dent.).

Sir Thomas Smith, *De Republica Anglorum* (C.U.P.).

For reference: Cheyney, *History of England* 1588-1603; Gardiner, *History of England*, Vols I-V; Holdsworth, *History of English Law, Vol IV* (Methuen).

No lectures are given in Political Theory, nor in the Special Subjects. Tutorial and discussion classes are held, and students write essays under the supervision of the Professor or Lecturer.

C. Candidates for the B.A. Honours Degree in the school of Modern History are expected to be able to translate from one modern language.

50. History for the Degree of M.A.

Candidates for the degree of M.A. in History are required to consult the Professor of History within the first month of the academic year in regard to the subject and the course of reading for their thesis.

ECONOMICS.

There are two courses in Economics for the ordinary degree of Bachelor of Arts. The lectures in Economics I are given annually, and are completed in one year: those in Economics II are given in alternate years, and will be given in 1934. No student proceeding to a degree may take the course in Economics II until he has passed the final examination in Economics I.

Fee for each course, £5 5s., or £1 15s. per term.

51. Economics I.

This course consists of a general survey of economic theory.

1. Introductory: (a) nature, scope, and method of economics; (b) the nature and evolution of wants and their satisfaction; (c) evolution of industrial society; (d) socio-economic order and the fundamental underlying institutions, e.g. family, property, state.
2. Production: (a) man and his environment; (b) population; (c) land and diminishing returns; (d) division of labour.
3. Value and price; the laws of supply and demand.
4. Distribution: (a) the facts of distribution; (b) theories of distribution; (c) distribution as between "factors" and individuals; (d) the state and distribution, taxation, and public finance.
5. Exchange: (a) money, credit, banking; (b) foreign exchange and international trade.

Text-books (which must be procured):

Cannan, *Wealth.*
Clay, *Economics for the General Reader.*
Henderson, *Supply and Demand.*
Sykes, *Banking and Currency.*
Taussig, *Principles of Economics.*

For additional reading:

Marshall, *Principles of Economics.*
Cassel, *Theory of Social Economy.*

Those students who have not passed in Economics and Economic History at the Leaving Certificate standard should read Ely and Wicker, *Elementary Principles of Economics*, before entering upon the course.

52. Economics II.

1. Value.
2. Money, credit, banking.
3. Foreign exchange.
4. International trade.
5. Industrial fluctuations.

Text-books:

Henderson, *Supply and Demand.*
Marshall, *Principles of Economics.*
Hawtrey, *Currency and Credit.*
Marshall, *Money, Credit, and Commerce.*
Clare, *ABC of Foreign Exchange.*

For additional reading:

Cassel, *Theory of Social Economy.*
Pigou, *Industrial Fluctuations.*

55. Economic History.

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1933. Candidates must have taken the course in Economics I before entering upon this course.

Fee for the course, £5 5s., or £1 15s. per term.

Scope of the course:

First Term:

1. The economic organization of primitive peoples; the origins of the village community; the growth of the manor; characteristics of medieval rural life.
2. The origin of towns; the gild merchant; craft gilds; municipal control; development of the cloth industry; medieval commerce; taxation; currency.
3. Tudor nationalism; agrarian changes; industrial regulation; beginnings of the Poor Law; Stuart mercantilism; monopolies; trading companies; beginnings of banking.

SECOND TERM:

1. The Industrial Revolution; growth of population; improvement of technique and the means of communication; extension of the markets; enclosure and its consequences.
2. Combination Laws; the problems of the old Poor Law; the beginnings of factory legislation; taxation during the French Wars; the Free-trade Movement; the repeal of the Corn Laws; the Cobden Treaty.
3. Modern economic history; foundations of Britain's industrial leadership; the challenge to Britain's industrial leadership; the industrial strength of France; the industrial strength of Germany; the industrial strength of the United States; modern industrial tendencies.

THIRD TERM:

Economic history of Australia; the coming of modern agriculture; the development of new countries; land settlement, legislation, and tenure in Australia; agricultural co-operation and State aid; the tariff history and industrial development of Australia.

Text-books:

Clapham, *The Economic Development of France and Germany.*
Knowles, *Industrial and Commercial Revolution in Great Britain.*
Meredith, *The Economic History of England.*
Shann, *An Economic History of Australia.*
Bland, Brown, & Tawney, *English Economic History, Select Documents.*

Reference-books:

Ashley, *Economic History.*
Ashley, *The Economic Organization of England.*
Atkinson, *Australia, Economic and Political Studies.*
Brigden, etc., *The Australian Tariff.*
Coghlan, *Labour and Industry in Australia.*
Cunningham, *Growth of English Industry and Commerce.*
Cunningham, *The Progress of Capitalism in England.*
Heaton, *Modern Economic History.*
Hobson, *The Evolution of Modern Capitalism.*
Lipson, *Economic History of England.*
Ogg, *Economic Development of Modern Europe.*
Warner, *Landmarks in English Industrial History.*

59. Geography.

The course of lectures is completed in one year, and will be given in 1933.

Fee for the course, £5 5s., or £1 15s. per term.

INTRODUCTORY.—The development and scope of modern geography. A simple knowledge of fundamental geological facts, sufficient to enable students to appreciate the structural features underlying land forms

WORLD FEATURES.—The distribution of land and water. Major continental structures. The air: winds and their influences. The oceans: tides, currents, and their influences.

CLIMATE AND WEATHER.—Factors governing climate. World rainfall, temperatures, seasons. Influences of climate on man's activities and productions. Mountain, continental, and coastal climates. World distribution of human energy. Martonne's climatic regions.

PHYSIOGRAPHY.—Weathering agents. Land forms. The normal (pluvial) cycle of erosion. Rivers. Lakes. Mountains. Plains. Glacial and arid cycles. Shorelines.

BIO-GEOGRAPHY.—The natural regions of the world. The growth, dispersion, and distribution of world population. Distribution of animals and plants.

SOUTH AUSTRALIA.—Structural and physiographic features. Weather and climate. Detailed geographical study of the Adelaide area. The progress of settlement, with a study of determining factors. The natural regions of South Australia.

AUSTRALIA.—Agricultural, pastoral, mineralogical, and manufacturing resources, with a detailed discussion of the climatic, geological, and physiographic features that control or influence these resources. The natural regions.

GENERAL.—The destructive exploitation of resources. The unproductive occupation of soil. Plant and animal devastation. Mineral exploitation. "Islands" in the seas, the forests, the plains, and the deserts. The sources of power. Houses, people, roads, and bridges.

EXCURSIONS.—Two half-day excursions, to be held on Saturdays, and of which field notes are to be written and presented; an original study of a selected and approved area; collection and annotation of a series of weather charts.

Text-books:

Huntington and Cushing, *Principles of Human Geography* (Chapman & Hall, latest edition).

C. Fenner, *South Australia: A Geographical Study* (Whitcombe and Tombs).

Griffith Taylor, *Australia: A Geography Reader* (Rand, McNally and Co.)

Reference-books:

E. de Martonne, *Shorter Physiography,* translated by E. D. Laborde (Christopher).

Jean Brunhes, *Human Geography.*

Isaiah Bowman, *The New World.*

MENTAL AND MORAL SCIENCE.

61. Psychology.

The course of lectures is given every year, and is completed in one year

Fee for the course, £5 5s., or £1 15s. per term.

Subjects of examination:

The professor's lectures, with the following text-books:

McDougall, *Outline of Psychology.*
Mitchell, *Structure and Growth of the Mind,* Lectures I-XVI.
Lickley, *Nervous System* (Longmans).

For private study:

Stout, *Manual of Psychology.*
Woodworth, *Psychology.*

As a general introduction to the course students may read *Mental Life: An Introduction to Psychology,* by B. Edgell.

62. Logic.

The course of lectures is given every year, and is completed in one year.

Fee for the course, £5 5s., or £1 15s. per term.

Subjects of examination:

The professor's lectures, with
Gibson, *Problem of Logic.*

As an introduction to the subject, students are advised to read:
Creighton, *An Introduction to Logic.*
Bosanquet, *Essentials of Logic.*

The Roby Fletcher Prize is awarded on the results of the examinations in Psychology and Logic.

63. Psychology and Logic for the degree of B.Sc.

This course includes the first term's work in Psychology (No. 61) and the first two terms' work in Logic (No. 62), with additional reading to be prescribed.

64. Advanced Psychology and Logic for the degree of B.Sc.

This course includes the second and third terms' work in Psychology (No. 61) and the third term's work in Logic (No. 62), with additional reading to be prescribed.

65. Ethics.

The course of lectures is given every year, and is completed in one year.

Fee for the course, £5 5s., or £1 15s. per term.

Subjects of examination:

The class lectures on the History of Ethical Systems, with R. R. P. Barbour, *Ethical Theory.*

The texts to be read in connection with the lectures will include Plato's *Republic,* Aristotle's *Ethics,* and Mill's *Utilitarianism.*

PHILOSOPHY.

There are two courses of lectures, called Part I and Part II. Part I is a systematic course and Part II is occupied with the History of Philosophy. Students may begin with either.

Part I is the course for 1933.

Fee for each course, £5 5s., or £1 15s. per term.

66. Philosophy, Part I.

The lectures deal with Theory of Knowledge in Relation to Personality.

Students are expected to read:

Stout, *Mind and Matter.*

W. Brown, *Mind and Personality.*

McKellar Stewart, *A Critical Exposition of Bergson's Philosophy.*

Additional reading will be prescribed in the course of the lectures.

67. Philosophy, Part II.

The lectures deal with (a) Early Greek Philosophy and (b) Modern Philosophy from Descartes to Hume.

Students are expected to read:

Burnet, *Early Greek Philosophy.*

Plato, *Phaedo.*

Descartes, *Method* and *Meditations* (Everyman's Library).

Spinoza, *Ethics* (Everyman's Library).

Locke, *Essay Concerning Human Understanding* (abridged edition by A. S. Pringle-Pattison).

Berkeley, *Principles of Human Knowledge* (Everyman's Library).

Hume, *Enquiry Concerning Human Understanding.*

As an introduction to the course, students are recommended to read Thilly, *History of Philosophy* (Bell & Sons), and Scoon, *Greek Philosophy before Plato* (Princeton University Press).

69. Philosophy for the Honours Degree of B.A.

The examination for the degree includes Psychology, Logic, and Ethics as well as Philosophy.

In addition to the books prescribed for the Ordinary Degree, candidates are expected to read the following:—Ward, *Psychological Principles;* McDougall, *Social Psychology;* Green, *Prolegomena to Ethics;* Ross, *The Right and the Good;* Burnet, *Greek Philosophy,* Part I; Gibson, *Locke's Theory of Knowledge;* Johnstone, *The Development of Berkeley's Philosophy;* Kemp Smith, *Commentary on Kant's Critique of Pure Reason;* Pringle-Pattison, *The Idea of God;* together with texts that are prescribed in connection with lectures on the History of Philosophy.

71. Philosophy for the Degree of M.A.

Candidates for the degree of M.A. in Philosophy are required to consult the Professor of Philosophy within the first month of the academic year in regard to the subject and the course of reading for their thesis.

76. Education.

The course of lectures is given every year, and is completed in one year.

Fee for the course, £5 5s., or £1 15s per term.

Subjects of examination:

The lectures on the History and the Theory of Education.
History of Education.

Book set:

Monroe, *A Brief Course in the History of Education* (Macmillan).

Recommended for additional reading:

Breasted, *Ancient Times.*

Quick, *Educational Reformers.*

Theory of Education.

Book set:

Schulz, *Morality and Moral Education* (Teachers' College).

Recommended for additional reading:

Wilson and Wilson, *The Motivation of School Subjects* (Houghton, Mifflin).

Branom, *The Project Method* (Badger, Boston).

Cook, *The Play Way* (Heinemann).

Parkhurst, *The Dalton Plan* (Bell).

DIPLOMAS IN EDUCATION.

Examinations are held annually, if required, in Hygiene, Educational Psychology, the Principles of Primary School Method, and the Principles of Secondary Education. The examinations need not be taken in the same year, but candidates are not admitted to the examination in Educational Psychology unless they have previously passed in Psychology (Syllabus No. 61), nor are they admitted to the examination in the Principles of Primary School Method, or the Principles of Secondary Education, unless they have previously passed in Education (Syllabus No. 76), and in at least five additional units as prescribed for the Arts or Science degree.

77. Hygiene.

No course of lectures is provided at present.

Text-book:

Porter, *School Hygiene and the Laws of Health* (Longmans, Green, and Co.).

See also, *S.A. Education Gazette,* May, 1932, p. 132.

78. Educational Psychology.

A seminar course of lectures, exercises, and discussions is provided annually.

(1) Revision of general nature of education, especially "our education of pupils." Relation between means, methods, aims, curriculum, syllabus, etc. The process in its teleological aspect.

(2) Pupils' mental activity in school work: (a) Preliminary analysis of "our own consciousness"; (b) Pupils' consciousness: sensation, reasoning, memorising, etc. Processes involved in geography, literature, etc. Modern psycho-analysis. Group mind.

(3) The educational process with reference to "method" in general. "Old" and "new" methods.

No text-books are prescribed, but the following are recommended for reading:

In connection with (1):

Browne, *The Case for Curriculum Revision* (Melbourne Uni. Pr.).

In connection with (2):

Watt, *Economy and Training of Memory* (Arnold).
Miles, *How to Remember* (Warne & Co., N.Y.).
Merret, *A.B.C. of Adler's Psychology.*
Adler, *The Education of Children.*
McDougall, *The Group Mind* (C.U.P.).
Schulz, *The Life of a Class* (S.A. Teachers' Journal, Oct., 1928).

And in connection with (3):

Terman, *Measurement of Intelligence* (Houghton, Mifflin & Co.).
Yoakum & Yerkes, *American Army Tests* (Sidgwick & Jackson).
Monroe, de Voss & Kelley, *Educational Tests and Measurements* (Houghton, Mifflin & Co.).
Wilson & Wilson, *Motivation of School Subjects* (Houghton, Mifflin & Co.).
Branom, *The Project Method* (Badger, Boston).
Caldwell Cook, *The Play Way* (Heinemann).
Parkhurst, *The Dalton Plan* (Bell).
Cunningham, *The Winnetka Plan* (Victorian Educ. Gazette, July, 1927).
Spain, *The Platoon School* (Macmillan).
Pringle, *Adolescence and High School Problems* (Harrap).

79. Principles of Primary School Method.

No course of lectures is provided at present.

Candidates are expected to show an advanced knowledge of the principles of method in teaching English, Arithmetic, Geography, and History in the Primary or Preparatory Schools. Consideration should be given to (a) what is involved in a knowledge of these subjects; (b) the value of such knowledge, etc.; (c) approved school courses and methods; (d) special problems.

Books set for reading:

Arithmetic:

1. *Handbook of Suggestions for Teachers* (Chapter V) (London Board of Education. H.M. Stationery Office).
2. Suzzallo, *The Teaching of Primary Arithmetic* (Houghton, Mifflin, & Co., New York).

History:

1. *Handbook of Suggestions for Teachers* (Chapter III).
2. Archer, Owen, and Chapman, *Teaching of History in Elementary Schools* (Black).
3. *Memorandum on the Teaching of History* (Incorporated Association of Assistant Masters in Secondary Schools. Cambridge University Press).

Geography:

1. *Handbook of Suggestions for Teachers* (Chapter IV).
2. Archer, Lewis, and Chapman, *Teaching of Geography in Elementary Schools* (Black), 4th edition.

3. Brown, Howarth, and McFarlane, *The Scope of School Geography* (Oxford University Press).

English:

1. *Handbook of Suggestions for Teachers* (Chapter II).
2. *The Teaching of English in England* (Departmental Report. H.M. Stationery Office, London).
3. Sampson, *English for the English* (Cambridge University Press).

80. Principles of Secondary Education.

(*a*) General considerations.

Text-book:

Norwood, C., *The English Tradition of Education* (John Murray).

(*b*) Principles of teaching with regard to any three secondary school subjects approved by the Council.

Candidates are advised to take the earliest opportunity of consulting the Lecturer in Education about their course of reading.

81. Practical Teaching.

Candidates must have spent at least three years in teaching in an appropriate school approved by the Council, and give such evidence of skill in teaching and power in control as the Council may require.

82. Essay.

Candidates are also required to write an essay of not less than 10,000 words on some aspect of primary or secondary school aims, organization, management, or methods of teaching. The subject to be dealt with and the literature to be studied must be intimated to the Council and approved at least six months before the work is presented, which may be at any time while the University is in session. The candidate may afterwards be examined on the literature of the subject of his essay.

The essay may not be presented until the subjects numbered 78, 79 or 80, and 81 have been completed.

MATHEMATICS.

86. Pure Mathematics I.

A course of lectures (three hours a week) is given annually.

Pre-requisite subjects: Leaving Mathematics, Parts I and II.

Candidates who have passed the Leaving Honours Examination with credit in Pure Mathematics will be exempted from this course, and will be credited with Pure Mathematics I when they shall have passed the examination in Pure Mathematics II. Candidates who have passed the Leaving Honours examination in Pure Mathematics may be exempted from the course of lectures in Pure Mathematics I. Application for such exemption must be made on the proper form at the beginning of March.

Fee for the course, including the fee for examination, £5 5s., or £1 15s per term.

Subjects of examination:

(*a*) The elements of algebra and trigonometry;
(*b*) The elements of geometry, plane and solid;
(*c*) The most elementary portions of the differential and integral calculus

Text-books recommended:

Barnard & Child, *A New Algebra*, vol. II.
W. H. Jackson, *Solid Geometry*.
J. W. Mercer, *The Calculus for Beginners*.

Students will also require a book of five-figure Mathematical Tables.

87. Pure Mathematics II.

A course of lectures (three hours a week) is given annually.

Pre-requisite subject: Course 86.

Fee for the course, including the fee for examination, £5 5s., or £1 15s per term.

Subjects of examination:

(*a*) The elements of the infinitesimal calculus.
(*b*) The elements of geometry.

88. Engineering Mathematics II.

Pre-requisite subject: Course 86.

This course (three hours a week) includes both lectures and tutorial work, and the lectures comprise such portions of the Course 87 as is determined by the Faculty of Applied Science in consultation with the Professor of Mathematics.

Fee for the course, £5 5s., or £1 15s. per term.

Text-books recommended:

Grace and Rosenberg, *Coordinate Geometry*.
G. W. Caunt, *Introduction to the Infinitesimal Calculus*

89. Pure Mathematics III.

Pre-requisite subject: Course 87.

Candidates are required to attend lectures and to pass examinations in Part I (Elementary Analysis) and in Part II (Geometry).

Fee for each part of the course, including the fee for examination, £3 3s., or £1 1s. per term.

Part I.—Elementary Analysis:

A course of lectures (two hours a week) is given annually.

[This course, although elementary, is not easy, and should be undertaken only by candidates who have a thorough grounding in the earlier work, as indicated, for example, by their having passed with credit the examination in Pure Mathematics II (87)].

Text-books recommended:

G. H. Hardy, *Pure Mathematics*.
H. T. H. Piaggio, *Differential Equations*.

Part II.—Geometry.

A course of lectures (two hours a week) is given annually.

1. *Analytic Geometry.*

Text-book recommended:

R. J. T. Bell, *Analytical Geometry of Three Dimensions (chapters I-VII).*

2. *Projective Geometry.*

Text-book recommended:

Veblen and Young, *Projective Geometry, Vol. I.*

H. F. Baker, *Principles of Geometry, Vols. I and II,* will be found valuable for reference; but these volumes are somewhat too difficult to use as texts.

90. Mathematics III for the Degree of B.Sc.

This course consists of the course in Pure Mathematics III (89), Part I (Elementary Analysis), and the course in Applied Mathematics II (93).

92. Applied Mathematics I.

Pre-requisite subjects: Course 86 and either Physics I (101) or Leaving Honours Physics.

A course of lectures (three hours a week) is given annually.

Fee for the course, including the fee for examination, £5 5s., or £1 15s per term.

Subjects of examination:

Elementary dynamics, statics, and hydrostatics.

Text-books recommended:

John Cox, *Mechanics.*
R. C. Fawdry, *Dynamics.*
R. C. Fawdry, *Statics.*

93. Applied Mathematics II.

Pre-requisite subjects: Courses 87 and 92.

A course of lectures is given annually.

Fee for the course, including the fee for examination, £5 5s., or £1 15s per term.

Subjects of examination:

Elementary dynamics, statics, and hydrostatics.

Text-books recommended:

Horace Lamb, *Dynamics.*
Horace Lamb, *Statics.*

95. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

[Each section (1, 2, 3, 4) is intended to represent a year's work in the subject.]

Candidates for the degree of B.A. or B.Sc. with honours in Mathematics are required:

1. To attend (or to obtain exemption from) the lectures of the course in Pure Mathematics I (86).

To attend the lectures of the course in Pure Mathematics II (87), and one hour a week in addition.

Additional subject: Algebra and Theory of Equations.

Text-books recommended:

W. P. Milne, *Higher Algebra.*

Burnside and Panton, *Theory of Equations,* Vol. I.

Candidates will also find useful Hardy's *Pure Mathematics.*

To attend the lectures of the course in Applied Mathematics I (92).

2. To attend the lectures of the course in Pure Mathematics III (89), Part I, and one hour a week in addition.

Additional subject: Infinite Series.

Text-book recommended:

K. Knopp, *Theory and Application of Infinite Series.*

To attend the lectures of the course in Applied Mathematics II (93).

3. To attend the lectures of the course in Pure Mathematics III, (89), Part II, and four hours a week in addition.

Additional subjects: (i) More advanced analysis (Goursat, *Course d'analyse, tome 1,* will be found valuable for reference); (ii) Theory of Functions of a Complex Variable.

4. To attend courses of lectures in:

(i) Geometry of Three Dimensions.

Text-book recommended:

R. J. T. Bell, *Analytical Geometry of Three Dimensions.*

(ii) Higher Mechanics.

Text-book recommended:

Lamb, *Higher Mechanics.*

(iii) One other subject to be determined, subject to the consent of the professor, by the candidate.

The examination consists of two parts, which may be taken in the same year, or, preferably, in different years.

Part I, paper 1—Algebra and theory of equations;
2—Theory of functions;
3—Analysis.

Part II, paper 1—Geometry;
2—Applied mathematics;
3—Special subject;
4—Essay paper;
5—Essay paper.

It is possible for a candidate to obtain honours, but not first class honours, without attempting paper 3 of Part II.

Candidates who may desire to vary the course above outlined should consult the professor before lectures begin.

Candidates for the degree of B.Sc. with Honours in Mathematics may be required to satisfy the Professor that they have a reading knowledge of French and German.

97. Mathematics for the Degree of M.A. and for the Degree of M.Sc.

Candidates for the degree of M.A. in Mathematics are required to consult the Professor of Mathematics within the first month of the academic year in regard to their course.

Bachelors of Science who have graduated with Honours in Mathematics and who wish to proceed to the degree of M.Sc. in Mathematics may select either one or two from the following subjects, and they will be examined in the subject or subjects chosen. It is impossible to read the literature of the whole of any one of the subjects enumerated; candidates should therefore decide what portion of the subject selected they would prefer to study, and should consult the professor as to text-books and as to the extent of their reading. A considerably more extended knowledge of their subject is expected from those candidates who select only one subject than from those who select two.

1. Arithmetic (theory of numbers);
2. Algebra, including theory of equations and theory of groups;
3. Geometry;
4. The theory of functions;
5. The theory of differential equations;
6. Theoretical dynamics;
7. Astronomy;
8. Mathematical physics;
9. The principles of mathematics;
10. The history of mathematics.

There is not necessarily a written examination; candidates are required to give satisfactory evidence that they have profited by a course of intensive reading extending over at least a year.

Candidates for the degree may present a thesis in lieu of examination

If a thesis is presented it may take the form of

(*a*) an original contribution to some mathematical subject;
(*b*) a report on the present state of some branch of pure or applied mathematics;
(*c*) an essay on the pedagogy (at any stage) of the subject;
(*d*) an essay on the history of some branch of mathematics.

The degree is not awarded on an essay which is a mere compilation of the work of previous writers. A candidate may be required to pass an examination in the subject-matter of his thesis.

PHYSICS.

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

101. Physics I.

The course comprises three hours' lectures and three hours' practical work per week, and is given annually.

Fee for the course, including examination: Lectures, £5 5s.; practical work, £4 4s.

Subjects of examination:

General Physics, including Metrology, Mechanics, Acoustics, Heat, Geometrical and Physical Optics, Electricity, and Magnetism. The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by the following text-book, which should be read concurrently with the lecture course:—

Franklin and Grantham, *General Physics* (Franklin & Charles).

Printed copies of the outlines of the lectures may be obtained at a cost of five shillings.

102. Physics II, B.Sc. Course.

Pre-requisite subjects: Pure Mathematics I (86) and Course 101.

The course comprises three hours' lectures and six hours' practical work per week, and is given annually.

Fee for the course, including examination: Lectures, £6 6s.; practical work, £12 12s.

Subjects of examination:

General Physics, including Mechanics, Acoustics, Heat, Geometrical and Physical Optics, Electricity and Magnetism. The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work and by the following text-book:

Duncan and Starling, *A Text-book of Physics;* or,

Franklin and Grantham, *General Physics.*

The books set for the third-year course are also suitable for consultation.

103. Physics II, B.E. Course.

Pre-requisite subjects: Pure Mathematics I (86) and Course 101.

Students for the degree of B.E., who are not required or do not intend to take the course in Physics III for the degree of B.Sc. or B.E., may take only selected portions of the course in Physics II for the degree of B.Sc., comprising two hours' lectures and three hours' laboratory work weekly, including Heat, Electricity, and Magnetism and an abridged course in Mechanics.

Fee for the course, including examination: Lectures, £4 4s.; practical work, £6 6s.

104. Physics III. B.Sc. Course.

Pre-requisite subjects: Pure Mathematics II (87) and Course 102.

The course comprises three hours' lectures and a minimum of eight hours' practical work per week, and is given annually.

Subjects of examination:

General Physics, as dealt with in the lecture and laboratory courses.

Fee for the course, including examination: Lectures, £8 8s.; practical work, £12 12s.

The following books are recommended for reading and reference:

Edser, *Heat.*
Edser, *Light.*
Starling, *Electricity and Magnetism.*
Watson, *A Text-book of Practical Physics.*
Crowther, *Ions, Electrons, and Ionising Radiations.*

Candidates may also be required to read, in whole or in part, a limited number of original papers.

105. Physics III, B.E. Course.

Pre-requisite subjects: Pure Mathematics II (87 or 88) and Course 102.

The course consists of two hours' lectures and eight hours' practical work per week during the first and second terms, and of one lecture per week during the third term, and is given annually.

Subjects of examination:

Those portions of the course of lectures and laboratory work in Physics III (No. 104) which deal with Heat, Electricity, and Magnetism.

Fee for the course, including examination: Lectures, £6 6s.; practical work, £7 7s.

108. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Pure Mathematics II (87) and Course 104.

Candidates must also attend or have attended lectures in Mathematics III (89 or 90), and such parts of the course of lectures and laboratory work in Inorganic and Physical Chemistry II (113 and 114), as the Professor of Physics may select.

Candidates are required to give their full attendance for an entire academic year to a special course of lectures and laboratory work, and to the study of such books and papers on Physics as may be prescribed; and they may be required to satisfy the Professor that they have a reading knowledge of French and German.

The fee for this special course of lectures and laboratory work is £25

CHEMISTRY.

Examinations.—All examinations in Chemistry include both practical and theoretical papers. These cannot be taken separately in the first instance, but candidates who pass in only one part may apply to be exempted from further attendance and from further examination in that branch of the subject in which they have passed.

Practical Chemistry.—A record of all work done in the laboratories must be kept in an approved notebook, and these records will be inspected periodically throughout the session and at the final examination.

111. Chemistry I.

The course consists of three lectures and six hours' practical work per week throughout the three terms of the year.

THEORY.

The class meets three days a week throughout the three terms.

Fee for the course of lectures, £5 5s.

Subjects of examination:

The subject-matter required for examination is covered by the course of lectures and the reading recommended from time to time throughout the course.

The lectures deal with the principal facts observed and theories involved in physical and chemical change. The chemistry of the chief non-metallic elements and their more important compounds. The systematic study of a few representative metallic elements and their compounds. The elements of organic chemistry.

Books recommended:

Partington, *Inorganic Chemistry* (for Science students).

Macbeth, *Organic Chemistry*.

Bailey and Snellgrove, *Inorganic Chemistry: Non-metals*.

PRACTICAL.

The class meets two afternoons a week throughout the three terms, and is divided into two sections: (a) Medical, Dental, and Science students who are taking Zoology attend on Mondays and Thursdays; (b) Applied Science and other students not taking Zoology attend on Tuesdays and Fridays.

Demonstrations are given regularly throughout the session to introduce the work to be carried out in the laboratories.

Fee for the complete course, £7 7s.

Book recommended:

Atack, *Intermediate Practical Chemistry*.

112. Chemistry I, B.E. Course.

Applied Science students, other than Mining and Metallurgical who take the full course in Chemistry I, attend course 111, both Theory and Practical, during the first and second terms only.

Fee for the lecture course, £3 10s.

Fee for the practical course, £4 18s.

113. Inorganic and Physical Chemistry II. Theory.

Fee, £4 4s.

Pre-requisite subjects: Physics I (101) and Course 111.

The course consists of two lectures per week, is given annually, and is completed in one year. In the first instance courses 113 and 114 must be taken together and presented as an examination subject together, but exemption from further attendance may be granted if a candidate fails to satisfy the examiners in either the theoretical or practical part of the examination.

The lectures deal with the chemistry of the elements from the point of view of the Periodic Classification, and the physical chemistry of gases, solutions, colloids, electrolytes, etc.

Books recommended:

Caven and Lander, *Systematic Inorganic Chemistry.*
Firth, *Physical Chemistry.*

114. Inorganic and Physical Chemistry II. Practical.

Fee, £12 12s.

Pre-requisite subject: Course 111.

In the first instance this course must be taken and presented as an examination subject together with course 113, but in the event of failure in either part of the final examination, exemption from further attendance and examination in the part passed may be applied for.

It consists of eight hours' practical work per week, and includes the qualitative examination of complex mixtures and inorganic salts, ores, and alloys. The gravimetric and volumetric analysis of substances Elementary physico-chemical determinations.

Books recommended:

Cumming and Kay, *Quantitative Chemical Analysis.*
Noyes, *Qualitative Chemical Analysis.*

115. Organic Chemistry II. Theory.

Fee, £4 4s.

Pre-requisite subject: Course 111.

This course, which consists of two lectures per week, must be taken in the first instance along with the practical course 116. In case of failure in the examination at the end of the course exemption from further attendance in either section may be applied for.

The lectures deal with the chief families of aliphatic and aromatic compounds, and theoretical questions arising out of such study.

Books recommended:

Macbeth, *Organic Chemistry*; or,
Bernthsen, *Organic Chemistry.*

116. Organic Chemistry II. Practical.

Fee, £12 12s.

Pre-requisite subject: Course 111.

The course consists of eight hours' practical work per week, and includes the preparation of simple organic substances and their purification. The identification of characteristic organic compounds of a not too involved type.

Book recommended:

Price and Twiss, *Practical Organic Chemistry.*

117. Inorganic and Physical Chemistry III. Theory.

Fee, £5 5s.

Pre-requisite subjects: Pure Mathematics I (86) and Courses 113 and 115.

This course, which consists of two lectures per week, is completed in one year, and deals with advanced work in physical and inorganic chemistry. Some lectures are also given on applied chemistry.

Books recommended:

Lowry and Sugden, *Physical Chemistry.*
Stewart, *Recent Advances in Inorganic and Physical Chemistry.*

For consultation:

Lewis, *System of Physical Chemistry.*
Butler, *Chemical Elements and Their Compounds.*
Taylor, *Introduction to Physical Chemistry.*

118. Inorganic and Physical Chemistry III. Practical.

Fee, £15 15s.

Pre-requisite subject: Course 114.

The course consists of a minimum of fourteen hours' practical work per week, and includes more advanced analytical work and physico-chemical measurements connected with ionic velocities, conductivity, polarimetry, thermochemistry, surface tensions, mass action, viscosity, refractivity, etc.

Book recommended:

Spencer, *Physical Chemistry,* Vols. 1 and 2.

119. Organic Chemistry III. Theory.

Fee, £5 5s.

Pre-requisite subjects: Courses 113 and 115.

This course consists of two lectures per week, and deals with the chemistry of heterocyclic compounds and alicyclic compounds not dealt with in the second-year lectures. Stereochemistry and problems of steric hindrance. Dyestuffs. The simpler alkaloids, terpenes, and natural colouring matters.

Books recommended:

Stewart, *Recent Advances in Organic Chemistry.*
Stewart, *Stereochemistry.*
Bernthsen, *Organic Chemistry.*

Others for consultation as recommended.

120. Organic Chemistry III. Practical.

Fee, £15 15s.

Pre-requisite subject: Course 116.

This course consists of a minimum of fourteen hours' practical work per week, and deals with the identification of organic substances, including mixtures of two or more simple compounds, quantitative organic analysis, and the preparation of organic substances.

Books recommended:

Clarke, *Handbook of Organic Analysis.*
Sudborough and James, *Practical Organic Chemistry.*
Thorpe and Whiteley, *Organic Chemical Analysis.*

121. Elementary Physical Chemistry.

Fee: £1 8s.

This is a short special course of twelve lectures given in the third term of the year.

123. Chemistry for the Honours Degree of B.Sc.

Pre-requisite subjects: Courses 111 to 120 inclusive.

Candidates must choose either Organic Chemistry or Inorganic and Physical Chemistry as principal subject and the other as subsidiary subject. They are examined in both principal and subsidiary subjects in both theory and practice, but they are subjected to a more searching examination in the principal subject. They are expected to give all the time not necessarily devoted to lectures to work in the laboratory. They must also have attended such portions of the lectures on Mathematics and Physics as the Professor of Chemistry may deem necessary for the better understanding of Advanced Chemistry; and they may be required to satisfy the Professor that they have a reading knowledge of French and German.

Students for the Honours degree in Chemistry pay a fee of £25 per year, or £8 6s. 8d. per term.

Text-books:

Those for the Pass Degree, and, in addition, others, to which reference will be given by the Professor from time to time

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GEOLOGY AND MINERALOGY.

141. Geology I.

Fee for the course, including examination: Lectures, £3 3s.; practical work, £3 3s.; and a charge of 2s. 6d. is made for a typewritten synopsis of the course.

LECTURES.—A course of fifty-four lectures extending throughout the three terms, delivered twice a week.

Cosmical Geology—The Universe and its fabric. The Earth, its origin, superficial shape, and interior structure.

Geognosy—The atmosphere, the hydrosphere, the lithosphere.

Material Geology—Elementary mineralogy and petrology.

Dynamical Geology—The work of wind, water, ice, chemical agents, and organic life in denudation and aggradation. The movements of underground waters. Seismic phenomena and vulcanism.

Tectonic Geology—Rock structures, folds and faults, isostasy, mountain structure.

Physiographic Geology—The erosion cycle and the evolution of land forms.

Stratigraphical Geology—The elements of stratigraphy and fossil remains. A brief outline of geological chronology, with special reference to Australian and more particularly to South Australian stratigraphy. The rise of the fauna and flora through geological time.

LABORATORY WORK.—This consists of two demonstrations of one hour each a week. Three hours are set apart in the timetable for this work; any two of them may be selected. The work deals with the construction and interpretation of geological maps and sections; the examination and determination of hand specimens of crystals, minerals, rocks, and fossils. In addition, students are advised to reserve at least one hour further a week, at times to suit themselves, for individual practice in studying the collections in the laboratory.

FIELD WORK.—There will be six field excursions to places of geological interest near Adelaide. These will be held on Saturdays or holidays during session.

APPARATUS.—Students need to provide themselves with a geological hammer, pocket lens, penknife, and magnet, each of approved type.

Books of reference:

Pirsson, Schuchert, and Longwell, *Foundations of Geology.*

Lake & Rastall, *Text-book of Geology.*

Norton, *Elements of Geology.*

Lake, *Physical Geography.*

Platt and Challinor, *Simple Geological Structures.*

Howchin, *Geology of South Australia.*

David, *Explanatory notes to accompany a new geological map of the Commonwealth of Australia.*

142. Geology II.

Fee for the course, including examination: Lectures, £4 4s.; practical work, £8 8s.

LECTURES.—This course consists of fifty-four lectures, divided into three parts as under, delivered respectively in the first, second, and third terms

Crystallography and Mineralogy—Molecular arrangements and crystal structures; the geometrical and optical properties of crystals; symmetry and classification. The physical and chemical characters of minerals, their classification, and a description of the more important species, with special reference to modes of origin, distribution, and economic uses.

Petrology—Elementary petrogenesis, including the principles that control the solidification of rocks from a molten state; mechanical transport and deposition of sediments, and depositions from aqueous solution; and metamorphism, both thermal and dynamic. The megascopic and microscopic characters of rocks. The classification of the igneous, sedimentary, and metamorphic rocks.

Stratigraphy and Palaeontology—Stratigraphical geology with special reference to the Commonwealth of Australia. Elementary palaeontology, covering an appropriate range of index fossils.

LABORATORY WORK.—Fifty-four demonstrations of one hour each divided into three parts as detailed below, and delivered respectively in the first, second, and third terms.

Crystallography and Mineralogy—Crystallography. A study of minerals in the hand specimen. Blowpipe analysis and determinative mineralogy.

Petrology—The use of the petrological microscope; the optical properties of the chief rock-forming minerals; the textures and structures of the igneous rocks both by the use of microscope slides and hand-specimens; the study of sedimentary and metamorphic rocks in hand-specimens.

Stratigraphy and Palaeontology—Invertebrate palaeontology and further instruction in geological mapping.

In addition to the fifty-four hours occupied by the course of demonstrations students must reserve a further twenty hours each term for individual practice in the laboratory.

FIELD WORK.—A minimum of six days will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible a camp or camps will be arranged during vacation time.

APPARATUS.—In addition to the apparatus required for the Part I course students need to provide themselves with the following:—

(*a*) A blowpipe, six inches of platinum wire, etc., as apparatus for the blowpipe course, costing in all about £1.

(*b*) A petrological microscope of approved pattern. Microscopes can be hired from the department at a fee of £1 for the course

(*c*) Each student is provided with a set of rock slides for the microscope course, which should be returned in good order at the end of the year. A charge of two shillings and sixpence each is made in the case of any of the slides which the student may break or lose.

Text-books:

F. Rutley, *Elements of Mineralogy* (22nd ed.), rev. by H. H. Read (Murby).

F. H. Hatch, *Petrology of the Igneous Rocks* (8th ed.), rev. by A. K. Wells (Allen & Unwin).

H. Woods, *Palaeontology: Invertebrate* (6th ed.) (C.U.P.).

Books of reference:

Smith, *Minerals and the Microscope;* Evans, *Determination of Minerals under the Microscope;* Harker, *Petrology for Students;* Swinnerton, *Outlines of Palaeontology;* Chapman, *Australian Fossils;* Chalmers, *Geological Maps;* Howchin, *Geology of South Australia;* Süssmilch, *Geology of New South Wales;* David, *Explanatory notes to accompany a new geological map of the Commonwealth of Australia.*

143. Geology II. B.E. Course.

Students taking the course for the degree of B.E. in Mining or Metallurgy attend lectures and practical work in Course 142 during the first and second terms only.

144. Geology III.

Fee for the course, including examination: Lectures, £8 8s.; practical work, £12 12s.

LECTURES.—This course consists of eighty lectures delivered regularly throughout the three terms, covering the following range:

Crystallography—Brief survey of the thirty-two systems; crystal drawings and projections; crystalline structure and chemical constitution.

Optical Mineralogy—The construction and theory of the microscope; the transmission of light through crystals; optical indicatrix; birefringence; optic axial angle, dispersion.

Petrology—The fundamental principles of petrology; the classification of rocks; the more important types in a detailed survey of igneous, sedimentary, and metamorphic rocks. A discussion of some of the more intricate problems in the origin and descent of rocks. The principles of ore-deposition. Petroleum geology.

Stratigraphy—The principles of stratigraphy; the geology of Australasia in considerable detail.

LABORATORY WORK.—Eighty demonstrations of one hour each distributed throughout the year. Students must spend a further 250 hours in the laboratory occupied with individual work.

Crystallography—Simple exercises in projection and drawing of crystals; goniometry and calculation of face indices and crystal elements.

Optical Mineralogy—The determination of refractive index, birefringence, optic orientation, optic sign, dispersion, optic axial angle, and absorption.

Petrology—Petrographic methods. Micro-chemical tests. Rock textures. A course of microscopic petrology covering the principal rock types. Calculation of the Norm. Quantitative determination of the mineral composition of rocks by means of the microscope. Examination of detrital sediments.

STRATIGRAPHY.—Plane-table, contour mapping. Geological surveying.

WORK IN THE FIELD will comprise at least a fortnight; also a piece of original field mapping must be submitted by each student.

Books of reference:

Dana and Ford, *Text-book of Mineralogy*; Winchell, *Elements of Optical Mineralogy* (3rd ed.); Holmes, *Petrographic Methods and Calculations*; Milner, *Sedimentary Petrography*; Twenhofel, *Treatise on Sedimentation*; Grubenman, *Die Crystalinen Schiefer*; Weinschenk and Johannsen, *The Fundamental Principles of Petrology*; Tyrrell, *Principles of Petrology*; Grabau, *The Principles of Stratigraphy*; Read, *Geology of the British Empire*; Spurs, *The Ore Magmas*; Emmons, *Geology of Petroleum*.

When required, a third-year course, more specialized either in palaeontology or in mineralogical-petrological studies will be provided.

Additional books for reference for these specialized courses:

Zittel, *Text-book of Palaeontology,* Vol. I (2nd ed.), trans. by Eastman; Seward, *Fossil Plants;* or,

Tutton, *Crystallography and Practical Crystal Measurements;* Barker, *Graphical and Tabular Methods in Crystallography;* Washington, *Manual of Rock Analysis.*

145. Mining Geology.

This course, the course in Geology I (141), and course 143, complete the requirements in geology and mineralogy for students in Mining Engineering. Lectures and laboratory work is conducted each year during the third term.

LECTURES.—Sixteen lectures to be delivered in the third term of the year dealing with underground waters and their composition. Genetic classification and systematic description of mineral deposits. The localization of ore shoots. Secondary processes and their results. Metallogenetic provinces and metallogenetic epochs. The significance of deleterious impurities and the standards specified for various ores of the metals for marketable non-metallic mineral substances. Prospecting operations, including geophysical survey.

LABORATORY WORK.—Sixteen demonstrations covering a more extended course of microscopic petrology and dealing particularly with ores and opaque minerals studied in reflected light. Included also is the identification of detrital and fragmental materials. Students must reserve a further 20 hours for individual practice.

FIELD WORK.—Several days are occupied in geological instruction underground, so far as possible, in conjunction with the regular mining excursion.

Text-book:

Lindgren, *Mineral Deposits* (revised ed.)

Books of reference:

Ries, *Economic Geology.*

Emmons, *The Principles of Economic Geology.*

Davey & Farnham, *Microscopical Examination of Ore Minerals.*

Beyschlag, Vogt, and Kruch, *Ore Deposits* (Vols. I and II, English trans.).

Sneiderhölm and Ramdohr, *Lehrbuch der Erzmikroskopie.*

146. Engineering Geology.

This course and the course in Geology I (141) complete the requirements in geology for students in Civil Engineering. Lectures are given in alternate years, and will be given in 1934.

A course of sixteen lectures to be delivered in the third term of the year dealing with the geological questions affecting water-supply and drainage; also harbour, canal, and railway construction. Fuels and refractories; building and decorative stones; road metals for highway construction; clays, sands, limes, cements, and plasters; mineral pigments, abrasives, lubricants, and insulators.

Text-book:

Ries & Watson, *Engineering Geology.*

147. Agricultural Geology.

Pre-requisite subject: Geology I (141).

Students taking the course for the degree of B.Ag.Sc. attend a selected portion of the course in Geology II (142) during the first and second terms of the year, and a special course during the third term, which consists of sixteen lectures and covers the following range of subjects:—

Soil-making minerals. Mineral fertilizers. Ground-water. Soil formation. Rocks and residual soils therefrom. Alluvial and colluvial soils. Lacustrine and cumulose soils. Eolian soils. Glacial soils. Soil regions, with special reference to the Commonwealth. Climatic control. Physiographic control.

Books of reference:

Emerson, *Agricultural Geology*.
Hilgard, *Soils*.
Hall, *The Soil*.
Rastall, R. H., *Agricultural Geology*.

149. Geology and Mineralogy for the Honours Degree of B.Sc.

Candidates for the Honours Degree are required to pass a more stringent examination in the Geology III course, including an extension of the stratigraphical sections beyond the Australasian area and embracing the broader geological features contributing to the structure of the earth's crust. They are further required to attend lectures and pass the examinations in the three special courses (Courses 145, 146, and 147). Evidence is required of having spent at least thirty-five days in field work. A piece of approved original work must be submitted and candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Fee for the course, £25.

BOTANY.

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

EXAMINATIONS.—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

There are three courses in Botany for the ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course, but at the final examination candidates are examined on the subject-matter of the whole syllabus.

151. Botany I.

Fee for the course, including examination: Lectures, £3 3s.; practical work, £5 5s.; and a charge of 2s. 6d. is made for typewritten synopses of the practical course.

I. A course of two lectures a week throughout the session dealing with the following:—

i. Elementary structure and physiology of the typical green plant (autotrophic vegetation), with special reference to the spermophyta.

ii. Reproduction in plants (asexual and sexual, including selected types from the algae, bryophyta, pteridophyta, and spermophyta.

iii. Heterotrophic plants, as instanced by selected fungus types and the common examples among the local seed plants.

iv. An introduction to the classification of plants, with special reference to the spermophyta of the district.

v. Elements of floral biology and ecology, as displayed in the local flora.

II. Practical Work for the above course will be two periods per week throughout the year.

The lectures are given on Tuesdays at 10 a.m. and on Thursdays at 12 noon, and the laboratory work takes place on Mondays and Tuesdays.

The laboratory work will take place on Mondays and Tuesdays.

Text-book:

Smith, Overton, Gilbert, et al., *A Text-book of General Botany* (Macmillan, Revised Edition, 1928).

Students must also possess and learn to use J. M. Black's *Flora of South Australia,* Parts I-IV (Govt. Printer, Adelaide).

152. Botany II.

Fee for the course, including examination: Lectures, £4 4s.; practical work, £12 12s.

Pre-requisite subjects: Chemistry I (111) and Course 151.

A course of three lectures per week throughout the year dealing with the anatomy and morphology of the spermophyta. The physiology of plants; genetics and evolution; plant ecology, with special reference to South Australia; the principles of classification and geographical distribution of the Spermophyta. The lectures in Plant Physiology presuppose a knowledge of Chemistry I and Physics I.

Practical Work extending over six hours per week throughout the course is arranged in connection with the lectures. Students make and examine preparations of the plants dealt with in the lectures. In connection with the lectures dealing with vegetable physiology and ecology, simple experiments are performed and excursions arranged to study the subject in the field. For the practical work in the third term students must possess Rendle's *The Classification of Flowering Plants,* Vol. II (Camb. Univ. Press).

Books of reference:

Haberlandt, *Physiological Plant Anatomy.*
Russell, *Soil Conditions and Plant Growth.*
Stiles, *Permeability.*
Stiles, *Photosynthesis.*
Rendle, *The Classification of Flowering Plants,* Vol. II.
Willis, *Manual and Dictionary of Flowering Plants and Ferns.*
Raber, *Plant Physiology.*
Thomson, *The Life of the Cell.*
Griffith Taylor, *The Australian Environment.*
James, *Plant Physiology.*

153. Botany III.

Fee for the course, including examination: Lectures, £5 5s.; Practical, £12 12s.

Pre-requisite subject: Course 152.

A course of lectures is given from time to time on the anatomy, morphology, and phylogeny of the algae, bryophyta, and pteridophyta (recent and fossil). Physiology and biochemistry of plants. The biology and reproduction of the fungi; parasitism, and saprophytism.

Books of reference:

Bower, *Origin of Land Flora.*
Duggar, *Fungus Diseases of Plants.*
Campbell, *Mosses and Ferns.*
West, *Algae.*
Onslow, *Plant Biochemistry.*
Bower, *Filicales,* Vols. I-III.
Haas and Hill, *The Chemistry of Plant Products.*
Gwynne-Vaughan and Barnes, *The Structure and Development of the Fungi.*
Heald, *Manual of Plant Diseases.*

155. Botany for the Honours Degree of B.Sc.

Candidates for the Honours Degree in Botany are required to show a more detailed knowledge of the subjects than is required for the Ordinary Degree, and to pass a more stringent examination. They are expected to spend all the time not necessarily devoted to lectures in the laboratory and they are required to attend such lectures and pass such examinations in Chemistry and other subjects as the Professor of Botany may deem necessary. Ordinarily it is necessary that the additional subjects be taken before the final year's work in Botany. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books of reference are set from time to time by the Professor.

Candidates are required, before presenting themselves for the final examination, to submit a representative herbarium of South Australian plants collected and named by themselves.

Intending Honours students should consult the Professor of Botany as to the type of collection to be made at the beginning of their work in Botany III, i.e., a full year before entering on their Honours course.

Further reading is prescribed during the course. Intending Honours candidates are expected to read during the long vacation before they begin their final year, and should consult the Professor of Botany, who will advise a suitable course.

Students for the Honours degree in Botany pay a fee of £25, or £8 6s. 8d. a term.

ZOOLOGY.

EXAMINATIONS.—All examinations in zoology include both theoretical and practical papers. These cannot be taken separately.

161. Zoology I.

Fee for the course: Lectures, £3 3s.; practical work, £5 5s.

This course includes:

(*a*) The general physiology of animals; the processes of nutrition, respiration, secretion, growth, reproduction, locomotion, and sensory perception being discussed and illustrated by selected types.

(*b*) The histological characters of the blood, epidermal and connective tissues, cartilages, bone, muscle, and nerve in vertebrates.

This part of the course is intended to serve as an introduction to the histology of the human body.

(*c*) A brief survey of the chief classes of invertebrata.

(*d*) The fundamental facts of vertebrate embryology and morphology.

The lectures are given on Wednesdays and Fridays from noon to 1 p.m.; the practical class meets from 2 to 5 p.m. on Tuesdays and Fridays.

Text-books (in each case the latest edition):

Borradaile, *A Manual of Elementary Zoology.*

J. F. Abbott, *The Elementary Principles of General Biology.*

162. Zoology II and III.

Fees for the course: Zoology II—Lectures, £4 4s.; practical work, £12 12s. Zoology III—Lectures, £5 5s.; practical work, £12 12s.

A. An advanced course of lectures with practical work on the comparative anatomy and embryology of the Chordata, for second and third year students. This course will be given in 1933 and in alternate years thereafter.

B. An advanced course of lectures with practical work on the anatomy and embryology of the Invertebrata, for second and third year students. This course will be given in 1934 and in alternate years thereafter.

C. A course of lectures and practical work on Histology, Cytology, Evolution, Heredity, and Genetics will form part of the third-year work in Zoology, and must be taken in addition to the courses outlined in A or B.

Books recommended:

A and B:

Parker and Haswell, *A Text-book of Zoology.*
Thomson and Geddes, *Evolution.*
W. A. McBride, *Introduction to the Study of Heredity.*
W. A. McBride, *Text-book of Embryology. Invertebrata.*
J. G. Kerr, *Text-book of Embryology. Vertebrata.*

C:

W. E. Agar, *Cytology.*
R. C. Punnett, *Mendelism.*
H. H. Newman, *Evolution, Genetics, and Eugenics* (Univ. Chicago Press).
E. A. Schafer, *Essentials of Histology.*

165. Zoology for the Honours Degree of B.Sc.

Candidates for the Honours Degree in Zoology are required to show a more detailed knowledge of the subject than is required for the Pass Degree, and to pass a more stringent examination. They are required to spend all the time not necessarily devoted to lectures in the laboratory, and to attend such lectures and pass such examinations in other subjects as the Professor may deem necessary. Ordinarily it is necessary that the additional subjects be taken before the final year's work in zoology.

A course of reading is prescribed by the Professor, and candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Fee for the course, £25.

PHYSIOLOGY and BIOCHEMISTRY.

171. Physiology and Biochemistry.

Pre-requisite subjects: Physics I (101), Chemistry I (111), Botany I (151), Zoology I (161).

The course extends over six terms.

It comprises the course prescribed for medical students (Courses 332 and 336), and, in addition, candidates are required to undertake further reading and laboratory work, to be prescribed by the Professor of Biochemistry or the Professor of Human Physiology.

Before being credited with a pass in this subject, candidates must have attended the courses of instruction and passed the final examinations in Elementary Physical Chemistry (121) and Histology (a course extending over two terms of the second year).

Fees: Second year—Lectures (three terms), £5 5s., or £1 15s. per term; practical work (three terms), £12 12s., or £4 4s. per term. Third year—Lectures (two terms), £5 5s., or £2 12s. 6d. per term; practical work (three terms), £12 12s., or £4 4s. per term.

Text-books:

Those recommended under 332 and 336.

172. Physiology for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 171.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the physiological laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Physiology. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Candidates for the Honours Degree of B.Sc. in Physiology pay a fee of £25 for the course.

Text-books:

Starling, *Principles of Physiology.*
Macleod, *Physiology and Biochemistry in Modern Medicine.*
Bayliss, *General Physiology.*
Bayliss, *Vaso-motor System.*
Cushny, *Secretion of the Urine.*
Krogh, *Respiratory Exchange of Animals and Man.*

173. Biochemistry for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 171.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the biochemical laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Students for the Honours Degree of B.Sc. in Biochemistry pay a fee of £25 for the course.

Text-books:

Robertson, *Principles of Biochemistry.*
Robertson, *The Physical Chemistry of the Proteins.*
Robertson, *The Chemical Basis of Growth and Senescence.*
Arrhenius, *Quantitative Laws in Biological Chemistry.*
Macleod, *Physiology and Biochemistry in Modern Medicine.*
Macleod, *Carbohydrate Metabolism and Insulin.*
Sherman, *Chemistry of Food and Nutrition.*
Gortner, *Outlines of Biochemistry.*

ANATOMY.

180. Vertebrate Anatomy and Morphology for the Honours Degree of B.Sc.

Candidates for the examination must have passed their anatomy and physiology for the degrees of M.B. and B.S.

Candidates will be admitted to examination two years after beginning the course.

The subjects of the examination will be as follows:—

1. VERTEBRATE EMBRYOLOGY.—The candidate will be required (a) to write an essay upon some subject of general embryological bearing, (b) to be examined in vertebrate embryology in general, and (c) to display special knowledge of the development of some type or group to which he elects to give special attention and upon which he has conducted some original work.
2. VERTEBRATE ANATOMY.—The candidate must have conducted dissections of five vertebrate animals of which not less than three shall be mammals and one shall be a member of the order Primates. The candidate will be required to submit to the examiners the notebooks and drawings of his dissections. In no case will the types dissected during the anatomy or zoology course for medical degrees, be accepted as one of the five types required for this examination.
3. The candidate may elect either (*a*) physical anthropology, including practical craniometry, or (*b*) neurology.

Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

AGRICULTURAL SCIENCE.

181. Agriculture II.

A course of lectures, practical work, and demonstrations covering the following:—

1. Climate and soil as controlling factors in crop production and distribution. Climatic conditions and crop zones in Australia. The principles involved in tillage, drainage, crop rotation, manuring, fallowing, and their application to farm practice.
2. The botanical characters and relative agronomic importance of native and introduced plants commonly found in pastures—identification of pasture plants by vegetative and floristic characters.
3. Principles of genetics—variation, heredity and environment, physical basis of heredity, Mendelian segregation, interaction of factors, inheritance of quantitative characters, mutation, inbreeding and crossbreeding, hybrid vigor.

182. Agriculture III.

A course of lectures, practical work, and demonstrations covering the following:—

1. Botanical characters of the principal farm crops and their varieties. Factors affecting the nutrition and growth of crop plants. The water requirements of farm crops—methods of cultivation and utilization of grain, root, and forage crops. Field experiments and plot technique.

2. Classification of grasslands in relation to environment, their component associations and succession. Establishment, stocking, and cultural management of sown pastures. Improvement of pastures by top-dressing, pasture management, and reseeding. Field experiments and technique.

3. The genetics of crop plants, technique of hybridization and selection, and methods of producing improved strains of plants.

Text-books:

E. J. Russell, *Soil Conditions and Plant Growth* (Longmans, Green, & Co.).

E. B. Babcock and R. E. Clausen, *Genetics in Relation to Agriculture* (McGraw Hill Book Co.).

Books of reference:

Maximov, *The Plant in Relation to Water* (George Allen & Unwin).

Breakwell, *Grasses and Fodder Plants of New South Wales* (Government Printer, Sydney).

Hayes and Garber, *Breeding Crop Plants* (McGraw Hill Book Co.).

Montgomery, *Productive Farm Crops* (J. B. Lippincott Co.).

184 Agricultural Chemistry.

The course consists of two lectures and a minimum of twelve hours' practical work per week over a period of three terms.

THE LECTURES deal with the historical development of agricultural chemistry. The principles of animal nutrition from an agricultural viewpoint, including the balance of matter and energy, feed requirements for maintenance and growth and for production of fat, milk, work, and wool. Computation of rations. The relationship between the plant and the soil. The chemical principles underlying the processes of soil formation, the supply and availability of nutrients, soil colloids, soil classification, and the physical and chemical properties of soils. The chemistry of fertilizers, foodstuffs, dairy products, insecticides, and fungicides.

PRACTICAL WORK.—General quantitative analysis of plants and fodders for protein, fibre, ether extractives, carbohydrates, and the more important constituents of the ash. Scientific investigation of soils consisting chiefly in quantitative work designed to illustrate their more important physical and chemical properties, e.g. mechanical composition; moisture relationships; exchangeable bases; hydrogen ion concentration; buffer capacity, etc. Analysis of soils for total and available nutrients (Ca, Mg, K, Na, N, P) for salts (nitrates, chlorides, sulphates, carbonates). Analysis of fertilizers and materials of general agricultural interest.

Text-books:

Russell, *Soil Conditions and Plant Growth* (Longmans, Green, & Co., Ltd.).

Comber, *Introduction to the Scientific Study of the Soil* (Edward Arnold & Co.).

Prescott, *The Soils of Australia in Relation to Vegetation and Climate* (C.S.I.R. Bulletin No. 52).

Gardner, *Fertilizers and Soil Improvers* (Crosby Lockwood & Son, London).

Armsby, *The Nutrition of Farm Animals* (Macmillan).

Prescott and Piper, *Methods for the Examination of Soils* (C.S.I.R. Pamphlet No. 8).

Books of reference:

Hilgard, *Soils.*

Ingle, *Manual of Agricultural Chemistry.*

Holmes, *Laboratory Manual of Colloid Chemistry.*

Spencer, *An Experimental Course of Physical Chemistry* (2 vols.)

Wiegner and Jenny, *Anleitung zum quantitativen agrikulturchemischen Praktikum.*

185. Agricultural Bacteriology.

The course of lectures and practical work extends over a period of one term, and is given normally in conjunction with Agricultural Chemistry.

THE LECTURES deal with the role of micro-organisms in various departments of agricultural practice.

PRACTICAL WORK.—Bacterial counts for soils, dairy products, and water. Preparation and examination of pure cultures of the more important organisms of agricultural interest, and a study of their morphology and reactions.

Text-books:

Marshall, *Microbiology* (Churchill, London).

Fred and Waksman, *Laboratory Manual of General Microbiology* (McGraw Hill Book Co.).

Books of reference:

Waksman, *Principles of Soil Microbiology.*

Percival, *Agricultural Bacteriology.*

NOTE.—Before presenting themselves for this course, students who have not yet done so are advised to provide themselves with a microscope of approved pattern, including an oil immersion lens.

186. Biochemistry.

Students take the same course in Biochemistry as is prescribed for the ordinary degree of Bachelor of Science. *Vide* Syllabus No. 171.

187. Physical Chemistry.

Students attend a section of Inorganic and Physical Chemistry II as prescribed for the ordinary degree of Bachelor of Science (Courses 113 and 114). The theoretical work comprises one lecture a week throughout the year; and the practical work comprises one five-hour period a week during the third term (Mondays, 12-5).

189. Plant Pathology and Mycology.

A course of lectures and practical work during the second and third terms is given from time to time for students taking the course for the degree of B.Ag.Sc. There are three lectures and six hours' practical work per week.

The course deals with the more important diseases of cultivated plants and their treatment; outlines of the classification of fungi. The laboratory work comprises an examination of specimens dealt with in the lectures, and elementary instruction in the preparation of media and growth of fungus organisms.

Text-books:

B. M. Duggar, *Fungus Diseases of Plants* (Ginn & Co., N.Y.).
F. D. Heald, *Manual of Plant Diseases* (McGraw Hill Book Co.).

Books of reference:

D. MacAlpine, *Rusts of Australia* (Government Printer, Melbourne).
D. MacAlpine, *Smuts of Australia* (Government Printer, Melbourne).
D. MacAlpine, *Fungus Diseases of Potato in Australia* (Government Printer, Melbourne).
F. L. Stevens, *The Fungi which Cause Plant Disease.*
Gäumann and Dodge, *Comparative Morphology of Fungi.*
And current journals.

190. Entomology.

The course of lectures and practical work for fourth-year students taking the course for the degree of B.Ag.Sc. deals with the following aspects of entomology:—

1. Outlines of morphology, metamorphosis, and classification of insects as illustrated by selected types.
2. Life history, bionomics, and methods of control of selected examples of insects of economic importance in agriculture and horticulture.
3. The principles of insect control: mechanical and cultural control measures—insecticides—biological control by means of parasites and predators—legislation in relation to control.

The practical work consists of examination of selected insect types and the damage caused by them.

Books of reference:

A. D. Imms, *A General Text-book of Entomology.*
A. F. Mason, *Spraying, Dusting, and Fumigation of Plants*
C. L. Metcalf and W. P. Flint, *Destructive and Useful Insects*
R. J. Tillyard, *Insects of Australia and New Zealand.*

APPLIED SCIENCE.

201. Applied Mechanics II.

Constrained motion. Higher and lower pairing. Relative motion, instantaneous motion. Virtual centres. Centrodes. Kinematic chains. Diagrams of displacement, velocity, and acceleration. Diagrams for simple harmonic motion. Quadric crank chain. Special forms. Straight-line motions. Slider crank chain. Displacement, velocity, and acceleration of crosshead. Analytical and graphical methods. Inversion of the chain. Double slider crank chains. Inversions. Determination of velocity and acceleration from virtual centres, from point paths, from polar diagrams. Alterations of mechanisms, change and dead points. Wheel gearing, simple and compound. Epicyclic gearing. Cams. Forms for various purposes. Velocity ratio. Lobed wheels. Roots' blower. Spheric motion. Hooke's joint.

Book of reference:

Durley, *Kinematics of Machines.*

203. Assaying I.

Estimation of coke and volatile matter in coal. Estimation in the dry way of lead and silver in litharge and red lead, argentiferous ores, including cerrusite, galena, kaolin, and furnace products as mattes and slags. Estimation of gold and silver in auriferous and argentiferous ironstone, quartz, pyrites, arsenical and antimonial and metallurgical products by both dry and mixed wet and dry methods. Estimation of tin in the dry way in tin ores. Effect of different metals and furnace conditions on cupellation and scorification. Dry assay of bullion. Check assaying.

Text-book:

E. A. Wraight, *Assaying in Theory and Practice.*

204. Assaying II. Metallurgical Course.

The course will consist of the following estimations:—Copper, iron, lime, manganese, and zinc in ores, slags, etc. Gold and silver bullion by Gay Lussac's sodium chloride method and Volhard's thiocyanate method. Arsenic in various materials. Phosphorus in manures, phosphate rock, and basic slag. Antimony and chromium in ores and alloys. Tin, by Pierce Low method. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and chalcopyrite, involving separations and the use of volumetric and gravimetric estimation of the constituents. Complete analysis of various metallurgical products Analysis of typical commercial metals and alloys. Determination of coke, volatile matter, ash, moisture, and sulphur in coal. Calorific power of fuels

205. Assaying II. Mining Course.

Determination of iron, lead, copper, zinc, manganese, lime, phosphates, sulphur.

Assay of working solutions resulting from the cyanide process of extracting gold. Assay of silver bullion by Volhard's method. Assay of gold bullion.

206. Assaying III.

Analyses of iron and steel works' materials and products. Analyses of furnace gases. Technical analysis of boiler water. More difficult analyses of materials named in Assaying II, and those containing tin, bismuth, cadmium, mercury, and other less common elements. Complete analyses of commercial metals and alloys.

211. Architectural Construction and Practice I and II.

A course of lectures and drawing office instruction in Architectural practice.

A study of the South Australian Building Act. The preparation of working drawings and specifications. Estimating. The preparation of details. Building materials and their use in local buildings.

The mechanical equipment of buildings—for sanitation, electric installation, elevators, heating and ventilation, refrigerators, acoustics, illuminations.

Professional Practice—Duties and responsibilities, office management, business practice.

Students comply with the R.A.I.A. testimonies of study requirements and prepare "complete working drawings and specifications of a building of moderate dimensions, with one sheet of half-inch details and one sheet of full-size details."

Students are required to make working drawings in connection with some prescribed building problem, as far as possible without the aid of the instructor.

Visits are made to buildings in course of construction and to manufacturing works.

212. Architectural History I.

A course of lectures on the development of Architecture: The architecture of Egypt, the two rivers, the Aegean, Greek, Roman, Early Christian, Byzantine and Mediaeval. Students prepare notebooks to comply with the R.A.I.A. testimonies of study requirements.

Text-book:

Banister Fletcher. *History of Architecture.*

213. Architectural History II.

A continuation of the course of lectures on Architectural Development.

The leading characteristics and history of the great styles of architecture. The design and general structure of the main buildings in the world and their history. General knowledge of the principal works of the great masters of the Arts.

A detailed study of Renaissance architecture in Italy, France, and England up to 1850.

Students prepare note-books to comply with the R.A.I.A. testimonies of study requirements.

Text-book:

Banister Fletcher, *History of Architecture.*

Books of reference:

Spiers—Mauch, *The Orders.*

Anderson & Spiers, *The Architecture of Greece and Rome.*

Simpson, *History of Architectural Development.*

Anderson, *The Architecture of the Renaissance in Italy.*

Blomfield, *A Short History of Renaissance Architecture in England.*

Ward, *Renaissance in France.*

214. Architectural Design I.

A course of instruction on Architectural Composition. Students are required to make studies in simple compositions based on the traditional styles.

Analatique design: Students prepare testimonies of study to comply with the R.A.I.A. requirements.

Books of reference:

J. B. Robinson, *Architectural Composition.*

T. P. Bennett. *The Relation of Sculpture to Architecture.*

N. C. Curtis, *Architectural Composition.*

215. Architectural Design II.

More advanced work in the syllabus of No. 214. General requirements and principles of design. Furnishing, decoration, and civil art.

216. Architectural Thesis.

Students comply with the R.A.I.A. testimonies of study requirements in Architectural Design and prepare an original design for a building costing not less than £20,000; submitting with it a report explaining the basis of the design, with references. The work is to be done as far as possible without assistance.

219. Building Construction.

A descriptive course in elementary building construction. The lectures include the consideration of wall and arch construction in brick-work and masonry. Joints in brick-work. Ventilation and prevention of damp. Joints and fastenings for wood-work. Roofs. Floors. Partitions. Doors. Windows. Sections of rolled steel used in building construction. Foundations. Excavations. The properties of building materials, such as brick, stone, lime, mortar, cement, concrete, etc.

Text-book:

Mitchell, *Elementary Building Construction.*

221. Civil Engineering I.

Pre-requisite subject: Strength of Materials (274).

Railway Engineering.—Preliminary surveys and location of a line of railway. The setting out of circular and transition curves. Limiting grades and curvature. The design and methods of construction of cuttings and embankments. The setting out and measurement of earthworks. Drainage. Earthwork slips. Size of waterways. Design of

culverts and minor bridges. Design and construction of tunnels. The permanent way. Ballast. Sleepers. Rails and rail fastenings. Specifications. Switches and crossings. Signals. Types of locomotive and rolling stock. Train resistance. Railway economics.

ROADS.—Location of roads. Earth and gravelled roads. Construction of macadam roads. Bituminous road surfaces. Bituminous and cement-concrete roads. Paved roads. Footways. Provisions for drainage. Maintenance.

FOUNDATIONS.—Supporting-capacity of soils. Wall and column footings. Pile foundations. Foundations under water. Coffer-dams. Bridge piers and abutments. Methods employed for difficult foundations.

THEORIES OF EARTH PRESSURE.

One afternoon a week will be required for visits to engineering works of interest and for practical work in the laboratory.

During the course students will be expected to read various papers from the Transactions of Engineering Societies to which they will be referred, but they are advised to obtain the following text-books:—

G. R. Chatburn, *Highway Engineering.*
Jacoby and Davis, *Foundations of Bridges and Buildings.*
Webb, *Railway Construction.*

222. Railway Engineering.

The course of lectures on this subject forms a part of Civil Engineering I (Course 221), and may be taken separately.

223. Civil Engineering II.

HYDRAULIC ENGINEERING.—The laws governing the flow of water through orifices, over weirs, along pipes and open channels.

The principles governing the design of water-wheels, turbines, and centrifugal pumps.

Sources of water supply. Stream gauging. The collection and storage of water. The construction of reservoirs and dams. The design and construction of the various outlet and distribution works required for the water supply of towns. The purification of water.

SANITARY ENGINEERING.—Systems of sewerage and sewage disposal.

IRRIGATION WORKS.—The supply and distribution of water for irrigation

HARBOUR ENGINEERING.—The requirements for harbours. Effects of waves and tides. Construction of breakwaters, jetties, and wharves Lighthouses. Dredging.

One afternoon per week will be required for practical work in the laboratory and drawing-office.

Text-books:

Lea, *Elementary Hydraulics.*
Kershaw, *Sewage Purification and Disposal* (Cambridge University Press).
Cunningham, *Harbour Engineering.*

Books of reference:

Parker, *Control of Water.*
Kershaw, *Modern Methods of Sewage Purification.*
G. Higgins, *Centrifugal Pumps.*

224. Hydraulics.

The laws governing the flow of water through orifices over weirs, along pipes and open channels.

The principles governing the design of water-wheels, turbines and centrifugal pumps.

These subjects are covered by a set of about twenty lectures that form part of Civil Engineering II (Course 223), but these lectures may be taken separately. Mathematical Courses 86, 88, and 92 in the Syllabus must have been previously studied.

Text-book:

Lea, *Elementary Hydraulics.*

Books of reference:

Parker, *Control of Water.*

G. Higgins, *Centrifugal Pumps.*

226. Design of Structures I.

Pre-requisite subject: Strength of Materials (274).

In this course students will attend in the drawing office for three hours per week throughout the year and will be occupied in the detailed design of selected simple engineering structures. No written examination will be held, but students will be judged on the work of the year.

Text-book:

C. T. Bishop, *Structural Drafting and the Design of Details.*

227. Design of Structures II.

The design of typical framed structures in wood, mild steel, and reinforced concrete.

The determination of stresses in continuous beams and in rigidly jointed frames.

Girders and trusses of various forms for bridges and roofs. Plate web girders. Continuous girders and cantilever bridges. Stresses in braced piers. Strength and stability of hinged and fixed arches in masonry and concrete. Structures of reinforced concrete—beams, columns, footings, floor slabs, arches, and retaining walls. The design of reinforced concrete bridges. Dams of masonry and concrete. Elevated tanks. Suspension bridges and metal arches.

Students will undertake the complete design, with estimates and specifications, of selected engineering structures.

Text-books:

A. Morley, *The Theory of Structures.*

Sutherland and Clifford, *Introduction to Reinforced Concrete Design.*

Sutherland and Bowman, *Structural Theory and Design.*

In addition, students will be required to read various papers published in the Transactions of Engineering Societies to which reference will be made in lectures.

228. Design of Structures IIa.

The same as Design of Structures II, with the omission of portions involving the use of the more advanced mathematics.

230. Drawing I.

This subject consists of a course of Plane and Solid Geometry Perspective, and Dimensioned Sketching, which extends over one year for four hours per week. Students taking this course are expected to have previously completed Geometrical Drawing, Grade I.

PERSPECTIVE.—The elementary principles of perspective, definitions and terms used in perspective; the representation of surfaces lying horizontally with edge parallel to or at an angle with the P.P.; vertical surfaces parallel to or at an angle with the P.P.; the line of heights and its use; simple positions of the cubes, pyramids, prisms, cones, and cylinders; easy models composed of a combination of the above solids. The description of the solids will be either stated or shown by a dimensioned plan and elevation, and may be shown parallel to or at an angle with the P.P. as required.

Text-book:

J. Carroll, *Principles and Practice of Perspective*, Lessons I-XIII.

DIMENSIONED SKETCHING.—Freehand sketches are required to be made from models showing the plan, elevation, and sections necessary to fully explain the object. On completion of the drawing, the model must be carefully measured and the dimensions shown. The student must also study simple types of lettering, such as the plain block and roman types, and carefully print the titles and sub-titles of his drawings. The models used are simple parts of machinery, such as a shaft-collar, dead-eye bearing, connecting-rod end, stuffing box, and gland, etc.

Reference-book:

Francis W. Tough, *Engineering Drawing*.

PLANE GEOMETRY.—The division of lines, circles, and angles; scales plain and diagonal; bisecting and describing angles; tangents to equal and unequal circles; drawing parallel and perpendicular lines; construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors or circles; geometrical problems applied to mechanical drawing; enlarging, reducing, and copying plane figures; third, fourth, and mean proportionals, scale of chords; circles of a given radius to touch lines, one, or two circles; regular polygons within and without circles; simple problems on the areas of squares, rectangles, parallelograms, polygons, and circles; reducing complex figures to simple figures of equal areas; the construction of the ellipse, parabola, hyperbola; Ionic volute and involute of a circle; spirals, cycloids, and trochoids.

SOLID GEOMETRY.—The projection of points, lines, surfaces, and simple solids at an angle to either plane of projection; envelopes of simple solids; sections of solids made by horizontal and vertical planes parallel to the H.P. and V.P.; oblique sections and their true shapes; conic sections and their true shapes; solids at angles with both planes of delineation; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersecting solids, and their envelopes; spheres tangentially in contact; the construction of the helix; points and lines in any of the four dihedral angles; traces, true lengths and angles of inclination of lines; the traces of simple planes; the projection of solids by isometric and oblique projections.

Text-book for Plane and Solid Geometry:

The Adelaide Geometrical Drawing, Part II.

231. Drawing II.

A practical course in Mechanical Draughtsmanship, and in the preparation of working drawings of separate parts of machinery. Sketching and measuring machine details and making working drawings therefrom

Students are required to complete at least four sheets of drawings (27 in. x 20 in.) inked in and fully dimensioned, a tracing, and a blue print.

Sketch books are to be handed in at the end of the year with the above drawings for examination.

At the annual examination candidates will be given a working drawing of some machine or detail from which other views than those actually given must be drawn.

Half the total number of marks will be given for the year's work; the other half for the annual examination work.

Students are required to procure a copy of *Mechanical Drawing Standards*, published by the Institute of Engineers, Australia.

232. Antique Drawing I.

Students are required to make carefully-shaded drawings from models of selected ornament. Lead-pencil, charcoal, wash, or any other medium may be used. The drawings should be broadly treated; highly-finished drawings are not required.

233. Antique Drawing II.

Students are required to make carefully-shaded drawings from the casts of the antiques. The features, extremities, head, and complete figure are to be studied. The work may be done in any medium. The subject corresponds with Grade II of this subject at the School of Arts and Crafts.

234. Modelling I.

A course of modelling in clay of conventional leaf forms and ornament, with special application for architectural details. Simple scroll. Combination of scroll and the anthemion.

235. Modelling II.

The student requires a preliminary knowledge of elementary modelling in clay. This course will consist in modelling in clay architectural details and ornament, and the reproduction of such works in plaster by one of the following methods:—The waste plaster, the gelatine, and the wax process of reproduction.

236. Descriptive Geometry I.

This course includes problems in envelopes, traces, inclinations, and intersections of given planes, interpenetration of solids and oblique projection, also Geometrical Projection of Shadows up to Grade I standard. It is taken at the S.A. School of Arts and Crafts.

237. Descriptive Geometry II.

More advanced work in the syllabus of No. 236.

This subject corresponds with Geometrical Drawing, Grade III, and Geometrical Projection of Shadows, Grade II, at the S.A. School of Arts and Crafts.

238. Building Drawing.

Students study and draw to scale details of importance in buildings, commencing with simple examples, and progressing to more difficult ones, requiring knowledge of building construction.

Students comply with the R.A.I.A. testimonies of study requirements and prepare constructional working drawings of a domestic building.

239. Measured Drawing and Sketching.

Students make measured sketches of examples of local architecture working in their own time and reporting regularly to the Instructor. Drawings are then made from the sketches, finished in pencil and inked-in in part to develop facility in method. A course of instruction in rendering in wash is given and some part of the drawings is finished in that medium.

Students comply with the R.A.I.A. testimonies of study requirements in measured drawing.

241. Electrical Engineering I.

An introductory set of lectures to Electrical Engineering II, taken also by students in Mining, Metallurgical, Mechanical, and Civil Engineering Courses.

The lectures and demonstrations in this course are of a general and descriptive character, outlining the theory and practice of direct and alternating current work. They are of such a nature as to enable students who do not proceed to Course II to gain a general knowledge of the subject; while students who intend to take the advanced course are enabled to take proper advantage of what practical experience they may be able to gain in the intermediate vacation.

LECTURES.

Units. Potentiometer. Instrument calibration. Lamps. Accumulators. Distribution of electricity.

D.C. dynamos and motors. Theory. Description. Operation. General behaviour.

A.C. phenomena. Reactance. Impedance. Power factor. Polyphase systems.

Simple theory and behaviour of alternators, transformers, induction motors, synchronous motors, rotary converters.

PRACTICAL WORK.

Electrical measurements, including potentiometer methods. Calibration of instruments. Testing of lamps and photometry. Characteristic curves of dynamos and motors. Brake test of D.C. motor. Vector diagrams. Test of transformer, alternator, and rotary converter. Alternators in parallel. Brake test of induction motor.

Text-books:

C. F. Smith, *Practical Testing of Dynamos and Motors;* and
G. Kapp, *Principles of Electrical Engineering*, Vol. II, or
Rosenberg, *Electrical Engineering.*

Books of reference:

C. F. Smith, *Practical Alternating Currents and Alternating Current Testing.*
Parr, *Electrical Engineering in Theory and Practice.*

242. Electrical Engineering II.

In this course fuller consideration is given to the details of the more theoretical work, especially in its application to the design and use of electrical machinery and apparatus. The work covered in the previous year is revised in much greater detail, and at the same time extended.

LECTURES.

The lectures are devoted mainly to the following:—

The general principles of direct-current work and their embodiment in designs of D.C. electrical machinery.

A more detailed consideration of the characteristics and behaviour of dynamos and motors under different conditions of loading and coupling. The supply and distribution of power, dealing in detail with the two and three wire systems, station equipment, balancing devices, batteries, boosters, tramways, motor control, underground and overhead cables, etc.

A.C. work, fundamental laws and principles of single-phase currents, laws of combination of resistances, capacities and inductances treated algebraically and graphically, the theory and design of A.C. apparatus such as choking coils, transformers, and auto-transformers, polyphase currents, fundamental principles and application to generators, rotary converters, frequency converters, synchronous, induction, and commutator motors, power factor and its improvement, arrangements and grouping of transformers star and mesh, transmission and distribution of power, long-distance transmissions and line characteristics, special switchboard arrangements, etc., industrial applications, cost of electric power, tariffs

PRACTICAL WORK.

Characteristics of D.C. dynamos and motors, separately excited series, shunt, and compound.

Efficiency of motors, brake tests, etc.

Characteristics of alternators, single and polyphase, point to point determination of waves of E.M.F. and current, power factor, measurement of power, combinations of resistance, capacity, and inductance. Resonance. Choking coils, transformer characteristics and determination of losses and efficiency by different methods, testing of synchronous and induction motors and rotary converters, synchronizing, and the running of machines in parallel.

Text-books:

G. Kapp, *Principles of Electrical Engineering*, Vol. II.
C. F. Smith, *Practical Testing of Dynamos and Motors.*
P. Kemp, *Alternating Current Electrical Engineering.*
C. F. Smith, *Practical Alternating Currents, and Alternating Current Testing.*

Books of reference:

Lamb, *Alternating Currents.*
S. P. Thompson, *Dynamo Electric Machinery—I. Continuous Current. II. Alternating Current.*
Journals, such as, *Proceedings of Institute of Electrical Engineers; Electrician; General Electric Review*, etc.

245. Engineering Finance.

A course of twenty lectures dealing with business principles and their application to engineering.

Text-book:

Gartrell, *An Introduction to Mining Finance.*

246. First Aid.

Candidates for the degree of B.E. are required to produce evidence that they have attended a course of instruction and passed an examination in First Aid approved by the Council. At present no course of instruction is provided or examination held at the University; but the certificate of the St. John's Ambulance Society is accepted by the Council.

248. Fitting and Turning I.

Description of various hand tools, with practical work on the filing of flat surfaces to straight-edge and calipers.

Description of various chisels used, with practice on the chipping of surfaces, cutting key-ways, fitting keys, etc.

Centreing work for the lathe, grinding lathe tools, turning with hand tools, turning with slide rest.

Various chucks and devices for chucking.

Boring in the lathe, other means of boring drills and drilling machines.

Machining surfaces in the shaping, planing, and milling machines, etc.

Each student should provide himself with the following tools:—One steel rule, 1 x 6; one steel square; one pair calipers, outside; one pair calipers, inside; one centre punch.

The above set may be obtained at the School of Mines on order.

249. Fitting and Turning II.

Description and use of the compound slide-rest lathe, for surfacing and screw-cutting.

Methods of calculating change-wheels for screw-cutting, etc., with practice on the cutting of various forms of screw-thread.

Turning and fitting to exact gauge, scraping surfaces.

The principles of gearing and the cutting of simple gears in the milling machine.

250. Fitting and Turning III.

More advanced lathe work.

The cutting of metric-pitch screws, multiple-pitch screws, diametral-pitch worms, etc.

Milling machine practice, cutting worm-wheels, bevel-wheels, spiral gearing, etc.

Detailed construction of some machine parts, with a consideration of the methods used in machine-shop practice, and the erection of machinery generally.

251. Fitting and Turning IV.

More advanced work for the Diploma in Mechanical Engineering.

253. Machine Design I.

The design of machine parts.

Shafting, cranks, couplings, clutches, keys. Riveted joints, boiler details. Bolts, nuts, studs, screws. Efficiency of screws.

Pipes, flanges, expansion joints. Cotters. Pitch chains. Bearings, thrust blocks. Roller and ball bearings. Wheel teeth.

Helical, screw, worm, and friction gearing. Belts and ropes. Pulleys, rope wheels. Wire ropes, chains, crane hooks. Post and band brakes. Tanks. Engine details, pistons, piston-rods, crossheads, guides, connecting rods, eccentrics, stuffing boxes, crank shafts. Springs. Combined stresses bending and twisting. Thick cylinders. Principle of similarity.

Text-book:

Spooner, *Machine Design.*

254. Machine Design II.

The design of an engine, of which complete working drawings are to be made

256. Mechanical Engineering I.

The transformations of energy in furnace, boiler, and steam engine Properties of steam.

The Production of Steam.—The plain cylindrical, multitubular, Cornish and Lancashire boilers. Boiler settings. Boiler fittings. Priming. Heating surface and grate area. Combustion. Smoke, and its prevention. Anthracite and bituminous coals. Oil and gaseous fuels. Pulverized fuel. Evaporative capacity. Efficiency of furnace and boiler. The formation of boiler scale, its prevention and removal. Corrosion. Water-tube boilers. Babcock & Willcox, Stirling, Thornycroft, and Yarrow boilers. Fire-tube boilers. Vertical, locomotive, and marine type boilers. Comparison of water-tube and fire-tube boilers.

The Steam Engine.—Indicated and brake horse-power. Mechanical efficiency. Description of parts of a reciprocating engine. Clearance. Functions of fly-wheel and governor. The slide valve. Valve setting. The Meyer valve gear. Relief frames. Double-ported valve. Piston valve. The Corliss engine. High-speed engines. Reversing gears. Centrifugal governors.

Jet, surface, and ejector condensers. Cooling towers. Feed water heaters. Feed pumps and injectors. Steam separators and superheaters. Oil filters. Reducing valves. The Crosby, Simplex, optical, and continuous indicators. Comparison of ideal and actual indicator diagrams. Interpretation of indicator diagrams.

The Steam Turbine.—Classification, impulse, reaction and combination. De Laval, B.T.H., Metropolitan-Vickers, Parsons and Ljungstrom types turbines. Comparison of the steam turbine and reciprocating engine.

GAS AND OIL ENGINES.—Two and four stroke cycle. Suction gas producers. Description of some modern engines. Diesel and Semi-Diesel oil engines. Land and marine. Petrol engines. Carburettors. Motor-car engines. Aeroplane engines.

NOTE.—The above course is essentially descriptive and explanatory, and is fully illustrated by lantern slides.

Text-book:

Duncan, *Steam and Other Engines.*

257. Mechanical Engineering II.

THEORETICAL.

Elementary thermo-dynamics. Isothermal and adiabatic expansion of gases. Carnot cycle. Reversibility. The Regenerator. Properties of steam. Theory of the steam engine. Carnot and Rankine cycle. The entropy temperature diagram. Refrigerating machines. Gas engines.

The testing of engines, measurement of power, indicator diagrams Dynamometers and Torsion Meters.

Transmission of power by compressed air.

Compound expansion. Valves and valve gears. Valve diagrams Governor. Fly-wheels. Crank effort diagrams. Balancing, primary and secondary.

Book of reference:

Ewing, *The Steam Engine.*

PRACTICAL.

An experimental course on the boiler, steam engine, De Laval steam turbine, suction gas engine, oil engine, petrol engine, air compressor, refrigerator, and high compression engine.

Boiler, steam engine, and steam turbine—Measurement of coal, feed water, indicated horse-power, brake horse-power, condensed water, condensing water. Calibration of instruments. Analysis of flue gases.

Air compressor—Measurement of power, analysis of diagrams, driving steam engine by compressed air. Measurement of refrigerating effect.

High compression engine.—Measurement of indicated and brake power. Oil consumption.

Refrigerator.—Determination of refrigerating effect.

258. Mechanical Engineering III.

Flow through orifices and over weirs. Friction in pipes. Loss due to bends, sudden enlargement, and contraction.

Hydraulic machines. Jet pump. Hydraulic pressure engine, separation of water, effective head.

Reciprocating pumps. Separation. Air vessels. Worthington pump Air lift pump.

Pelton wheel. Turbines (impulse and reaction). Geometrical and analytical relations. Regulators.

Centrifugal pumps. Concentric, volute, and whirlpool chambers. Turbine pumps.

Flow of steam through orifices. Impulse turbines, single and many stage. Critical speed, form of disc for uniform stress. Reaction turbines. Practical details of modern steam turbines.

Gas engines. Theory. Four-stroke and two-stroke cycle. Modern large gas (and oil) engines.

Humphrey internal combustion pump.

Refrigerating machinery. Cold air machine. Vapour impression machines.

259. Mechanical Engineering IV.

A combined experimental and lecture course on some branch of mechanical engineering.

261. Metallurgy I.

SLAGS AND FLUXES—REFRACTORY MATERIALS—FURNACES.

FUEL.—Compressed and dried fuels. Charcoal-burning. Preparation of coke. Coke ovens.

IRON AND STEEL.—Chemical reactions of reduction of iron from its ores. Construction of modern blast furnaces. Hot blast stoves. Working of a blast furnace. Classification of pig iron. The modern "pig-boiling" process for production of wrought iron. Production of "puddled bar." Merchant iron, rolls used. Reheating furnace. Hardening, tempering, and annealing. Cementation process. Blister steel and shear steel. Crucible cast steel. The Bessemer Process.—Acid and basic process. The Open-hearth Process.—Furnaces, acid and basic linings. Special steels. Introduction to the constitution of iron and steel.

GOLD.—Stamp milling. Amalgamation. The chlorination process The cyanide process. Treatment of sands and slimes. Filter-pressing Precipitation. Refining and parting gold bullion.

SILVER.—Principles and chief reactions on which the processes for the extraction of silver from its ores are based. Pan amalgamation. Outlines of the Ziervogel and Augustin processes.

LEAD.—Reactions of lead smelting. Flintshire process. Smelting in blast furnaces. Roasting lead ores. Extraction of silver from lead. Pattinson's process. Parke's process. Cupellation. Alloys of lead.

COPPER.—"Dry," "tough," and "overpoled" copper. The chemistry of copper smelting and refining. Calcination in heaps, stalls, and simple furnaces. Smelting in reverberatory furnaces. The Welsh process. Slags and their treatment. Smelting in blast furnaces. Copper refining. Copper alloys. Ammonia leaching of copper ores.

ZINC.—Methods of extracting zinc. Furnaces, retorts, and condensers used. Preparation of ores. Belgian process. Silesian process. Brief outline of the electrolytic process. Zinc alloys.

TIN.—Principles of tin smelting. Cornish method of smelting. Products. Refining tin. Liquation. Boiling. "Tossing." Alloys of tin

MERCURY.—Old Almaden Aludel furnace. Amalgams.

262. Metallurgy II.

INTRODUCTORY.—Thermo-chemistry as applied to metallurgy. Calorimetry. Preparation of coke and recovery of by-products. Gaseous fuels. Gas producers. Pyrometry.

COPPER.—Impurities in copper and their effects on its physical properties. Roasting copper ores. Modern reverberatory practice. Blast furnace smelting. Modern water-jacketed furnaces—working and products. Pyritic smelting. Bessemerising copper mattes. Copper refining. Electrolytic refining and the recovery of the precious metals. Alloys of copper.

LEAD.—Comparison of the chief methods of smelting. Blast furnace smelting. Calculation of charges. Typical slags. Collection and treatment of flue-dust. Desilverization of base bullion. Cupellation. Treatment of Doré bullion. Purchasing ores.

GOLD.—The cyanide process. Chemistry of the process. Cyaniding practice. Vacuum filtration. Continuous counter-current decantation. Precipitation. Treatment of the precipitate. The Merrill process. Treatment of tellurides. The Diehl process. Refining and parting of gold bullion.

SILVER.—Roasting silver ores. Lixiviation processes. Smelting processes. Treatment of argentiferous mattes.

IRON AND STEEL.—Constitution of steels. Ferro-alloys and alloy-steels. High-speed steels. Harvey and Krupp processes. Malleable cast iron.

OTHER METALS.—Outlines of the metallurgy of the following metals:—Zinc, Mercury, Aluminium, Nickel, Cobalt, Platinum, Antimony, Arsenic, Bismuth, Tin.

263. Metallurgy III.

The subjects of Metallurgy II treated in greater detail. Metallography. Design of plant.

The present state of metallurgical practice.

Recent metallurgical researches.

Practical work in metallography, embracing physical properties, heat treatment, and microscopic examination of metals and alloys.

265. Metallography.

A laboratory course of experimental work for one afternoon a week for two terms. Students will undertake the polishing and preparation of samples of different metals, particularly steel, for examination by the metallurgical microscope. The heat treatment of different steels will form part of the course.

Text-book:

A. Sauveur, *The Metallography and Heat Treatment of Iron and Steel.*

267. Mining I.

Crushing, screening, bins, elevators, and lay-out of plant. Boring, drilling, blasting, compressed-air, and compressors. Stripping, excavating, and quarrying. Trucking, mechanical haulage, and aerial ropeways. Tunnelling, trenching, and sinking.

Text-book:

Young, *Elements of Mining.*

268. Mining II.

Prospecting, exploitation, and mining methods Hoisting, drainage, lighting, and ventilation. Headframes and sinking. Mine surveying and mine finance.

Text-books:

Young, *Elements of Mining.*

Gartrell, *Introduction to Mining Finance.*

Reference-book:

Hanton, *Mine Surveying.*

269. Mining III.

Coalmining and the theory and practice of ventilation. Mining methods, sampling and valuing, mining law.

Thesis:

Questions may be set requiring a broader knowledge of the subjects treated in Mining I and Mining II.

Text-book:

Peele, *Mining Engineer's Handbook.*

270. Oredressing.

The principles and practice of Oredressing, including stamp-milling and amalgamation. Crushing, sorting, sizing, classifying, and concentrating. Flotation. Mill design.

Text-book:

Truscott, *A Text-book of Oredressing.*

272. Mining Trip.

During the August vacation students are taken to visit mines and treatment plants in South Australia, or in other States. The trip lasts about a week, and students pay their own costs.

274. Strength of Materials.

Before taking this subject, students must have passed in Mathematics I (86), and Applied Mathematics I (92) must be taken concurrently, if it has not been already passed.

The lectures will deal with the following subjects. In addition, students will be required to do a course of experimental work on the testing of materials in the Engineering Laboratory. At the end of the year they must submit for examination an original design, together with all necessary computations, of some approved structure of simple type.

The testing of materials used in engineering structures, and the study of their behaviour under stress. Iron, steel, and other metals. Australian timbers. Bricks and building stones. Cement and concrete. Reinforced concrete.

The strength and stiffness of beams. Bending moment and shearing force diagrams. Moments of resistance. Distribution of shearing stresses.

Deflection of beams Beams with fixed ends. Continuous beams. Beams of reinforced concrete. Strength of hooks. Combined bending and direct stress.

Riveted and welded joints.

The strength of struts and columns. Forms of built-up columns, with calculation and design. Eccentric loading.

The design of plate girders.

Calculations regarding the stresses on framed structures, as trusses for roofs and bridges. The application of graphic statics to such cases. Examples of design.

The strength of cylinders and pipes, both with thick and thin walls, against internal and external pressure. Reinforced-concrete tanks.

The torsion of shafts. Combined twisting and bending. Helical springs.

The stability of structures under the action of wind, earth, or water pressure. Dams and retaining walls.

Text-book:

E. S. Andrews, *The Strength of Materials.*

276. Surveying I.

Measurement of distance. Field notes. Compass surveying. The theodolite. Adjustments of instruments. Elimination of instrumental errors. Traversing. Setting out curves. Calculation of latitudes, departures, and areas. Closing and plotting the survey. Levelling and contouring. Calculation of earthworks. Stadia measurements. Astronomical observations. Calculations for latitude, meridian, longitude, and time.

277. Surveying Ia.

This course is the same as Course 276, with the exception of the Astronomy. In the Mechanical and Electrical courses the practical work is reduced to one term.

278. Surveying II.

Before entering upon this course students must have completed Courses 86, 276, 280, and 281.

The course consists of about 40 lectures, 30 on Astronomy and 10 on Mine Surveying. Students will be required to undertake a course of practical surveying throughout the first term, and of practical surveying astronomy throughout the year. The final examination will include a practical test.

Text-books:

Chapman, *Astronomy for Surveyors.*
Vega, *Logarithms.*

Reference-book:

Hanton, *Mine Surveying.*

279. Surveying III.

A course of about 30 lectures on Geodetic Surveying. Before entering upon this course students must have completed Courses 88, 276, 280, and 281.

Text-book:

Hosmer, *Geodesy*.

280. Surveying Computations.

A course in computing and plotting three hours a week throughout the year.

281. Survey Camp.

A field camp extending over three weeks will be held during the summer. A camp fee of £3 3s. will be charged. Students who have attended a previous camp shall, however, be charged only £2 2s. Quarters and stretchers will be provided, but students must provide their own transportation, food, and bedding. Students must comply with the Forest Regulations regarding prevention of fire.

282. Surveying for the Degree of B.Sc.

This course extends over two years, and includes Courses 224, 276, 278, 279, 280, 281, and that part of Course 268 which deals with mine surveying.

Students must also attend the first term's lectures on Railway Engineering (Course 222), and pass an examination on the work of railway surveying and the computation of earthworks.

284. Woodworking.

A course in practical Woodworking intended to make the student familiar with the use of woodworking tools and to give him a knowledge of the principles of carpentry and joinery.

FACULTY OF LAW.

ORDINARY SUBJECTS

1. Elements of Law and Legal and Constitutional History—(301).

(*a*) The sources of law, written and unwritten (Common Law, equity, statutes, custom, judicial precedents, etc.).

(*b*) Outline of the growth of English Courts and of fundamental legal principles.

(*c*) General principles of legal interpretation.

(*d*) Outline of constitution of Courts of South Australia.

Text-books:

Geldart, *Elements of English Law.*

Pollock, *First Book of Jurisprudence* (Part II).

Carter, *History of the English Courts.*

Books of reference (available in Library) :

Allen, *Law in the Making.*
Jenks, *Book of English Law.*
Holdsworth, *History of English Law.*
Pollock and Maitland, *History of English Law.*
Beal, *Cardinal Rules of Legal Interpretation.*

Note.—Students will be expected to have read Geldart, *Elements of English Law,* before the beginning of lectures.

2. Law of Contracts—(302).

(*a*) General Principles.

(*b*) Three of the following special subjects to be chosen by the professor:—(1) Agency; (2) Sale of Goods; (3) Negotiable Instruments; (4) Bills of Lading; (5) Insurance.

(*c*) The following Statutes so far as they relate to the subjects taken:—

Married Women's Property Acts, 1883-4, 1898, 1902, and 1912.
Limitation of Suits and Actions Act, 1866-7.
Mercantile Law Amendment Act, 1861.
Bills of Exchange Acts, 1909 and 1912 (Fed.)
Sea Carriage of Goods Act, 1924 (Fed.).
Sale of Goods Act, 1895.
Marine Insurance Act, 1909 (Fed.)

(*d*) Reports of cases specially prescribed in lectures.

Text-books:

Anson, *Law of Contract.*
Caporn or Miles and Brierly, *Cases on the Law of Contract.*
Willis, *Law of Negotiable Instruments.*
Books on special subjects to be suggested in class.

3. Law of Property, Part I—(303).

(*a*) Principles of the Law of Real and Personal Property (excluding the subjects specified in No. 112a below).

(*b*) Statutes: Nos. 8 of 1841 (Registration of Deeds); 15 of 1843; 25 of 1852; 5 of 1853, sections 163-165, 184-185; 6 of 1860; Limitation of Suits and Actions Act, 1866-7 (the sections relating to property); Settled Estates Acts, 1880 and 1889; Partition Act, 1881; Estates Tail Act, 1881; Real Property Acts, 1886, 1919, and 1927.

(*c*) Reports of cases specially prescribed in lectures.

Text-books:

Edwards, *Law of Property in Land and Conveyancing* (omitting Part II, Chaps 2 and 4; Part III, Chaps. 5, 6, 7, and 9; Part IV, Chaps. 2, 3, 4 and 5; and Part V).

Williams, *Personal Property* (omitting Part I, Chap. 4; Part II, with the exception of Chap. 7; Part III, Chap. 5; and Part IV).

Book of reference:

Goodeve, *Law of Real Property.*

4. Law of Property, Part II—(304).

(*a*) Five of the following special subjects to be chosen by the professor:—(1) Terms of Years; (2) The Modern Conveyance; (3) The Fundamental Principles of Equity and Equitable Estates and Interests; (4) Trusts; (5) Mortgage; (6) Bills of Sale; (7) Administration of Deceased Persons' Estates; (8) Married Women's Property; (9) Bankruptcy; (10) Companies.

(*b*) The following Statutes, so far as they relate to the special subjects taken:—

Distress for Rent Act, 1888.
Landlord and Tenant Act, 1893 (No. 580).
Trustee Acts, 1893, 1907, and 1915.
Administration and Probate Act, 1919.
Real Property Acts, 1886, 1919, and 1927.
Bills of Sale Act, 1886, and Stock Mortgages Act (No. 1649 of 1924).
Married Women's Property Acts, 1883-4, 1898, and 1902, so far as they relate to property.
The Bankruptcy Act, 1924-8 (Federal).
Act No. 7 of 1862, Part II.
Act No. 8 of 1841 (Registration of Deeds).
Companies Acts, 1892, 1893.
Companies (Mortgages, Charges, and Debentures) Act, 1924.
Policies Protection Act, 1887.

(*c*) Reports of cases specially prescribed in lectures.

Text-books:

Williams, *Real Property*
Goodeve, *Personal Property*
Strahan and Kenrick, *Digest of Equity*
} The parts relating to the special subjects.

Other books on particular subjects suggested in class

Books of reference:

As suggested in class.

5 Law of Wrongs—(305).

(*a*) Law of Torts.

(*b*) The following Statutes:—

Employers' Liability Acts, 1884 and 1889
Lord Campbell's Act, 1865, and No. 17 of 1871.
Companies Act, 1892, Section 221
Law of Libel Amendment Act, 1895.
Act to Amend the Law of Slander, 1865.
Limitation of Suits and Actions Act, 1866-7, Sections 36, 37, 38, 47.
Dog Act, 1924.
Noisy Trades Act, 1898.
Impounding Act, 1920.

(*c*) Criminal Law, so far as it relates to the following offences:—Treason, Treason-felony, Rioting, Forcible entry, Perjury, Nuisance, Homicide, Assault, Bigamy, Libel, Larceny, Embezzlement, False pretences, Burglary, Conspiracy, Misappropriation, Forgery.

(*d*) Outlines of Criminal Procedure.

(*e*) Reports of cases specially prescribed in lectures.

Text-books:

Salmond, *Law of Torts.*
Kenny, *Outlines of Criminal Law.*

Books of reference:

Pollock, *Law of Torts.*
Clerk & Lindsell, *Law of Torts.*
Russell, *Crimes.*

6. Law of Evidence and Procedure—(306).

(*a*) Principles of the Law of Evidence.

Statute: Evidence Act, 1929.

State and Territorial Laws and Records Recognition Acts (Fed.).

Evidence Act, 1905 (Fed.).

(*b*) Procedure of the Supreme Court.

Supreme Court Act, 1878, No. 116; Fourth Judge Act, 1919, No. 1358, sec. 7; Supreme Court Amendment Act, 1926, No. 1739; Juries Act, 1927, No. 1805, secs. 5, 6, 56, and 58; Supreme Court Act, 1928, No. 1864; Rules of Court, 1913 and 1924.

Administration of Justice Act, 1921-1926.

Service and Execution of Process Acts (Fed.).

For reference—Supreme Court Acts, No. 5 of 1853; No. 24 of 1855-6; No. 3 of 1862; No. 8 of 1867.

(*c*) Procedure of the Local Court

Local Courts Act, 1926, and Rules

Text-books:

Powell, *Evidence* (10th ed.).
Cockle, *Cases and Statutes on Evidence* (4th ed.).
Odgers, *Principles of Pleading* (9th ed.).

For reference:

Phipson, *Evidence* (6th ed.).

NOTE.—Students will be expected to have read Odgers, *Principles of Pleading*, before the beginning of lectures.

7. Constitutional Law—(307).

(*a*) Elements of English Constitutional Law.
(*b*) The Constitution of South Australia.
(*c*) The Constitution of the Australian Commonwealth.
(*d*) The Statutes and Cases specially prescribed in the course of lectures.

Text-books:

Dicey, *Constitutional Law.*
Kerr, *The Law of the Australian Constitution* (The Law Book Co. of Aust., Ltd.).

For reference:

Anson, *Law and Custom of the Constitution.*
Baker, *The Present Juridical Status of the British Dominions in International Law.*
Keith, *Sovereignty of the British Dominions.*
Wade & Phillips, *Constitutional Law.*
Other books to be mentioned in lectures.

Note.—Students will be expected to have read Dicey, *Constitutional Law* before the beginning of lectures.

SPECIAL SUBJECTS.

1. Latin—(5).

The same course as prescribed for Latin I for the Ordinary degree of Bachelor of Arts.

2 and 3. Two courses in one of the subjects in the course for the Ordinary Degree of Bachelor of Arts, exclusive of Latin and Jurisprudence.

4. Roman Law—(311).

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1933.

The course of lectures will trace the historical development of Roman Law, and will deal with the Roman Law under Justinian. It will develop comparisons between the various legal conceptions in Roman and English law.

Text-books:

Hunter, *Introduction to Roman Law.*
Moyle, *Imperatoris Justiniani Institutiones, Liber III,* 13-29; *Liber IV,* 1-5.

Sohm, *Institutes of Roman Law,* omitting Book II, Chap. 1, Part II (Law of Procedure), and Book III (Family Law and Law of Inheritance).

Book of reference:

Hunter, *Roman Law.*

5. Jurisprudence—(312).

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1933, and will comprise the principles of Jurisprudence and the early history of legal institutions.

Text-books:

Holland, *Jurisprudence.*
Salmond, *Jurisprudence.*

Books of reference:

Austin, *Jurisprudence.*
Brown, *Austinian Theory of Law.*
Bryce, *Studies in History and Jurisprudence.*
Gray, *Nature and Sources of the Law.*

6. Private International Law—(313).

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1934.

Text-book:

Dicey, *Conflict of Laws* (5th ed.).

Book of reference:

Westlake, *Private International Law* (7th ed.).

NOTE.—It is recommended that in order to keep as much continuity of study as possible, candidates for the Degree of Bachelor of Laws should take during the first two years, in addition to the subjects for the Intermediate Certificate in Law, Latin and the subject chosen from the Arts course. Elements of Law and Legal and Constitutional History should in all cases be taken during the first year.

FACULTY OF MEDICINE.

Students are expected to procure the latest editions of all text-books recommended.

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

FIRST EXAMINATION.

321. Physics.

Same course as Physics I for the degree of B.Sc. *Vide* Syllabus No. 101.

322. Chemistry.

(*a*) INORGANIC AND ORGANIC: Same course as Chemistry I for the degree of B.Sc. *Vide* Syllabus No. 111.

(*b*) PHYSICAL: Same course as Elementary Physical Chemistry in the Faculty of Science. *Vide* Syllabus No. 121.

323. Botany.

The course of lectures and practical work deals with the following:—

(*a*) Biology and physiology of the living cell.

(*b*) The general structure, physiology, and life story of—

Haematococcus, Sprogyra, Saccharomyces, and bacteria.

The outlines of the reproduction and life cycle of the fern and the pine.

(*c*) The structural botany of the dicotyledonous plant, as illustrated by a herbaceous and a woody type.

The flower of *Ranunculus, Lathyrus,* and *Lilium*. Vegetative and sexual reproduction of flowering plants. Pollination, fertilization, and development of the seed and fruit. Germination of the wheat and bean.

(*d*) General outlines of the physiology of nutrition, respiration, secretion, growth, and irritability. Reproduction, heredity, variation, and evolution.

(*e*) The phenomena of saprophytism, as illustrated by *Saccharomyces, Mucor,* and bacteria; parasitism, illustrated by *Puccina*. Pathology of the organism.

Students taking this course attend lectures and practical work during one term only.

Text-book:

A. G. Tansley, *Elements of Plant Biology* (George Allen & Unwin, 10s. 6d. net).

324. Zoology.

Same course as Zoology I for the degree of B.Sc. during the first and second terms only. *Vide* Syllabus No. 161.

SECOND EXAMINATION.

331. Anatomy, Part I, including Histology and Embryology.

The course in Anatomy is divided into two parts, and extends over two years, and is so arranged that, as far as possible, the lectures and demonstrations in the various branches of general, macroscopic, microscopic, and developmental anatomy are correlated with the practical work going on in the dissecting-room. Every opportunity is taken, also, to emphasize both the relation of structure and function, and also the facts of anatomy which are of special significance in pathology, medicine, and surgery.

All lectures and demonstrations are illustrated by specimens, models, dissections, lantern slides, pictures, etc., and for histology and neurology each student is provided with loan sets of slides.

The course for the first year is arranged as follows:—

First Term.

ANATOMY: Introductory Anatomy, including nomenclature, terminology, and a short history of anatomy. The general principles underlying bodily structure. Introductory Embryology, and the general development of the human body. Regional anatomy of the Upper Extremity, including the related osteology, syndesmology, myology, etc.

PRACTICAL ANATOMY: Dissection of the Upper Extremity.

HISTOLOGY: General Cytology and the microscopic character of the various tissues of the body. Elementary critical microscopy, including the history of the microscope.

Second Term.

ANATOMY: Splanchnology, including elementary comparative anatomy of the various systems and organs. Organogenesis. Regional anatomy of the Trunk, including the related osteology, syndesmology, myology, etc.

PRACTICAL ANATOMY: Dissection of the Trunk.

HISTOLOGY: The Organs.

Third Term.

ANATOMY: Regional anatomy of the Lower Extremity, including the related osteology, syndesmology, myology, etc. The Brain and Spinal Cord and the special sense organs, including the elementary comparative anatomy and development of these organs.

PRACTICAL ANATOMY: Dissection of the Lower Extremity and of the Brain.

HISTOLOGY: The central and peripheral nervous systems, including the histology of the special sense organs.

THE DISSECTNG-ROOM.

The dissecting-room is open from Monday to Friday (9 a.m. to 5 p.m.) and on Saturday (9 a.m. to noon) during each week of term, under the supervision of the professor, the lecturer, and the honorary demonstrators. Not less than fifteen hours must be devoted weekly to the actual work in the dissecting-room, where alone a practical familiarity with the macroscopic details of human anatomy can be acquired. Credit for having dissected a part will be given only where diligence and attention to work and a fair degree of proficiency in actual dissection have been exhibited.

RECORD OF PRACTICAL WORK.

At the time of examination, each student must submit a notebook containing such sketches of preparations as shall from time to time be directed by the professor, lecturer, etc. The preparations mentioned include dissections and cross-sections of embryos and of parts of the human body, and histological preparations.

Text-books:

Cunningham, *Text-book of Anatomy.*
Cunningham, *Manuals of Practical Anatomy.*
Arey, *Developmental Anatomy.*
Schafer, *The Essentials of Histology.*

The following books may be obtained in the Medical Library, and are suitable for further reading and reference:

Frazer, *The Anatomy of the Human Skeleton.*
Woollard, *Recent Advances in Anatomy.*
Wood Jones, *The Principles of Anatomy as Seen in the Hand.*
Spalteholz, *Hand Atlas of Human Anatomy.*
Singer, *History of Anatomy.*
The three volumes on *General and Special Cytology,* edited by E. V. Cowdry.
Text-books, such as Gray's *Anatomy* and Quain's *Anatomy.*

332. Biochemistry.

This course consists of three lectures and two periods of laboratory work per week during the first and second terms of the second year.

Subject-matter of the course:

First Term.—The chemistry of foodstuffs, including carbohydrates, fats, proteins, inorganic salts, and water. Enzyme action, and the digestion and absorption of foodstuffs. The composition of blood and lymph, and the maintenance of neutrality in the body.

Second Term.—The transportation of oxygen and carbon dioxide in the blood. Oxidation and reduction systems. The intermediate metabolism of foodstuffs. The chemistry of muscular contraction. The internal secretions of the ductless glands and their relation to general metabolism. Animal calorimetry. The nutrition requirements of the body. Growth. Abnormalities of metabolism Excretory products.

Practical Work:

Each candidate must be prepared (1) to prove a practical acquaintance with essential experimental methods employed in studying the physiology of muscular and nervous tissues, and the circulatory, respiratory and excretory systems; (2) to acquire a practical acquaintance with the pharmacological actions of various drugs commonly employed in medicine; (3) to acquire a practical acquaintance with the essential chemical properties of the carbohydrates, fats, and proteins; (4) to conduct a qualitative and quantitative analysis of blood, urine, and gastric contents, and to interpret the results which he obtains.

Text-books recommended:

Starling, *Principles of Human Physiology.*
Douglas and Priestley, *Practical Human Physiology.*
Bodansky, *Introduction to Physiological Chemistry.*
The Adelaide University Manual of Practical Biochemistry, The Harvey Book Company, Adelaide.

Book of reference:

Macleod, *Physiology and Biochemistry in Modern Medicine.*
Cole, *Practical Physiological Chemistry.*

Students who wish to become candidates for the combined degrees of M.B., B.S., and B.Sc. with honours in Biochemistry, must first complete the work in Human Physiology and Pharmacology required for the degrees of M.B. and B.S., and then devote the whole of their time for an additional three terms, with such exception as the professor may approve, to work in the Biochemical laboratory. They will be required to participate in experimental work of a research character under the direction and supervision of the professor.

THIRD EXAMINATION.

335. Anatomy, Part II.

NEUROLOGY.

Lectures, demonstrations, and practical work extend over the first two terms.

Subject-matter.—The development and structure of the central nervous system and special sense organs. The evolution of the nervous system. Elementary comparative neurology. Fundamentals of the cytoarchitectonics of the cerebral cortex.

The Practical Course.—This consists of the examination of microscopic sections and museum specimens, as well as dissections and experiments as follows:—

Sections.—Each student is provided with a loan set of slides, consisting of a series of sections of various parts of the cerebrum, cerebellum, brain stem, and spinal cord, prepared according to the Weigert-Pal and other neurological techniques. Besides these, demonstration slides of the nervous system and special sense organs at early stages of development, as well as other special slides showing neuroglia cells, nerve endings, etc., are put out for examination.

Museum Specimens.—These consist of a representative series of vertebrate brains, wax models and dissections of the brain in various stages of development, coronal, transverse, and sagittal sections of the adult human brain, brain dissections, and enlarged models of the eye and the ear.

Dissections.—Special dissections of the adult human brain. At least one dissection of an embryo showing the structure of the verebrate brain at an early stage of development. Dissection of the eye and the internal ear.

Experiments.—Demonstrations are given on a decapitated frog, a decerebrated cat, and a spinal cat, etc.

NOTE.—While this course is thus principally concerned with the structure of the nervous system, yet, at the same time, every opportunity is taken to stress the functional significance of the structures studied so as to facilitate the correlation of the subject with the physiological and clinical neurology courses.

REGIONAL ANATOMY.

First term: Head and Neck, including the related osteology, syndesmology, myology, etc.

Second and third terms: Special courses by honorary demonstrators in

(1) Surface Anatomy.
(2) The Anatomy of Growth and X-ray Anatomy.
(3) The Anatomy of the Fundus Oculi, and the Ear, Nose, and Throat Cavities.
(4) The Lymphatic System.
(5) The Female Pelvis.
(6) The Anatomy of the Full-time Foetus.
(7) Cross-section Anatomy.

PRACTICAL ANATOMY.

Dissection of the Head and Neck (first term only). The dissection of the human cadaver is thus completed for the first time by the end of the first term of the second year.

During the second and third terms parts are allotted for further dissection and revision.

Cross-section Anatomy.—Examination of the cross-sections of the human body which are mounted in the Museum.

RECORD OF PRACTICAL WORK.

At the time of examination each student must submit a notebook containing such sketches of preparations studied in Neurology, etc., as shall from time to time be directed by the professor, lecturer, etc.

Text-books:

As for Anatomy Part I, and in addition:

Ranson, *The Anatomy of the Nervous System.*
Rawling, *Landmarks and Surface Markings.*
Maguire, *Female Pelvis.*

The following books may be found in the Medical Library, and are suitable for further reading and reference:

As for Anatomy Part I, and in addition:

Herrick, *Introduction to Neurology.*
Herrick, *Neurological Foundations of Animal Behaviour.*
Papez, *Comparative Neurology.*
Economo, *The Cytoarchitectonics of the Human Cerebral Cortex.*
Wood Jones, *The Matrix of the Mind.*
Bailey, *Histology* (Section on Neurology).

336. Human Physiology and Pharmacology.

The course in Human Physiology and Pharmacology follows the course in Biochemistry, and extends over the third term of the second year and the three terms of the third year of the medical course. It will comprise the subject-matter of the most recent edition of McLeod, *Physiology and Biochemistry in Modern Medicine*, or Starling, *Principles of Human Physiology*, and the professor's lectures. Clinical illustration is used throughout, and references to disordered function are freely made.

1. Physiology of Nerve, Muscle, and Sensation.

This course consists of three lectures and two periods of laboratory work per week during the third term of the second year.

Subject-matter of the course:

The student, having completed the course in Biochemistry, is given a brief introduction to the energetic basis of the body before studying the mechanisms of movement and sensation. The mechanical, thermal, chemical, and electrical changes in muscular activity and nerve activity are considered. The physiology of sensation, with special reference to the clinical aspect, is surveyed, and the sense of vision is dealt with in detail.

The lecture headings for the course are as follows:—Voluntarily striated muscle. Plain muscle nerve fibres. General features of a central nervous system. Functions and connections of a nerve cell and characteristics of reflex actions. Effects of section of cord and roots. Spinal mechanism of co-ordinated movements. Trophic functions of cord. Brain stem. Functions of cerebrum and cerebellum. Physiology of sensations—auditory, visual, skin, and postural. Voluntary movement and group control. Conditioned reflexes. Sleep. Speech. Stato-kinetic reflexes.

2. Exchanges of Matter and Energy, and Physiology of Digestion, the Blood, Circulation, Respiration, and Immunity.

This course consists of three lectures and two periods of laboratory work per week in the first term of the third year.

Subject-matter of the course:

Exchanges of matter and energy within the body. Methods of studying the total exchanges. Factors influencing metabolism. The mechanics of digestion. Clinical examination of the digestive function.

The constitution of blood. The corpuscles and platelets, and coagulation treated with emphasis on their clinical significance. The physiology of the heart and especially the origin and propagation of the beat, and the control, mechanical and reflex, of the cardiac output. Blood-pressure and velocity of flow. The volume and pressure pulse, plethysmography, the vaso-motor mechanism, and capillary circulation, with especial reference to the phenomenon of shock. The effect of exercise upon the circulation, and its relation to cardiac efficiency. Cerebral, pulmonary, and visceral circulations compared and contrasted. Lymph formation, circulation and inflammation, and the mechanisms of defence. The mechanics and chemistry of respiration in the lungs and in the tissues. The regulation of respiration, and the effects of altitude and exercise, and the clinical significance of the same.

A course in practical mammalian physiology is an essential part of the tuition, and students are required to provide themselves with operating gown and surgical instruments as approved by the Department.

3. THE PHYSIOLOGY OF URINARY EXCRETION AND MICTURITION AND TEMPERATURE REGULATION AND THE PHARMACOLOGY OF THE SAME.

This course consists of three lectures and two periods of laboratory work per week during the second term of the third year.

Subject-matter of the course:

Renal excretion and the mechanism of micturition. The mechanism of heat regulation and fever. The pharmacology of these mechanisms is developed as an introduction to pharmacology generally, and the remainder of this term as well as the whole of the third term is devoted to the pharmacology of the central nervous system, the alimentary system, the heart and vascular system, and the hormones. The whole is treated as a revision and elaboration of the physiology previously dealt with, and aims at presenting physiology as a basis for pathology and medicine.

The practical work is adapted to emphasize the application of physiology to medical problems. Metabolism and energy exchanges, and work on blood, cardio-vascular and renal function in the human subject are especially studied.

The student writes critical reports on mammalian and human experimentation. These are handed in weekly, and, together with *viva voce* examinations of students throughout the practical course, form an important basis for assessing the student's progress.

Text-books:

McLeod, *Physiology and Biochemistry in Modern Medicine;* or
Starling, *Principles of Human Physiology;*
Douglas and Priestly, *Practical Human Physiology;*
Dixon, *Pharmacology.*

Reference-book:

Sampson-Wright, *Applied Physiology.*

Students who desire to become candidates for the combined degrees of M.B., B.S., and B.Sc. with honours in Physiology, will be required to devote the whole of their time for an additional three terms, with such exception as the professor may approve, to work in the physiological laboratory, and to participate in experimental work of a research character under the direction and supervision of the professor.

337. Practical Pharmacy.

The course extends over a minimum of twelve lecture-demonstrations, each of at least one hour's duration, and deals with the following:—

Weights and measures; relations between prescribers and dispensers; prescription writing; pills and tablets—manufacture by hand and in bulk by machinery, and the composition and application of various coatings; trituration, mixing and division of powders; ointments—manufacture by hand and in bulk; manufacture and dispensing of mixtures, lozenges, capsules, suppositories, plasters, pastes, emulsions, applications for eternal use, sprays, vapours, injections, ampoules and hypodermic preparations.

This subject is included in the third year's work, but not in the Third Examination.

FOURTH EXAMINATION.

341. Group I: Pathology, Bacteriology, and Medical Zoology.

A. PATHOLOGY AND BACTERIOLOGY: The courses extend over two years, and include instruction and practical work in

1. BACTERIOLOGY: General morphology and biology. Examination and cultivation of bacteria. Bacteria in relation to disease. General bacteriological diagnosis. Special methods of diagnosis. Bacteriology of suppuration and allied conditions, tuberculosis, diphtheria, typhoid fever, plague, anthrax, actinomycosis, etc. Immunology.

2. GENERAL PATHOLOGY: The general tissue reactions and retrograde tissue changes. Neoplasms. General circulatory changes, etc.

3. SPECIAL PATHOLOGY: The naked eye and histological features of pathological conditions considered as affecting particular organs and tissues.

POST-MORTEM EXAMINATIONS: These will be held at the Hospital Mortuary daily whenever material is available. All fourth and fifth year students are required to attend. A roll will be kept. The student, whose case the subject was, is expected to read the clinical notes and assist when possible at the autopsy. Each student must attend at least forty autopsies per annum during the fourth and fifth years.

Text-books:

Muir and Ritchie, *Manual of Bacteriology.*
Mackie and McCartney, *An Introduction to Practical Bacteriology*
Muir, *A Text-book of Pathology;* or
Delafield and Prudden, *A Text-book of Pathology.*
Donaldson, *Practical Morbid Histology.*
Hutchison and Rainy, *Clinical Methods;* or
Stitt, *Practical Bacteriology, Blood Work, and Animal Parasitology.*

Books of reference:

MacCallum, *A Text-book of Pathology.*
Ewing, *Neoplastic Diseases.*
Medical Research Council, *A System of Bacteriology.*
R. Muir, *Bacteriological Atlas.*

B. MEDICAL ZOOLOGY: The course is a special one for medical students, and includes parisitology. It is given during the third term of the fourth year.

Text-book:

Hegner, Cort, and Root, *Outlines of Medical Zoology.*

342. Group II: Therapeutics and Materia Medica and Posology.

A. THERAPEUTICS: General principles. Physiotherapy. Rest, massage, exercise. Hydrotherapy. Electricity: galvanic, faradic, sinusoidal, high frequency, diathermy. Light, X-rays, radium. Climatology. Psychotherapy. Organotherapy. Immunity: sera, vaccines, non-specific. Dietetics. Therapeutics of the materia medica.

Text-book:

Hale-White, *Materia Medica, Pharmacy, Pharmacology, and Therapeutics* (J. & A. Churchill, 20th ed., 1931).

Books of reference:

Sollmann, *A Manual of Pharmacology* (W. B. Saunders & Co., 3rd ed., 1928).

Cumberbach, *Diathermy* (Heinemann, 2nd ed., 1927).

Rollier, *Heliotherapy* (Oxford Med. Pub., 2nd ed., 1927).

Hutchison, *Food and the Principles of Dietetics* (Arnold, 6th ed.).

McCollum and Simmonds, *The Newer Knowledge of Nutrition* (The McMillan Company, 4th ed., 1929).

B. Materia Medica: General and Special.

Text-books:

Dixon, *Manual of Pharmacology* (7th ed., 1929, Arnold).

Hale-White, *Materia Medica, Pharmacy, Pharmacology, and Therapeutics* (20th ed., J. & A. Churchill, 1931).

Books of reference:

Sollmann, *A Manual of Pharmacology* (3rd ed., W. B. Saunders and Co., 1928).

A. R. Cushny, *A Text-book of Pharmacology and Therapeutics* (9th ed., J. & A. Churchill, 1928).

343. Group III: Public Health and Preventive Medicine and Forensic Medicine.

A. Public Health and Preventive Medicine: Definitions. General methods of study. The use of vital statistics. The problems of prevention. Exanthemata. Diphtheria group. Septic group. The meningitis group. Tuberculosis. Venereal diseases. Other diseases spread by personal contact and human carrier. The water-borne group—typhoid fever, etc. The insect-borne group—malaria, plague, etc. Maternal and infantile mortality. Blindness and mental diseases. School diseases. Occupational diseases. Institutional diseases. Nutritional diseases. Disinfectants. The disinfection of water, air, soil, etc. The disposal of sewage and garbage. Administration. Quarantine. Hospitals. The Public Health Act of S.A. and elements of Quarantine Act. Methods of Vaccination.

Text-book:

M. F. Boyd, *Practical Preventive Medicine* (W. B. Saunders & Co.).

Books of reference:

Rosenau, *Preventive Medicine and Hygiene* (Butterworth).

E. W. Hope, *Text-book of Public Health* (Livingstone).

B. Forensic Medicine: The Coroner's Court, Magistrate's Court, Local Court, and Supreme Court. Medical evidence in general, and as bearing upon cases that may form the subject of a coroner's inquest, civil action, or criminal trial. Dying declarations. Medico-legal inspections and post-mortem examinations. Age in its medico-legal aspects. The signs of death. Mummification and formation of adipocere. Identification of the living and of the dead subject and of human remains. Modes of dying and sudden death. Bloodstains, their examination and identification

The medico-legal aspects of sex and sexual relationship. Offences against females. Signs of pregnancy. Criminal abortion. Infanticide. Concealment of birth. Legitimacy. Asphyxia, including death from hanging, strangulation, suffocation, and drowning. Wounds and personal injuries. The law concerning wounds. Distinguishing features of wounds inflicted during life. Homicidal, suicidal, and accidental wounds. Burns and scalds. Injuries from lightning and electric currents. Starvation. Heat-stroke. Professional responsibilities and obligations.

TOXICOLOGY: The law with regard to poisons. Mode of action. Conditions modifying the action of poisons. General evidence of poisoning. General treatment.

Text-books:

Dixon Mann, *Forensic Medicine* (latest edition).

Glaister, *Medical Jurisprudence and Toxicology* (latest edition)

Books of reference:

Taylor, *Medical Jurisprudence* (latest edition).

Smith, W. R., *Manual for Coroners*

344. Group IV: Subjects not examined upon.

A. APPLIED PHYSIOLOGY: A course of lectures and clinical demonstrations given at times to be arranged.

B. DENTISTRY: Extraction of teeth under local anæsthetic on at least four patients, and under general anæsthesia on at least two patients; one or two lectures 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, pyorrhœa, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

C. PHYSICS OF X-RAYS: A course of two or three lecture-demonstrations, given at the beginning of the fourth year.

D. RADIOLOGY: A course of twelve lecture-demonstrations given at the end of the fourth year. The course deals with the production of radiograph and radiographic technique; the radiography of bones and joints, of the head, thorax, alimentary tract, liver and gall-bladder, spleen, urinary tract and female pelvic organs; soft tissue shadows; radio-therapy: treatment by X-rays and radium.

E. ANÆSTHETICS: (1) General Anaesthesia—The history of general anaesthesia; the physiological action of anaesthetics; the phenomena of anaesthesia by chloroform, ether, ethyl chloride, somnoform, nitrous oxide, nitrous oxide and oxygen, ethylene and oxygen, alone, in combination or in sequence; use of carbon di-oxide and oxygen alone and in combination; basal narcotics, e.g., avertin, paraldehyde, the barbiturates. Examination and preparation of the patient; premedication; care of the patient during anaesthesia; charting blood pressures; post-anaesthetic care and treatment; the dangers and difficulties of anaesthesia and remedial measures.

(2) Local Anaesthesia—The history of local anaesthesia; types, e.g., infiltration, conduction, regional, spinal, caudal, sacral; agents, e.g., cocaine, novocaine, stovaine, percaine, adrenalin, ephedrin; preparation of solutions, isotonia, sterility, temperature, stability and toxicity; instruments required; selection and preparation of the patient; disinfection of the field of operation; technique of injection; dangers, complications and treatment of emergencies; combination with general anaesthesia and with the basal narcotics.

FIFTH EXAMINATION.

351. Group I: The Principles and Practice of Medicine.

A. MEDICINE: A course of lectures, extending over two years, in the Principles and Practice of Medicine in general and special diseases.

Text-books: (In every instance the latest edition must be obtained).

W. Osler and J. McCrae, *Principles and Practice of Medicine* (Appleton); or,

Coneybeare, J. J., *A Text-book of Medicine* (E. & S. Livingstone); or,

Price, F. W., *A Text-book of the Practice of Medicine* (Oxford Medical Publications); or,

Poulton, E. P., *Taylor's Practice of Medicine* (J. & A. Churchill).

B. PSYCHOLOGICAL MEDICINE: The course includes:

1. LECTURES ON PSYCHOLOGICAL MEDICINE.
   1. The definition, causes, and general symptomatology of insanity and feeble-mindedness.
   2. Clinical insanity and the psychoneuroses: their etiology, pathology, diagnosis, prognosis, and treatment.
   3. Epilepsy; its etiology, manifestations, and treatment.
   4. The certification of mental defectives:
      (a) Provisions of The Mental Defectives Act 1913-1922.
      (b) Methods of certification.
2. CLINICAL DEMONSTRATIONS at a Mental Hospital.

Text-book recommended:

Stoddart, *Mind and its Disorders.*

C. MEDICAL DISEASES OF CHILDREN: A course of ten lectures on infant feeding and management, and diseases specially important in children; demonstrations at the Mothers' and Babies' Health Centre in Wright Street, and at the Mareeba Babies' Hospital, including the actual preparation of infant foods in common use; methods of caring for premature infants and the maintenance of breast feeding.

352. Group II: The Science and Art of Surgery.

A. SURGERY: A course of lectures, extending over two years, in the Science and Art of Surgery in general and special diseases and injuries.

Text-books:

Morison and Saint, *An Introduction to Surgery.*

Rose and Carless, *A Manual of Surgery* (latest edition).

Book of reference:
Romanis and Mitchiner, *The Science and Practice of Surgery.*
For revision only:
Groves, *Synopsis of Surgery.*

The instruction in practical surgery will include the application of splints, bandages, etc.

Text-books:
Cathcart, *Surgical Requisites.*
Hamilton Bailey, *Clinical Examination of Surgical Cases.*

B. Operative Surgery: A course of demonstrations on operations upon arteries. Ligation of arteries. General considerations. Surgical anatomy and ligation of arteries of head and neck; of upper extremity and thorax; of trunk; and of lower extremity. Temporary ligation—Arteriorrhaphy. Operations upon veins, lymphatic glands, nerves, bones, joints, and tendons; the head, neck, thorax, abdomino-pelvic region, male genital organs, female genital organs, and herniae. Amputations and disarticulations, excisions of joints.

Text-books:
Steward & Rowlands, *The Operations of Surgery.*
Broca, *Ligatures and Amputations.*
Beesley & Johnston, *Manual of Surgical Anatomy.*

C. Regional and Surgical Anatomy: The mechanics of the commoner fractures and dislocations of the upper limb. Peripheral nerve lesions. The hand and tendon sheaths. The abdominal wall. Surgical incisions. The inguinal canal and hernia. Topography of the viscera, and their individual anatomical features. The pleural sacs. Anatomy of operations on the breast. Fractures and dislocations of the lower limb and the principles of methods of correction. Structure of the knee-joint. The foot: its architecture; its deformities. Lymphatic glands of the neck. Tracheotomy. Thyroidectomy. Cranio-cerebral topography. Meningeal hæmorrhage.

Text-books:
Beesley & Johnston, *Manual of Surgical Anatomy.*
L. B. Rawling, *Land Marks and Surface Markings of the Human Body* (5th ed., Lewis, 1922).
Book of reference:
Cunningham, *Manual of Practical Anatomy* (latest edition).

D. Diseases of the Eye: Examination of the eyes. Refraction. Diseases and injuries of the eyelids, conjunctiva, and lachrymal apparatus. Diseases and injuries of the eyeball, including glaucoma and amblyopia. Affections of the ocular muscles. Operations upon the eye and its appendages.

Text-book:
Neame and Williamson Noble, *Handbook of Ophthalmology* (J. & A. Churchill, 1927).
Reference:
Parsons, Sir John, *Diseases of the Eye* (6th ed., 1930, J. & A. Churchill).

E. Diseases of the Ear, Nose, and Throat: Special anatomy and physiology of organ of hearing from otological standpoint and relations to general sensorium. Functional tests for hearing and equilibrium. Diseases of external ear, injuries of ear, foreign bodies. Diseases of middle ear—acute and chronic. Diseases of internal ear and intracranial complications of ear disease. Disease of oro and nasopharynx, their relation to ear diseases, and their treatment. Nasal obstruction and deformities of the nose in relation to hearing. Sinus disease, etiology, symptoms, and treatment. Various diseases of nose and upper air passages, including ozaena, syphilis, and tuberculosis. Equilibrium and vertigo.

Text-book:

Logan Turner, *Diseases of the Ear, Nose, and Throat.*

Books of reference:

Milligan and Wingrave, *Diseases of Ear.*

Politzer, *Diseases of Ear.*

Sir Sinclair Thomson, *Diseases of the Nose and Throat* (3rd ed.).

Jones and Fisher, *Equilibrium and Vertigo.*

Wendell C. Phillips, *Diseases of the Ear, Nose, and Throat* (6th ed.).

Skillern, *Accessory Sinuses of Nose.*

Hajek, *Nasal Accessory Sinuses* (5th ed.).

F. Surgical Diseases of Children: Ten lectures on surgical diseases of children are given at the Adelaide Children's Hospital.

353. Group III: Obstetrics and Gynaecology.

A. Obstetrics: Anatomy, physiology and development of the female pelvic organs. The foetus. Diagnosis of pregnancy. Management of normal pregnancy. Phenomena of labour, maternal, foetal. Normal mechanism and management of normal labour. The normal puerperium. Complications of pregnancy. Haemorrhages, toxaemia, etc. Abnormal presentations. Complications of third stage. Abnormal puerperium. Obstetrical operations.

B. Gynaecology: Examination of patient. Introductory terms in gynaecology. Inflammations. Tumours. Lacerations. Malformations and displacements. Other gynaecological conditions. Use of gynaecological instruments and appliances. Gynaecological operations.

Text-books:

Obstetrics:

Jellett, *Midwifery for Students.*

Fitzgibbon, *Practical Obstetrics.*

Gynaecology:

Horne, *Gynaecology.*

Berkeley and Bonney, *Guide to Gynaecology in General Practice.*

Diseases of Women, by Ten Teachers.

Reference-books:

Fairbairn, *Gynaecology with Obstetrics.*

Berkeley and Bonney, *Difficulties and Emergencies of Obstetric Practice.*

354. Medical Ethics.

A short course of lectures on the ethics of the profession.

The relationship of practitioners to one another, to patients, nurses, chemists, friendly societies, the public, advertising, hospitals, the law courts, and the Government.

DEGREE OF MASTER OF SURGERY.

PART I OF THE EXAMINATION.

361. Anatomy.

The scope of the work in Anatomy will be that prescribed for the degrees of M.B. and B.S., but a higher standard will be required than for the Bachelor's degree.

The examination will consist of written papers and viva voce questions in all branches of the subject, and equal marks will be allotted for the written and viva voce examinations. Two papers will be set as follows:

First Paper: Gross Anatomy, including Neurology.

Second Paper: Embryology and Histology.

Preparations will be available for study in the Department of Anatomy and Histology.

Text-books:

Cunningham, *Text-book of Anatomy.*

Cunningham, *Manual of Dissection* (3 vols.).

Arey, *Developmental Anatomy* or Frazer, *Embryology.*

Schafer, *Essentials of Histology.*

Bailey, *Text-book of Histology* (7th ed.) (Section on Nervous System).

Ranson, *The Anatomy of the Nervous System* (3rd ed.) or Villiger, *Brain and Spinal Cord* (for Atlas of brain stem, etc.).

362. Physiology (including Biochemistry).

The scope of the work in Physiology will be that prescribed for the degrees of M.B. and B.S., excluding Pharmacology, but including the Physiology of the Special Senses. A higher standard will be required than for the Bachelor's degree, and special emphasis will be laid on the application of Physiology and Biochemistry to Surgery.

The examination will consist of written papers and viva voce questions, and equal marks will be allotted for each division.

Text-books:

Latest editions of

Macleod, *Physiology and Biochemistry in Modern Medicine.*

Sampson-Wright, *Applied Physiology.*

Selections from recent monographs will be set by the Professor.

FACULTY OF DENTISTRY.

Students are expected to procure the latest editions of all text-books prescribed.

FIRST YEAR.

401. Physics.

Same course as Physics I for the degree of B.Sc. *Vide* Syllabus No. 101.

402. Chemistry.

Same course as Chemistry I for the degree of B.Sc. *Vide* Syllabus No. 111.

403. Zoology.

Same course as Zoology I for the degree of B.Sc. during the first and second terms only. *Vide* Syllabus No. 161.

404. Dental Metallurgy.

Lectures:

Physical properties of metals; refractory materials; investment and impression materials; furnaces; pyrometers; properties and applications of metals and alloys commonly used in dentistry; amalgams; solders.

Laboratory Work:

Reduction of a metal from its compound; preparation of a fusible alloy and determination of its melting-point; preparation of an amalgam alloy; preparation of an amalgam and testing for change of volume; assay of silver bullion; parting of gold and silver; preparation of pure gold from scrap; making an 18-k. gold alloy.

Text-book:

Hodgen, *Practical Dental Metallurgy.*

SECOND YEAR.

411. Anatomy and Histology.

A. ANATOMY.

This consists of a course of systematic lectures, demonstrations, and practical work. The course is so arranged as to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

The course occupies three terms and comprises about forty lectures and one hundred and twenty hours' practical work.

Text-book recommended:

Gray, *Anatomy, Descriptive and Applied.*

B. General Histology.

A general course is given to cover the minute structure and function of the tissues and organs of the body. The lectures and practical work occupy about fifty hours.

Text-book recommended:

Schafer, *Histology*.

C. Special Dental Histology.

This covers the microscopic anatomy of teeth, the technique and methods of investigations, and discussion of recent literature.

Text-book recommended:

J. Howard Mummery, *The Microscopic Anatomy of Teeth*.

412. Junior Dental Anatomy.

(a) A course of lectures on human teeth, deciduous and permanent; their notation, structure, characters, arrangement, and occlusion.

(b) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital. A study of teeth by drawing, carving, and section-cutting.

Text-books:

Tomes, *Dental Anatomy*.

Black, *Dental Anatomy*.

Book of reference:

McGehee, *Operative Technics*.

413. Physiology.

A course of lectures and practical work extending over two terms dealing with (1) the mechanisms of movement and sensation, and the physiology of digestion; (2) the circulation and respiration, secretory and excretory functions as exemplified in particular by the salivary glands and the kidneys.

Text-book:

Bainbridge and Menzies, *Essentials of Physiology*.

414. Biochemistry.

A course of lectures and practical work on general biochemistry during one term.

Text-book:

The Adelaide University Manual of Practical Biochemistry (The Harvey Book Company, Adelaide).

415. Prosthetic Dentistry.

(a) A course of lectures on the rudiments of dental mechanics and the materials employed.

(b) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

THIRD YEAR.

421. General Pathology and Bacteriology.

A course of instruction on the general principles of Pathology and Bacteriology, inflammation, repair of injuries, tumours, bacteriological technique, bacteria and their effects, pyogenic organisms, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

Text-books:

Muir, *A Text-book of Pathology;* or
Delafield and Prudden, *A Text-book of Pathology.*
Donaldson, *Practical Morbid Histology.*
Muir and Ritchie, *Manual of Bacteriology.*
Hutchison and Rainy, *Clinical Methods.*

Book of reference:

MacCullum, *A Text-book of Pathology.*

422. Dental Patho-Histology.

Microscopic examination of dental and surrounding tissues in diseases of the teeth.

Text-books:

Hopewell-Smith, *Normal and Pathological Histology of the Mouth.*
Vol. II, *Pathological Histology.*
Colyer, *Dental Surgery and Pathology.*

Book of Reference:

Pickerill, *The Prevention of Dental Caries and Oral Sepsis.*

423. Senior Dental Anatomy.

A course of lectures on the teeth, their origin, development, eruption, and comparative homologies. The mandible and maxillae, their origin, development, alveolar processes, senile changes, nerves, blood vessels and lymphatics. The tempero-mandibular articulation, structure, varied and complicated movements, mechanism of mastication.

Text-book:

Tomes, *Manual of Dental Anatomy.*

Book of reference:

Underwood, *Dental Anatomy and Physiology.*

424. Dental Materia Medica, Pharmacology, and Therapeutics.

A course of lectures on the names, sources, physical character, chemical properties, preparation, doses, physiologic action, and application of the important drugs relating to the practice of dentistry; prescription-writing.

Text-book:

Prinz, *Dental Materia Medica and Therapeutics* (6th ed.).

425. Prosthetic Dentistry.

(*a*) A course of lectures on metal plate prosthesis, and the principles involved in the restoration of the edentulous mouth.

(*b*) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

Text-books:

Prothero, *Prosthetic Dentistry.*

Turner, *Prosthetic Dentistry.*

426. Operative Dentistry.

A course of lectures and demonstrations and practical work on the operative treatment of diseased teeth, deciduous and permanent; caries, affections of the tooth pulp and periodontal membrane, abscesses, acute and chronic, etc.; preparation and filling of cavities; instruments and materials used; temporary and permanent fillings; inlays; extractions, etc.

Text-book:

Ward, *American Text-book of Operative Dentistry;* or

McGehee, *Text-book of Operative Dentistry.*

FOURTH YEAR.

431. General Surgery.

A course of lectures and clinical instruction in surgery, giving an outline of surgical principles; the causes, signs, symptoms, diagnosis, and treatment of injuries and surgical diseases, especially those affecting the mouth and surrounding parts.

Text-book:

Cuming & Joll, *Aids to Surgery.*

432. General Medicine.

A short special course of lectures and clinical instruction in the principles of medicine and on the diseases of different organs and systems of the body, with particular reference to the relationship between general and dental disorders.

The subject-matter of the course:

(i) Medical diagnosis, and methods of examination. The outward signs of disease. Investigation of oral and pharyngeal abnormalities. Signs and symptoms in disorders of the body systems: respiratory, circulatory, digestive, excretory, and nervous. Case-taking.

(ii) Specific infectious diseases. The main features of the common infectious diseases, especially those exhibiting oral lesions. Importance of oral hygiene in treatment. Tuberculosis. Syphilis. Infection and immunity. Focal infections.

(iii) The respiratory system. Diseases of the nasal accessory sinuses. Foreign bodies in the air passages. Pulmonary diseases.

(iv) The digestive system. Stomatitis. Salivary glands. Pharynx. Adenoids. Gastric and intestinal diseases. Disorders of the liver. Jaundice. Oral sepsis.

(v) The circulatory system. Cardiac failure. Effect of anaesthetic drugs. The common valvular lesions. Arteriosclerosis. Syncope. Shock.

(vi) Diseases of the blood. Anaemia. Leukaemia. Purpura. Haemophilia and other haemorrhagic states.

(vii) The endocrine system. Diseases of the thyroid and other glands of internal secretion. Diabetes mellitus.

(viii) Diseases of the kidney and urinary tract. Nephritis. Uraemia.

(ix) The nervous system. Outline of the signs and symptoms of some common nervous disorders. Diseases affecting the trigeminal nerve.

(x) Intoxications. Poisoning from alcohol, lead, mercury, arsenic, bismuth

(xi) Disorders of metabolism. Gout. Scurvy. Importance of vitamins.

(xii) Diseases of muscles and joints. Fibrositis. Arthritis.

Text-book:

Livingstone, *Aids to Medicine.*

Books of reference:

Osler, *Principles and Practice of Medicine.*

Goadby, *Diseases of the Gums and Mucous Membrane of the Mouth.*

433. Dental Surgery and Pathology.

A course of lectures and demonstrations embracing the etiology, diagnosis, and treatment of conditions associated with disorders of the deciduous and permanent dentition; also injuries and diseases of the teeth, gums, and adjacent parts.

Text-books:

Colyer, *Dental Surgery and Pathology.*

Goadby, *Diseases of the Gums and Mucous Membrane of the Mouth.*

Posner, *Minor Oral Surgery Simplified.*

434. Prosthetic Dentistry.

(*a*) A course of lectures on the principles of partial denture service.

(*b*) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

Text-books:

Prothero, *Prosthetic Dentistry.*

Turner, *Prosthetic Dentistry.*

435. Crown and Bridge Work.

(*a*) A course of lectures on the fundamentals of crowns and bridges: their classification, application, construction, and repair; dental ceramics.

(*b*) A course of demonstrations and practical work at the Department of Dentistry, Adelaide Hospital.

Text-book:
Goslee, *Crown and Bridge Work.*

436. Orthodontia.

A course of lectures, demonstrations, and practical work.

FIFTH YEAR.

441. Anaesthetics.

A course of lectures and demonstrations on general anaesthetics.

Text-books:
Hewitt, *Anaesthetics and Their Administration;* or
Stuart Ross and Fairlie, *Anaesthetics.*

442. Prosthetic Dentistry.

(*a*) A course of lectures on splints, obturators, and appliances used in Oral Prosthesis.

(*b*) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

Text-books:
Prothero, *Prosthetic Dentistry.*
Turner, *Prosthetic Dentistry.*

443. Orthodontia.

A course of lectures and demonstrations and practical work on abnormalities in the development of the teeth, deciduous and permanent, of the jaws and adjacent parts; their causes, consequences, recognition, and treatment by mechanical and surgical means.

Text-book:
Angle, *Orthodontia.*

444. Ethics, Economics, and Dental Jurisprudence.

A short course of lectures dealing briefly with these subjects.

445. Oral Hygiene.

A short course of lectures on dentistry in its relation to public health; preventive dentistry from such aspects as diet, mastication, oral prophylaxis, and private and public education on dental health.

446. Oral Surgery.

A short course of lectures on major dental operations and operative procedure on adjacent structures.

Minimum Practical Requirements.

NOTE.—All work is to be completed in the Hospital, wholly by the student himself, under the supervision of the appointed instructor.

The student, before commencing any year's work, must possess all the instruments on the official list, approved by the demonstrator in charge.

SECOND YEAR.

Tooth Morphology.

Attend the classes in Practical Tooth Morphology, and obtain 100 marks for practical work in the following subjects:—

1. Drawing from specimen teeth.
2. Modelling and carving teeth.
3. Section cutting.

Prosthetic Dentistry.

Obtain 100 marks in the following:—

1. Manipulation of plaster of Paris:
   (*a*) Under varying conditions, with and without accelerating and hardening media.
   (*b*) Experiments in expansion and contraction.
   (*c*) Precise carving of casts and models.

Obtain 100 marks in the following work:—

2. Vulcanite:
   (*a*) The behaviour of various rubbers when vulcanized under different conditions—exercise in volumetric changes.
   (*b*) The preparation and finishing of vulcanite bases without teeth.
   (*c*) The preparation and completion of six (6) simple and different repairs.
   (*d*) The waxing up, flasking, packing, vulcanizing, and finishing F.U. & F.L. dentures.

Obtain 300 marks in:—

3. Soldering:

(*a*) The essential requirements for soldering, using base metals and sterling silver.

(*b*) The following exercises, using the bunsen flame and blow-pipe flame alternatively:—

(i) Solder a flat strip of metal to another smaller piece.

(ii) Solder a W-shaped tag to plate.

(iii) Construct and solder geometrical figures.

(iv) Solder pegs into a plate.

(v) Construct and solder a ladder and a cube.

(vi) Invested soldering.

Obtain 100 marks in:—

4. Construction of metal impression trays:

(*a*) Make dies and counter-dies.

(*b*) Swage trays and solder handles thereto.

5. Satisfy the Prosthetic Instructor as to their knowledge in properties and elementary manipulation of modelling compound.

THIRD YEAR.

Operative Technique.

(*a*) Attend demonstrations in:—

1. Preparation of cavities.
2. Use of filling materials.
3. Chairside procedures.
4. Sterilization.
5. Elimination of saliva.
6. Separation of teeth.
7. Uses of silver nitrate.
8. Use of desensitizers.

(*b*) Obtain 400 marks in the following practical work:—

1. Amalgam, tin, and silicate fillings.
2. Gold fillings.
3. Prepare cavities and make wax impressions for inlays.
4. Treat and fill root canals.

(*c*) Attend clinical instruction during the third term.

PROSTHETIC DENTISTRY.

Obtain 200 marks in the following work:—

1. Construction of dies and counter-dies of fully and partially edentulous denture cases.
2. Construct swaged bases for F.U. & F.L., P.U. & P.L.
3. Construction of simple clasps and soldering same to metal bases.
4. Grinding and fitting of teeth. fitting backings and soldering to metal bases.
5. Casting:
   (*a*) Full and partial metal denture bases.
   (*b*) Inlays, etc.
6. Preparation of bite blocks and special trays.
7. Simple setting-up of artificial teeth for full and partial dentures, using a plane line articulator.
8. Impressions of the mouth with plaster of Paris.
9. Preparation of bites, and mounting of casts on Snow articulator, using face-bow; setting up and finishing F.U. & F.L. dentures for at least one patient.
10. Complete three (3) repairs, and four (4) F.U. & F.L. finishes each term, apart from all other work set.

FOURTH YEAR.

OPERATIVE DENTISTRY.

Each student must attend on days allotted to him for instruction in extractions, anaesthetics, and examinations, and must obtain the number of marks for each group of dental operations set out below:—

1. Extractions:
   - Under local anaesthetic - - - - - - - 100
   - Under general anaesthetic - - - - - - - 100
2. Examination reports - - - - - - - - 50
3. Plastic restorations:
   - Amalgam - - - - - - - - - - 150
   - Synthetic - - - - - - - - - - 50
4. Gold restorations - - - - - - - - - - 100
5. Inlays - - - - - - - - - - - 100
6. Scaling cases - - - - - - - - - - 100
7. Root canal treatment and pulp-capping - - - - 100

PROSTHETIC DENTISTRY.

Obtain 200 marks in the following work:—

1. Construct F.U. & F.L. dentures for patients using the Snow articulator and face bow.

2. Preparation of special attachments for partial dentures.
3. Relining of F.U. & F.L. dentures.
4. Plaster Impressions of partially edentulous mouths, and the preparation of the subsequent casts and bites.
5. Complete five (5) repairs, one of which shall include a soldering operation, and two (2) F.U. & F.L. finishes each term.

Crown and Bridge Technique.

Obtain 200 marks in the following work:—

1. Band making and contouring.
2. Preparation of tooth for, and the construction of, a hollow metal molar crown.
3. Incisor crowns banded and half-banded.
4. Davis crowns—ground and cast base.
5. Telescopic molar crowns and removable incisor crowns.
6. Attachments for bridges.

All work to be done on an articulator with roots of natural teeth mounted in plaster casts—contiguous teeth standing.

Dental Ceramics.

Porcelain Inlays (10 marks).

Orthodontic Technique.

Obtain 100 marks in the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

FIFTH YEAR.

Operative Dentistry.

Each student shall attend on the days allotted to him for instruction in extractions, anaesthetics, and examinations, and must obtain the following number of marks for each group of operations, as given below:—

1. Extractions:
   - Under local anaesthetic - - - - - - - 200
   - Under general anaesthetic - - - - - - - 200
2. Examination reports - - - - - - - - - 100
3. Gold restorations - - - - - - - - - - 200
4. Inlays - - - - - - - - - - - - 200

5. Plastic restorations:
   Amalgam - - - - - - - - - - 200
   Silicate cement - - - - - - - - - 100
6. Root canal treatments and pulp-capping - - - - 200
7. Radiography - - - - - - - - - - 50
8. Gingiuitis and pyorrhoea treatments - - - - - 100

ANAESTHETICS.

Attend demonstrations on the days allotted and obtain 100 marks for administrations of anaesthetics.

ORAL SURGERY.

Attend and assist in at least one case of each of the following:—
Root resection, alveolectomy, surgical removal of impacted tooth, fractured jaw.

PROSTHETIC DENTISTRY.

Obtain 500 marks in the following work:—

1. Practical F.U. & F.L. and F.U. or F.L. artificial dentures, to include cases (a) constructed with gum section teeth, (b) for immediate insertion after extraction of natural teeth, (c) constructed along lines of advanced technique.
2. Technique partial dentures.
3. Practical partial dentures.
4. Bridges for patients.
5. Construct artificial crowns for patients.
6. Treat one cleft palate.
7. Treat one fractured jaw.
8. Technique F.U. & F.L. dentures occluding with one another on metal bases—swaged and cast—with soldered upper anterior teeth and the remainder with vulcanite attachment.
9. Complete five (5) complicated repairs and five (5) F.U. & F.L. finishes during the first and second terms.

When suitable patients are not available, technique pieces to be constructed by direction of the Dental Superintendent.

All work to be performed to the satisfaction of the Prosthetic Instructor.

ORTHODONTIA.

Obtain 100 marks in treating cases of simple and complicated mal-occlusion.

Cast of teeth to be made before and after treatment and lodged in case.

Students to carry on the treatment as long as time will permit.

FACULTY OF MUSIC.

FIRST-YEAR COURSE.

451. Harmony.

All details of usual notation. Ear tests. All harmonic combinations usual in part-writing of not more than four parts.

The addition of not more than three parts to either a figured or an unfigured bass. The harmonization of melodies in not more than four parts, i.e., by the addition of not more than three other parts.

452. Counterpoint.

Simple counterpoint. All species in not more than four parts.

Text-books recommended:

Kitson, *Evolution of Harmony.*
Stewart Macpherson, *Melody and Harmony.*
Percy Buck, *Unfigured Harmony.*
Kitson, *The Art of Counterpoint*

453. History of Music.

A general knowledge of the character of the various forms of music composed between the years 1600 and 1850.

Text-books recommended:

Parry, *Summary of Musical History* (Novello).
Parry, *The Evolution of the Art of Music.*
Colles, *The Growth of Music.*
Buck, *History of Music* (Benn Library).

454. Pianoforte Playing.

List of pieces to be played by first-year students.

(*a*) Scales. Any major, minor, or chromatic scale with each hand separately, and both hands together an octave apart.

(*b*) Arpeggios. The arpeggios of all major and minor common chords and their inversions with each hand separately, and both hands an octave apart.

(*c*) Bach. Three-part Inventions. Any one.
French Suites. No. 5, in G major, Allemande only.

(*d*) Mozart. Sonata in F major, first movement.

(*e*) Beethoven. Sonata, Op. 14, No. 2, Andante.

(*f*) Reading at sight.

To qualify in ear tests candidates will be required

(*a*) to name by note or interval, as preferred, any diatonic or chromatic interval within the compass of an octave, above or below the note first sounded;

(*b*) to identify the following chords when played:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh;

(*c*) to write from dictation short phrases, combining both melody and rhythm, played by the Examiner;

(*d*) to recognize the various cadences, and also modulations to related keys, in a passage played by the Examiner—the original key to be mentioned.

455. Organ Playing.

List of pieces to be played by first-year students.

(*a*) Scales. Any major, minor, or chromatic scale with hands alone or with the feet alone, and with hands and feet together.

(*b*) Arpeggios. The arpeggios of all major and minor common chords in all positions with hands alone or feet alone, and with hands and feet together.

(*c*) Albrechtsberger. Any two trios.

(*d*) J. S. Bach. Andante, Sonata 4.
Fugue in G minor (Novello, Vol. III).

(*e*) Mendelssohn. Prelude and Fugue in G major.

(*f*) Playing at sight.

To qualify in ear tests candidates will be required

(*a*) to name by note or interval, as preferred, any diatonic or chromatic interval within the compass of an octave, above or below the note first sounded;

(*b*) to identify the following chords when played:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh;

(*c*) to write from dictation short phrases, combining both melody and rhythm, played by the Examiner;

(*d*) to recognize the various cadences, and also modulations to related keys, in a passage played by the Examiner—the original key to be mentioned.

SECOND-YEAR COURSE.

461. Harmony.

Part-writing in not more than five parts.

Harmonization of basses (figured and unfigured) and of melodies.

462. Counterpoint and Double Counterpoint.

Simple and combined. All species in not more than four parts, and first species only in not more than five parts.

Double counterpoint at the octave, tenth and twelfth.

463. Canon and Fugue.

Canon for two voices, with a free part.

Fugue in not more than four parts (exposition only).

Note.—In the examination, candidates may be required to write original composition of an elementary character.

464. History and Literature of Music, Form and Analysis.

History of the scale, of counterpoint, harmony, and of form in composition.

Text-books recommended:

Kitson, *Evolution of Harmony.*
Buck, *Unfigured Harmony.*
Kitson, *The Art of Counterpoint.*
Prout, *Double Counterpoint and Canon.*
Higgs, *Fugue.*

Works of reference recommended:

Ellis's translation of Helmholtz's *Die lehre von den Tonempfindungen;* Prout's *Musical Form;* Articles on *Harmony, Form,* and *Counterpoint* in Grove's *Dictionary of Music.*

465. Acoustics and Music Theory.

Mode of production and of transmission of sounds. Motion of vibration. Period, amplitude, and phase of vibration; law of isochronism; factors determining period; phase relations of two vibrations (*a*) with equal, (*b*) with unequal periods; simple and compound vibration. Vibrations of strings or wires, rods, plates, and pipes.

Wave motion. Nature and characteristics of wave motion; nature and properties of sound waves. Musical and unmusical sounds; pitch, loudness and quality of musical sounds; methods of determining pitch or frequency of note; the siren; limits of audibility. Musical interval of two notes; consonance and dissonance; musical scales; major and minor scales; scale of equal temperament.

Free and forced vibrations; theory of resonance; illustrations of resonance in sound; beats; determination of difference of frequency by means of beats. Helmholtz's theory of discord.

Theory of musical instruments. Vibration of stretched string or wire, stringed instruments; vibration of air-column, wind instruments; vibration of rods, the tuning-fork; vibration of plates and membranes.

Text-books recommended:

T. F. Harris, *Handbook of Acoustics.*

Broadhouse, *Student's Helmholtz.*

THIRD-YEAR COURSE.

Note.—Candidates may be required to write original composition in the examination in working papers in the following subjects:—

471. Harmony.

In not more than five parts.

472. Counterpoint.

(*a*) Strict counterpoint up to five parts.
(*b*) Free instrumental counterpoint up to three parts.
(*c*) Double counterpoint in the 8th, 10th, and 12th.

473. Canon and Fugue.

(*a*) Canon for two voices, with two free parts.
(*b*) Fugue in not more than five parts.

474. Musical Form and Instrumentation.

(*a*) MUSICAL FORM: The various forms employed in musical composition and the history of their development.
(*b*) INSTRUMENTATION: A knowledge of the compass, capabilities, and characteristics of the various instruments employed in a modern orchestra, singly and in combination with one another. Arranging for full orchestra.

475. Musical History and Literature.

Candidates may be required to illustrate their answers in the foregoing subjects by reference to the standard classical compositions and to show a critical knowledge of the full scores of the following classical works:—

Mozart, *Requiem Mass.*
Brahms, *Symphony in D Major* (*No.* 2).

Books of reference recommended:

Prout, *Fugue* and *Fugal Analysis.*
H. C. Banister, *Lectures on Musical Analysis.*
Prout, *Applied Forms.*
Prout, *The Orchestra.*
Forsyth, *Orchestration.*
Hadow, *Studies in Modern Music.*
The articles on "Opera," "Oratorio," "Sonata," "Suite," "Symphony," "Variations," and "Song" in Grove's *Dictionary of Music.*

FINAL EXAMINATION FOR EXECUTANTS.

PIANOFORTE.

Each candidate will be required to play six works selected by himself, which must include a prelude and fugue of Bach, a sonata of Beethoven, a study by either Clementi or Chopin, and a chamber music work for

pianoforte and strings. The works selected by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

Further: Each candidate will be required to show an intimate knowledge of classical and modern pianoforte music, extending over a wide range, details of which may be obtained from the Registrar. Any selection made by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

SINGING.

Each candidate will be required to sing six works selected by himself, which must include two oratorio solos, each with a recitative, and two operatic solos; the candidate must show his ability to sing intelligently in two foreign languages. The works selected by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

Further: Each candidate will be required to show a general knowledge of standard solo vocal music (including that of oratorios and operas) irrespective of the character of his voice, but a special knowledge will be required of a selection made by the candidate from the works written for his own voice. Such selection must be submitted to the Elder Professor of Music for his approval two months before the examination.

DIPLOMA IN COMMERCE.

A. ENGLISH COMPOSITION. (481).

Tutor—MR. E. G. BIAGGINI, M.A.

Students are advised strongly to take this subject as early as possible in their course.

The primary object of this course is to assist students in developing their powers of expression, but in addition it aims at extending their appreciation of good literature. Six books are read during the year. Each is made the subject of a lecture, and serves as the basis of an essay to be written in the classroom after a few weeks have been allowed for reading it. They may be procured at the University. For 1933 they will be:—

Hardy: *Tess of the D'Urbervilles* (Macmillan Cottage Library).
Trollope: *Barchester Towers* (Collins).
Thackeray: *The Four Georges* (Everyman).
Stevenson: *An Inland Voyage* (Everyman).
Lynd: *Selected Essays* (King's Treasuries).
Strachey: *Queen Victoria* (Phoenix Library).

Fee, £1 1s. per annum.

B. COMPULSORY SUBJECTS.

482. Accountancy I.

Lecturer—Mr. E. W. Mills, A.U.A., F.C.A. (Aust.).

Before being admitted to the course in Accountancy I candidates must pass a qualifying examination in Bookkeeping, which will be held in the first week in March. Candidates who have passed in Bookkeeping at the Leaving Examination or at some other examination of equivalent standard will be exempted from the qualifying examination. In the event of a candidate failing to pass the qualifying examination the fee paid for Accountancy I may be transferred to another subject or may be refunded at the candidate's option.

There are three courses in Accountancy: courses I and II must be taken by all candidates for the Diploma in Commerce.

The course in Accountancy I consists of about 60 lectures, each of one hour's duration, and is completed in one year. The course will begin in 1934.

To be eligible to sit for the final examination candidates must, in addition to attending the requisite number of lectures or being exempted therefrom, work out a satisfactory proportion of the homework papers which are distributed weekly throughout the year.

Fee, £1 8s. per term, and a charge of 1s. 6d. per term is made for examples.

Synopsis of topics:

Brief historical and general introduction to the subject of accountancy; development of its methods from simple book-keeping to advanced accounting records traced. Various forms of books of account in use shown and illustrated by entries, including the correct employment of the journal in modern accountancy. The trial balance, trading, profit and loss account, and balance-sheet. Cashbook, various forms; bank reconciliation. The system of separate balancing of ledgers explained and exemplified; single-entry book-keeping and conversion to double-entry columnar and departmental books; consignments, account sales, joint venture accounts, accounts current and average due date. Special items affecting trading and profit and loss account and balance-sheet; reserves, reserve and sinking funds, depreciation, appreciation and fluctuation; secret reserves, partnership accounts (including dissolution). Income and expenditure accounts and receipts and payments accounts; distinction between capital and revenue; manufacturing accounts, percentage trading and profit and loss accounts; contract cost accounts; bankruptcy accounts. Companies—Share capital and debentures, vendors' accounts, forfeiture of shares, liquidation, reconstructions, and amalgamations. Hire-purchase accounts; instalment-payment purchases. Royalties.

Instruction on the above, with notes on principles and methods, is alternated with practical work by means of numerous exercises and examples.

Text-books:

Carter, *Advanced Accounts* (Australasian edition) (Pitman).

Ward, *The Commonwealth Intermediate Accountancy and Auditing Exercises* (Hassell Press).

Books for reference:

Dicksee, *Advanced Accountancy* (Gee & Co.).

Barton, *Australasian Advanced Accountancy* (Barton's Accountancy Series).

Spicer & Pegler, *Book-keeping and Accounts* (Foulks Lynch).

483. Accountancy II.

Lecturer—Mr. E. W. Mills, A.U.A., F.C.A. (Aust.).

Candidates must, except in special circumstances, pass in Accountancy I before beginning Accountancy II.

The course consists of about 60 lectures, each of one hour's duration, and is completed in one year. The course will begin in 1933.

Fee, £1 8s. per term, and a charge of 1s. 6d. per term is made for examples.

Synopsis of topics:

Fuller treatment of topics of Accountancy I, and, in addition, executorship accounts, bank accounts, insurance companies' accounts, double-account system, tabular and columnar book-keeping, plant and machinery ledgers, cost accounting, special forms of accounts.

Auditing:

Principles, including objects, classes, and conduct of audits; cash and trading transactions; the private or impersonal ledger; partnership audits; the audit of a limited company; verification of assets; divisible profits and dividends; liabilities of auditors; special considerations in different classes of audits; investigations.

Text-books:

Ward, *The Commonwealth Final Accountancy and Auditing Exercises* (Hassell Press).

Spicer and Pegler, *Practical Auditing* (Foulks Lynch).

Carter, *Advanced Accounts* (Australasian edition) (Pitman).

Books for reference:

Dicksee, *Auditing* (Gee & Co.);

Barton, *Australasian Auditing* (Barton's Accountancy Series);

DePaula, *Principles of Auditing;*

and Accountancy works as set out in Part I.

484. Economics.

Lecturer—Mr. J. M. Garland, M.A., B.Com.

The course consists of about 60 lectures, and is given each year.

Fee: £1 15s. per term.

The course consists of a general survey of economic theory.

1. Introductory: (a) nature, scope, and method of economics; (b) the nature and evolution of wants and their satisfaction; (c) evolution of industrial society; (d) socio-economic order and the fundamental underlying institutions, e.g. family, property, state.
2. Production: (a) man and his environment; (b) population; (c) land and diminishing returns; (d) division of labour.
3. Value and price; the laws of supply and demand.
4. Distribution: (a) the facts of distribution; (b) theories of distribution; (c) distribution as between "factors" and individuals; (d) the State and distribution, taxation, and public finance.
5. Exchange: (a) money, credit, banking; (b) foreign exchange and international trade.

Text-books (which must be procured):

Cannan, *Wealth.*
Clay, *Economics for the General Reader.*
Henderson, *Supply and Demand.*
Sykes, *Banking and Currency.*
Taussig, *Principles of Economics.*

For additional reading:

Marshall, *Principles of Economics.*
Cassel, *Theory of Social Economy.*

In addition to the lectures, the course comprises a certain amount of essay work, together with terminal tests. Students will be expected to exhibit a certain standard of proficiency in these essays and tests before permission to sit for examination is granted.

Students who have not passed in Economics and Economic History at the Leaving Standard are recommended to read Ely and Wicker, *Elementary Principles of Economics,* before entering upon the course.

485. Commercial Law I.

Lecturer—Mr. C. C. Brebner, LL.B.

The course, consisting of about 30 lectures, is given every year, and is completed in one year. The lectures last about an hour.

Fee: £1 1s. per term.

The lectures will deal with a selection from the following:—

Negotiable instruments; Sale of goods; Insurance; Sea carriage of goods; Commercial agency; Partnership; Companies; Bankruptcy; Guarantee; Securities; Trustees; Employers' liability; Workmen's compensation; The Factories Acts.

No text-book is prescribed, but the following Acts of Parliament may be obtained:—Bills of Exchange Act (Federal); Sale of Goods Act, 1895; Partnership Act, 1891; Companies Acts, 1892; Bills of Sale Act, 1886; Federal Bankruptcy Acts.

436. Statistics I.

Lecturer—Mr. K. F. Newman, A.U.A.

The course, consisting of about 30 lectures, is given every year, and is completed in one year.

Fee, £1 1s. per term.

Scope of course:

Growth and scope of Statistics.

Methods of compilation and reliability of statistical data.

Arithmetical processes, tabulation, accuracy and approximation, nature and use of logarithms.

Diagrams and curves, distributions at a moment, historical statistics, fluctuations, secular changes, smoothing, estimation, easy interpolations.

Comparative statistics—aggregates, means, modes, dispersion, norms, weights, index numbers.

Correlation.

Applications—purchasing power of money index numbers, production prices index numbers, minimum-wage determination, mental tests, racial and population problems, etc.

Interpretation of statistical publications.

Text-books:

W. P. Elderton and E. M. Elderton, *Primer of Statistics* (A. & C. Black).

Day, *Statistical Analysis.*

For reference:

W. I. King, *Elements of Statistical Method.*
D. C. Jones, *A First Course in Statistics.*
A. L. Bowley, *Elements of Statistics.*
Commonwealth Year-book.
Commonwealth Labour Report, No. 1
Commonwealth Labour Report, No. 9.
Commonwealth Bulletin on Production.

487. Commercial Practice.

Lecturer—Mr. C. Harding Browne, A.U.A., F.C.A. (Aust.).

The course, consisting of about 30 lectures, is completed in one year. It will be given in 1933.

Fee, £1 1s. per term.

It is desirable that Commercial Law and Accountancy I be taken either before or concurrently with this course.

Synopsis of course:

Special features of Australian commerce. Practices of particular kinds of businesses. Commercial management. Formation, conduct, and liquidation of companies. Duties and responsibilities of Directors and Secretaries. Holding companies. Conduct of certain classes of meetings. Bankruptcy. Insurance. Carriage. Agency. Arbitration. Executors and Trustees. Stock Exchange.

The modern office Statistics and graphs.

The function of Chambers of Commerce and certain Government departments.

Definitions and use of mercantile documents, forms, and terms. Customs procedure. Federal and State income taxation.

Text-books:

William Campbell and R. B. Lemmon, *Business Practice and Principles* (Australian Edition).

C. L. Bolling, *Commercial Management*.

Both text-books are published by Sir Isaac Pitman & Sons, Ltd.

ADVANCED SUBJECTS.

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490. Accountancy III.

Lecturer—Mr. L. W. Ferres, F.C.A. (Aust.).

The course consists of about 60 lectures, and is given in alternate years. It will be offered in 1934, and will be given if sufficient students enrol.

Fee: £1 15s. per term.

Scope of Course: Practical hints on auditing. Installation of systems of account. Accounting machinery. Investigations. Amalgamations. Accounts as an aid to management. Forms of reports, balance-sheets, and profit and loss accounts. Comparisons, ratios, budgets, charts.

Reference books:

As recommended in class.

491. Commercial Law II.

Lecturer—Mr. Herbert Mayo, K.C., LL.B.

The course consists of about 60 lectures, and is completed in one year. It will be offered in 1933, and will be given if sufficient students enrol.

Fee: £1 15s. per term.

A more detailed study in the following branches of Commercial Law:—Principles of the law relating to contract; company law; negotiable instruments; bankruptcy; commercial agency; bills of lading and carriage of goods. In addition, the law relating to executors and trustees; arbitration.

Books recommended:

Anson, *Law of Contract.*

Stevens, *Mercantile Law.*

DIPLOMA IN PUBLIC ADMINISTRATION.

NOTE—The syllabuses for English Composition, Economics, and Statistics I are the same as those prescribed for the Diploma in Commerce. The syllabuses of the courses for the degree of Bachelor of Arts may be found in the University Calendar.

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3. Political Institutions.

Lecturer—Mr. J. M. Garland, M.A., B.Com.

The course, consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be offered in 1934, and will be given if sufficient students enrol.

The first part of the course deals with the principal conceptions underlying the various forms of modern political organization: the State; sovereignty; organs and functions of government; the Legislature; the Executive; the Judiciary; theories of the separation and division of powers.

The second part of the course is devoted to a comparative survey of modern political institutions in the United Kingdom, the United States, France, Italy, Switzerland, and the Commonwealth of Australia.

Text-book:

Strong: *Modern Political Constitutions.*

4. Public Administration.

Lecturer—Mr. J. W. Wainwright, B.A.

The course, consisting of one lecture a week, extends over six terms, and begins every alternate year. It will begin in 1934.

The course is a study of Australian, English, American, German, French, Italian, and other government administrative systems.

The lectures deal with:

(i) The principles and methods of public administration in State and municipal government, the problems for recruiting and organizing the staffs of public offices, and the administration and control of individual departments.

(ii) Public undertakings which are privately owned, the nature of the ownership, and public control of their rates and charges.

(iii) Fixation and regulation of commodity prices, wages, and salaries.

Text-books:

White, *Public Administration.*
Willoughby, *Public Administration.*
Munro, *Principles and Methods of Municipal Administration.*
Robson, *The Development of Local Government.*
Clarke, *Outlines of Central Government.*
Ogg, *The Government of Europe.*
Report of the Machinery of Government Committees, British House of Commons.
I.P.A. Journals, 1928-32.
Reports of Auditors-General for Commonwealth and State of South Australia, 1931.
Public Service Commissioner's Report, 1931.

5. Public Finance.

Lecturer—Mr. J. M. Garland, M.A., B.Com.

The course, consisting of about 15 lectures, is given every alternate year, and is completed in one year. It will be offered in 1933, and will be given if sufficient students enrol.

The course deals with the principal revenue systems of the world; with types of taxes, their incidence and effects; government expenditure: war finance and national debts.

Text-books:

Dalton, *Public Finance.*
Robinson, *Public Finance.*
Stamp, *Fundamental Principles of Taxation.*

For reference:

Reports of Australian Royal Commission on Taxation
Colwyn Committee Report.
Pigou, *Public Finance.*

DIPLOMA IN PHARMACY.

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Pharmaceutical Studies.

FIRST-YEAR COURSE.

501. Theoretical Inorganic Chemistry.

The subject-matter will be dealt with in two courses, namely, (a) the lectures delivered to the Chemistry I class at the University on Tuesdays, Thursdays, and Saturdays, from 9 a.m. to 10 a.m., during the first and second terms; and (b) a special course of lectures to be delivered during the third term on Mondays, Wednesdays, and Fridays, from 11 a.m. to 12 noon.

Synopsis.—The general behaviour and the principal properties of solids, liquids and gases. Properties of dilute solutions. General chemical theories. Atomic and molecular structure. The chemistry of the non-metallic elements and their principal compounds. Hydrogen, Oxygen. Water. Solution. Potable waters. Hardness of water. Acids, bases, and salts. Neutralization. Colour indicators. Hydrogen peroxide. Halogens, halogen acids, and their salts. Oxides and oxy-acids of chlorine. Hypochlorites and chlorates. Sulphur. Oxides and oxy-acids of sulphur. Sulphites and sulphates. Sodium thiosulphate. Boron, boracic acid, and borax. Nitrogen. Oxides and oxy-acids of nitrogen. Nitrites and nitrates. Ammonia and its salts. Arsenic and antimony and their oxides. Arsenites and arsenates. Detection of traces of arsenic and antimony. Tartar emetic. Colloids and colloidal solutions. Preparation of colloidal metals. Dissociation of acids and salts in solution. Hydrogen ion concentration of solutions. Principles of volumetric analysis of acids and alkalis. The chemistry of the principal compounds of pharmaceutical interest of the following metals:—Lithium, Sodium, Potassium, Bismuth, Calcium, Ferrous and Ferric Iron, Mercurous and Mercuric Mercury, Magnesium, Lead, Zinc.

Books recommended:

Denham or Partington, *Inorganic Chemistry.*
Lupton, *Aids to the Mathematics of Pharmacy.*

502. Practical Inorganic Chemistry.

This class will meet on Wednesdays, from 6 p.m. to 10 p.m., from the beginning of lectures till the end of the third term.

Subject-matter:

I. The preparation of simple inorganic salts.

II. The examination of the appearance and chief characteristics of simple salts of pharmaceutical interest.

III. The detection of metallic and acidic constituents in a simple salt, and the examination of B.P. salts for common impurities.

IV. Simple volumetric estimations involving the use of standard solutions of acids and alkalis. Strength of B.P. acids. Principles of dilution of strong acids to B.P. strength. The preparation and use of standard solutions of potassium permanganate and silver nitrate.

503. Elementary Pharmacy.

This class will meet on Wednesdays from 4 p.m. to 5 p.m. during the first term.

Subject-matter:

The weights and measures of Pharmacy and exercises thereon.

An introductory treatment of the drugs and galenicals of the British Pharmacopoeia.

An introduction to the History of Pharmacy.

Pharmaceutical Ethics. The relationship of Pharmacists one to another, to other professions, and to the public.

An examination will be held at the completion of the course.

SECOND-YEAR COURSE.

504. Theoretical Organic Chemistry.

This class will meet on Wednesdays and Fridays, from 12 noon to 1 p.m., throughout the first and second terms.

Subject-matter:

The nature of organic chemistry. Structural considerations and isomerism. Classification of organic compounds.

The aliphatic hydrocarbons. Methane and other paraffins. Ethylene and acetylene. Unsaturation and structural isomerism.

Aliphatic halogen compounds. Chloroform. Iodoform. Ethyl chloride.

Simple aliphatic alcohols. Fermentation. 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. Fruit essences and other B.P. esters.

Oils and fats. Oleates. Saponification. Characteristics of fixed and volatile oils.

Simple sugars and glucosides. 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.

Synthetic dyestuffs of medicinal interest.

Terpene compounds. Camphor. Menthol.

Alkaloids. Quinine. Strychnine. Morphine and related alkaloids. Cocaine and related compounds.

Book recommended:

Macbeth, *Organic Chemistry*.

505. Practical Organic Chemistry.

This class will meet on Wednesdays, from 2 p.m. to 5 p.m., throughout the second and third terms.

Subject-matter:

I. The determination of melting-points, boiling-points, refractive indices, and specific gravities.

II. The preparation and examination of some simple organic compounds.

III. The detection and assay of salts of simple organic acids and bases. Reactions of quinine, strychnine, brucine, and morphine. Detection of urinary constituents. Characterization of B.P. organic compounds.

IV. The examination of fixed and volatile oils and fats. Acid value. Saponification value of esters and oils. Iodine value. Essential oils.

THIRD-YEAR COURSE.

506. Forensic and Commercial Pharmacy.

The course consists of about twenty lectures, and is given on Wednesdays and Fridays at 9 a.m. during the second term.

Synopsis:

Explanations and abbreviations of commercial terms. Principles of book-keeping. Journal, ledger, cash-book, personal and impersonal accounts. Capital, goodwill, trading account, profit and loss account, balance-sheet, cheques. Bank passbook. Petty cash. Bills of exchange. Assets and liabilities. Receipts and payments. Income and expenditure. Depreciation. Stock in trade. Stock records. Costs, percentages, overhead expenses, with special reference to (a) dispensing department and the costing of scrips; and (b) sales.

Summary of the law relating to sale of goods, contracts, cheques, taxation, insurance. Employers' liability. Summary of the Pharmacy Acts and Regulations. Food and Drugs Act and Regulations. Poisons Regulations. Early Closing Act. Licensing Act. Registration of business names. Weights and Measures Acts.

Scope and functions of pharmaceutical organizations. Code of pharmaceutical ethics.

507. Volumetric Analysis and Drug Assay.

This class will meet on Wednesdays, from 2 p.m. to 5 p.m., throughout the second and third terms.

Subject-matter:

I. Solutions (other than simple acids and alkalis) employed in volumetric analysis.

II. Drug assay methods standard in B.P. practice. Standardization of Cinchona, etc.

III. Quantitative limit-test for lead and arsenic in specified drugs and household chemicals.

508. Botany.

This course consists of (a) the lectures and practical work prescribed for first year medical students (vide Syllabus No. 323); and (b) the lectures and practical work prescribed for first year Science students during the third term. The latter deals with the general principles of classification within the Angiosperms. Genera and Species. A study of representative species, and their economic products, of the following families: Ranunculaceae, Cruciferae, Rosaceae, Leguminosae, Scrophulariaceae, Compositae, Liliaceae, Gramineae, Solanaceae, Papaveraceae, Myrtaceae, Umbelliferae, Labiatae, Rutaceae.

Book recommended:

Tansley, *Elements of Plant Biology.*

For reference:

Black, *Flora of South Australia.*

FOURTH-YEAR COURSE.

PHARMACEUTICAL SCIENCE.

EXAMINATIONS in Pharmaceutical Science include both practical and theoretical papers in A. Dispensing, B. Materia Medica and Pharmacy. These must be taken as a complete unit, and a separate pass is not given in any section.

PRACTICAL WORK.—A record of all work done in the laboratory must be kept in an approved note book. These records will be inspected at the conclusion of each daily session throughout the year, and must be produced at the examination.

1. THEORETICAL.—This class will meet on Mondays, Wednesdays, and Fridays, from 11 a.m. till 12 noon during the first and second terms.

2. PRACTICAL.—This class will meet on Mondays, Wednesdays and Fridays, from 9 a.m. till 11 a.m., during the first and second terms, and from 9 a.m. till 12 noon during the third term.

509. Materia Medica A.

Subject-matter:

Drugs of British Pharmacopoeia of vegetable and animal origin and such others that are in common use. Geographical and botanical sources. Physical characteristics. The collection, preparation and preservation of drugs for the market. Recognition of genuine drugs. Possible sophistications, microscopical examination. The more important active principles. Official methods of isolating same. Examination of surgical dressings.

A wide range of macroscopic and microscopic specimens will be available for lecture demonstration.

510. Materia Medica B.

Fourth Year Students will be required to attend a course comprising:—

The elementary principles of biological standardization of drugs, hormones, and biological products; the elements of nutrition and of bacteriology as applied to pharmacy, as is implied in the recognition given in the British Pharmacopoeia, 1932, to foods, food accessories, and sera, and the handling and storing of same.

The class meets on Tuesdays, from 7.30 p.m. till 9.30 p.m., during the second term. Students must perform the work of the course to the satisfaction of the lecturers.

511. Pharmacy.

Subject-matter:

The theory and practical application of the principles involved in the methods of disintegration, comminution, pulverization, and sifting of drugs, and the subsequent preparation from the same or from commercial drugs, of typical examples of:—Compound powders and confections, pill masses and lozenges, granular preparations, aromatic waters, spirits, mixtures, solutions and injections, mucilages, syrups, honeys, liniments, lotions, collodions, glycerins, ointments, plasters, suppositories, infusions, decoctions, tinctures, wines, and vinegars, solid extracts, fluid extracts, and other pharmaceutical products.

The processes of distillation, sublimation, extraction, infusion, decoction, digestion, maceration, percolation, expression, scaling, colation, clarification, decolourization, trituration, elutriation, levigation, and such other processes which enter into the first, second, and third year's study.

512. Dispensing.

Subject-matter:

The theory and practical application in the laboratory of the processes necessary in the compounding of prescriptions, with particular regard to the calculations involved. The conversion of imperial weights and measures into those of metric system. The suspension of insoluble substances. The preparation and nature of emulsions, emulsifying agents, excipients and methods used for pills and tablets. Principles of sterilization, sterilization of apparatus and materials. Preparation of aseptic and antiseptic dressings.

Prescription Reading.—Practical Exercises in deciphering from originals. Translation of Latin phrases of directions for use. Detection of possible errors and unusual doses. Detection of incompatibility and methods of overcoming the same.

Toxicology.—An elementary knowledge of poisons and their appropriate antidotes.

Posology.—A general knowledge of British Pharmacopoeia dosage and modifications necessary for age; habit and method of administration, etc.

Text Books recommended:

British Pharmacopoeia, 1932.
Australian and New Zealand Pharmaceutical Formulary.
Bentley, *Text Book of Pharmacy.*
Bentley, *Aids to Dispensing.*
Copper and Dyer, *Dispensing for Pharmaceutical Students.*

Text Books for Reference:

Squire, *Companion to British Pharmacopoeia.*
Martindale & Westcott, *The Extra Pharmacopoeia.*

DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION.

PROVISIONAL TIME-TABLE OF LECTURES FOR 1933.

First Term begins 6th March, and Lectures on 13th March.

1. Accountancy II	Tuesdays: 5.15 p.m. Thursdays: 7.20 p.m.
2. Commercial Practice	Mondays: 5.15 p.m.
3. Commercial Law I	Mondays: 6.15 p.m.
4. Commercial Law II	Wednesdays: 6.15 p.m. Fridays: 6.15 p.m.
5. Economics	Tuesdays: 6.20 p.m. Thursdays: 6.15 p.m.
6. English Composition	Thursdays: 5.15 p.m.
7. Public Administration	Wednesdays: 5.15 p.m.
8. Public Finance	To be arranged.
9. Statistics I	Fridays: 5.15 p.m.

SPECIAL NOTICE.

Students who are taking their final subjects for either Diploma are requested to give notice when entering for examinations in October.

DIPLOMA IN PHARMACY.

TIME-TABLE FOR 1933.

FIRST-YEAR COURSE.

501. Theoretical Inorganic Chemistry:	
1st and 2nd Terms	9 a.m.—10 a.m. on Tuesdays, Thursdays, and Saturdays.
3rd Term	11 a.m.—12 noon, on Mondays, Wednesdays, and Fridays.
502. Practical Inorganic Chemistry:	
1st, 2nd, and 3rd Terms ..	6 p.m.—10 p.m. on Wednesdays.
503. Elementary Pharmacy:	
1st Term only	4 p.m.—5 p.m. on Wednesdays.

SECOND-YEAR COURSE.

504. Theoretical Organic Chemistry:	
1st and 2nd Terms	12 noon—1 p.m. on Wednesdays and Fridays.
505. Practical Organic Chemistry:	
2nd and 3rd Terms	2 p.m.—5 p.m. on Wednesdays and Fridays.

THIRD-YEAR COURSE.

506. Forensic and Commercial Pharmacy:	
2nd Term	9 a.m.—10 a.m. on Wednesdays and Fridays.
507. Volumetric Analysis and Drug Assay:	
2nd and 3rd Terms	2 p.m.—5 p.m. on Wednesdays.
508. Botany:	
Lectures	6.15 p.m.—7.15 p.m. on Tuesdays and Thursdays.
Practical	7.15 p.m.—9.15 p.m. on Tuesdays and Thursdays.

FOURTH-YEAR COURSE.

510. Materia Medica B:	
2nd Term	7.30 p.m.—9.30 p.m. on Tuesdays.
509. Materia Medica A, Pharmacy and Dispensing:	
511, Lectures—	
and 1st and 2nd Terms	11 a.m.—12 noon on Mondays, Wednesdays, and Fridays.
512. Practical—	
1st and 2nd Terms	9 a.m.—11 a.m. on Mondays, Wednesdays, and Fridays.
3rd Term	9 a.m.—12 noon on Mondays, Wednesdays, and Fridays.

TIME-TABLES FOR 1933.

FACULTY OF ARTS.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1, 2	Greek I and II.		Times to be arranged.				
3	Greek III. (no lectures)						
5, 6	Latin I. and II. ...	4	4	—	4	4	—
7	Latin III. (no lectures) ...						
9	Comparative Philology...	5.10	—	—	5.10	—	—
11	Classics—Honours ...		Times to be arranged.				
16	English Language and Literature { Course A	11	—	—	11	—	—
18	English Language and Literature { Course C	—	3	—	—	3	—
20	English Language and Literature { Honours		Times to be arranged.				
26	French I.	—	—	11	—	11	—
27	II.	—	—	12	—	12	—
28	III.	—	—	—	—	—	9.30
	Oral French	See footnote below			—	—	--
36	German I.	—	—	5	—	—	9.15
37	German II.	—	—	5	—	—	9.15
	History—Modern—						
41	British History A ...	12	—	—	—	12	—
43	British History C ...	2	—	—	—	2	—
46	European History C ...	4	—	—	—	4	—
48	Honours Work ...		Times to be arranged.				
51	Economics I.	—	6.20	—	6.15	—	—
55	Economic History ...	6.15	—	6.15	—	—	—
61	Psychology	—	10	—	10	—	—
62	Logic	—	12	—	12	—	—
65	Ethics		Times to be arranged.				
66	Philosophy, Part I. ...	2	—	—	—	2	—
76	Education	—	2	—	2	—	—
78	Educational Psychology	—	—	—	—	—	10.15

For Science subjects see time-table of Faculty of Science.

Oral French—
First year students ... ...Tuesdays, 6 p.m. to 8 p.m.
Second and third year students...Thursdays, 7 p.m. to 7.45 p.m. (alternately).
7.45 p.m. to 9 p.m.

FACULTY OF SCIENCE. 1st Year B.Sc.

151	Botany I.—Lectures ...	—	10	—	12	—	—
	Practical ...	11-1	11-1	—	—	—	—
111	Chemistry I.—Lectures ...	—	9	—	9	—	9
	Practical ...	2-5	2-5	—	2-5	2-5	—
141	Geology I.—Lectures ...	—	—	11	—	11	—
	Practical ..	11	—	12	—	10	—
86	Pure Mathematics I. ...	10	—	10	—	10	—
101	Physics I.—Lectures ..	9	—	9	—	9	—
	Practical ..	11-1	10-11	—	10-12	—	11-12
161	Zoology I.—Lectures .	—	—	12	—	12	—
	Practical ..	—	2-5	—	—	2-5	—

TIME-TABLES FOR 1933.

FACULTY OF SCIENCE.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
151	Botany, I.—Lectures ...	—	10	—	12	—	—
	Practical ...	11-1	11-1	—	—	—	—
152	" II.—Lectures ..	9	—	9	—	9	—
	Practical ...	2-5	- -	10-1	—	2-5	9-12
153	" III.—Lectures ...	—	9	—	9	11	—
	Practical ...	Aftern'n	—	—	Morning	Aftern'n	Morning
111	Chemistry, I.—Lectures ...	--	9	—	9	—	9
	Practical ...	2-5	2-5	—	2-5	2-5	—
	" II.—Inorganic—						
113	Lectures ...	—	9	—	9	—	—
114	Practical ...	—	12-5	—	12-5	—	—
	" II.—Organic—						
115	Lectures ...	12	—	—	11	—	—
116	Practical ...	—	—	9-1	—	9-1	—
	" III.—Inorganic—						
117	Lectures ...	—	—	9	—	9	—
118	Practical ...	—	All day	—	All day	—	—
	" III.—Organic—						
119	Lectures ..	9	10	—	—	—	—
120	Practical ...	All day	—	Morning	—	All day	—
121	Elementary Physical Chemistry (3rd Term only)	—	12	—	12	—	—
141	Geology I.—Lectures ...	—	—	11	—	11	—
	Practical ...	11	—	12	—	10	—
142	" II.—Lectures	—	10	—	10	—	—
	Practical ...	10	11	—	—	—	—
144	" III.—Lectures ..	10	—	10	—	10	—
	Practical ...	All day	—	Morning	—	All day	—

TIME-TABLES FOR 1933.

FACULTY OF SCIENCE.

No. in Syllabus.	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
86	Mathematics, Pure— I.—Lectures	10	—	10	—	10	—
87	II —Lectures	9	—	9	—	9	—
89	III.—Lectures	Times to be arranged			—	—	—
92	Mathematics, Applied— 1st Course—Lectures	11	—	11	—	11	—
93	2nd Course—Lectures	Times to be arranged			—	—	—
95	Mathematics, Honours ...	Times to be arranged					
101	Physics— I.—Lectures	9	—	9	—	9	—
	Practical... ...	11-1	10-11	—	10-12	—	11-12
102	II.—Lectures	—	12	—	12	12	—
	Practical	2-5	2-5	—	—	2-5	—
104	III.—Lectures	4	4	—	4	—	—
	Practical	—	—	—	—	All day	9-12
108	Honours	Times to be arranged					
	Physiology and Biochemistry—						
171	2nd Year—Lectures ...	10	—	10	—	10	—
	Practical ...	2-5	—	—	—	2-5	—
171	3rd Year—Lectures	10	—	10	—	10	—
	Practical ...	2-5	—	—	—	2-5	—
	Surveying	See under Faculty of Applied Science					
	Zoology—						
161	I.—Lectures	—	—	12	—	12	—
	Practical	—	2-5	—	—	2-5	—
162	II.—Lectures	—	12	—	12	—	—
	Practical	—	2-5	—	2-5	—	—
162	III.—Lectures	12	12	—	12	—	—
	Practical	Morning	All day	—	All day	—	—

TIME-TABLES FOR 1933.

NIGHT LECTURES:
FACULTIES OF ARTS AND SCIENCE.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.
111	Chemistry I.—Lectures ...	6.15	—	6.15	—	6.15
	Practical ...	7.15-9.15	—	7.15-9.15	—	7.15-9.15
51	Economics I.	—	6.20	—	6.15	—
55	Economic History	6.15	—	6.15	—	—
76	Education	—	7.15	—	7.15	—
16	English Language and Literature Course A	7.15	—	7.15	—	—
18	English Language and Literature Course C	8.15	—	8.15	—	—
26	French I.	7.15	—	7.15	—	—
27	French II	6.15	—	6.15	—	—
	Oral French	See time-table for day students				
59	Geography	5.15	—	5.15	—	—
141	Geology I.—Lectures ...	—	7.15	—	—	7 15
	Practical ...	—	8.15-9.15	—	—	8.15 9.15
	History, Modern—					
41	British History A. ..	—	7.15	—	7.15	—
43	British History C. ...	—	8.15	—	8.15	—
5, 6	Latin I. and II.	7.15-9.15	—	—	7.15-9.15	—
62	Logic	—	8.15	—	8.15	—
86	Pure Mathematics I. ...	6.15	—	6.15	—	6 15
87	Pure Mathematics II. ...	7.15	—	7.15	—	7.15
101	Physics I.—Lectures	6.15	—	6.15	—	6.15
	Practical ...	7.15-8.15	—	7.15-9.15	—	—
61	Psychology	—	6.15	—	6-15	—

TIME-TABLES FOR 1933.

FACULTY OF APPLIED SCIENCE

FIRST YEAR, ENGINEERING COURSES.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
112	Chemistry I.* (1st and 2nd Terms only)—Lectures ...	...	9	...	9	...	9
	Practical ...	..	2-5	...	...	2-5	...
230	Drawing I.	2-4	...	2-4	..	...	...
248	Fitting and Turning I. ...	...	11-1	...	11-1	2-5 3rd T	...
86	Mathematics. Pure, I. ...	10	..	10	...	10	...
256	Mechanical Engineering I.	..	...	...	2	12	...
101	Physics I.—Lectures ..	9	...	9	...	9	...
	Practical ...	11-1	10-11	...	10-12	...	11-12

* Mining and Metallurgical students attend for the full three Terms.

FACULTY OF APPLIED SCIENCE.

201	Applied Mechanics II. ...	..	7.15 9	...	...	...	...
211	Architectural Construction and Practice I. and II. ..	To be arranged					
203	Assaying I.	..	...	2-5	...	2-5	...
204	II. (Metallurgy)	9-11 ; 2-5.15	2-5.15	2-5.15	...	2-5.15	..
205	II. (Mining) ...	...	1.30-5.30	...	...	1.30-5.30	...
206	III.	9-1, 2-5	12-5	...	..	...	...
219	Building Construction I. .	...	...	...	5.15	...	..
112	Chemistry I.* (1st and 2nd Terms only)—Lectures .	.	9	..	9	...	9
	Practical	...	2-5	...	..	2 5	...
	Chemistry II. (Inorganic)—	...					
113	Lectures	...	9	...	9	...	...
114	Practical	..	12-5	...	12-5	...	...
221	Civil Engineering I.—						
	Lectures	10	...	...	...	10	...
	Practical	...	2-5	...	...	...	...
223	" " II.—						
	Lectures	12	...	12	...	...	...
	Practical	2-5	...	...			
230	Drawing I.	2-4	...	2-4	...	..	...
231	II.	2-5	10-12	9-12	...	...	..
241	Electrical Engineering I. ...	..	..		11-1	...	...
242	II. Lectures	9	9	9	...	10	...
	II. Practical	10-5	10-5	...	...	11-5	...
245	Engineering Finance (1st and 2nd Terms) ..	.	..	...	...	9	...
248	Fitting and Turning I. ..	...	11-1	...	11-1	2-5 3rd T	...
249	II. ...	...	...	...	...	2-5	...
250	III. ...	...	9-1	..	...	...	...

* Mining and Metallurgical students attend for the full three Terms.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
141	Geology I.—Lectures ...	..	...	11	..	11	...
	Practical ...	11	...	12	...	10	..
143	II.—Lectures ..	..	10	...	10	...	...
	Practical ...	10	11	...	...	..	...
145	Mining Geology—one Term	Times to be arranged					
224	Hydraulics—(two terms) ...	...	...	12	.	...	...
253	Machine Design I.	...	...	...	7.15-9	...	...
254	II.	...	...	By arrangement			
86	Mathematics, Pure, I. ...	10	...	10	...	10	...
88	II. ...	9	...	9	...	9	...
92	Applied, I. ...	11	...	11	...	11	...
256	Mechanical Engineering I.	...	..	12	...	12	...
257	* II.—Lectures	12	. .	...	10	...	...
	Practical—2nd and 3rd Terms ...	2-5	...	...	...	...	...
258	* III.	9	...	...	9	...	. .
259	IV.—Lectures	9	..	...	...	...	...
	Practical	...	...	2-5	...	...	...
265	Metallography	...	To be arranged				
261	Metallurgy I.	...	...	12	...	12	...
262	II.	9	...	...	11	10	...
263	III.—Lectures ...	...	...	9	...	...	...
	Practical ...	...	...	2-5	...	...	...
267	Mining I	...	10	...	...	...	...
268	II	...	...	10	..	10	...
269	III.—Lectures ...	11	...	...	...	11	...
	Practical ..	2-6	...	.	...	...	...
270	Oredressing.—Lectures ...	...	...	9	...	...	...
	Practical ...	...	...	...	2 5	...	...
101	Physics I.—Lectures ...	9	...	9	...	9	...
	Practical ...	11-1	10-11	...	10-12	...	11-12
103	II.—Lectures ...	...	...	...	...	...	...
	Short Course (B.E. except Electrical)	...	12	..	12	...	...
	Practical ...	2-5	2-5	...	...	...	..
104	III.—Lectures ...	4	4	...	4	...	...
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