

CALENDAR

OF THE

UNIVERSITY OF ADELAIDE

FOR THE YEAR

1921.

ADELAIDE :

W. K. THOMAS & Co., PRINTERS, GRENFELL STREET.

1921.

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N O T I C E.

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 and Details of Subjects of the B.A. and B.Sc. Degrees, and of the Diploma Courses in Applied Science and in Commerce.
4. Degree Examination Papers for 1920

P R E F A C E .

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 recognised 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, Science, Law, Medicine, Engineering, and Music, and Diplomas in Commerce, Music, and various branches of Applied Science. It was the first University in Australia to grant degrees to women (as authorised by Act of Parliament in 1880), or Degrees in Science.

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 and Economics.
- (3) Modern History and English Language and Literature.
- (4) Engineering
- (5) Physics, (6) Anatomy, (7) Physiology.
- (8) Chemistry, (9) Botany, (10) Law, (11) Music, and
(12) Pathology, (13) Mathematics, (14) Geology and Mineralogy.

The academical work of the University was commenced in March, 1876, the number of matriculated students being 8, and of non-graduating students attending lectures 52. 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 gift, free of succession duty, is subject to the life tenancy of Mr. and Mrs. Waite. 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, will eventually be utilised 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 carried with them the benefit of a new issue of bonus shares to the number of 980, making the total shares 5,880.

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 offer was gratefully accepted, and steps were at once taken for the erection of the building.

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 increased the endowment for the Research Scholarship by £100, in 1920:

In 1920 the sum of £50 was received from the North Adelaide Congregational Church for the purpose of providing a memorial to the Rev. Jas. Jeffries, LL.D., who was closely associated with the University from its foundation until his death in 1918.

Commercial courses were instituted in 1902, and a Diploma is granted. All lectures in Commerce are held in the evening. The central position of the University enables its students—notably those in Law—to find employment in the City and attend lectures after office hours. It has never imposed any residential qualification, and there is no residential College.

The Training College for State School Teachers has practically been transferred to the University, which now provides for students in training, without fee, lectures in all but the professional, or practical, subjects of their work.

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 of the University.

The number of graduates admitted by examination since the establishment of the University is 1,150, and the number admitted *ad eundem gradum*, 345. The number of undergraduates in 1920 was 736 (exclusive of 23 graduates in arts proceeding to the M.A. degree), and of non-graduating students, 541. The number of those studying at the Elder Conservatorium was 528. The teaching staff of the University comprises 14 Professors and 41 Lecturers, and that of the Elder Conservatorium 19 Teachers.

The University conducts Public Examinations—irrespective of those for its own Degrees—graded thus:—Primary, Junior, Senior, and Higher In Commerce, Junior and Senior. In Music (in conjunction with the other Australian Universities and the State Conservatorium of Music of New South Wales), several grades in both Practice and Theory.

Facilities for Examinations have been extended to the country, and local centres with permanent Committees have been formed for the various Public Examinations at some 40 towns in South Australia, and also at Broken Hill. Extension Lectures are also given at various country centres as well as at the University.

1921.

JANUARY XXXI.

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

FEBRUARY XXVIII.

1921.

TU	1	Hospital First Term begins.
W	2	
TH	3	
F	4	
S	5	
S	6	Last day of entry for the L.L.B. and Supplementary Examinations in March.
M	7	
TU	8	School of Mines First Term begins.
	9	
TH	10	
F	11	
S	12	
S	13	Special Senior Public Examination begins.
M	14	
TU	15	Education Committee meets.
W	16	
TH	17	
F	18	
S	19	
S	20	Finance Committee meets. All students to enter upon their courses and pay fees by this date.
M.	21	
TU	22	
W	23	Council Meeting.
TH	24	
F	25	
S	26	
S	27	Conservatorium First Term begins. Last day of entry for Evening Studentships.
M	28	

1921.

MARCH XXXI.

Tu	1	
W	2	
Th	3	
F	4	
S	5	
S	6	
M	7	Long vacation ends.
Tu	8	First Term begins. LL.B. and Supplementary Examinations begin.
W	9	
Th	10	
F	11	
S	12	Last day for sending to Clerk notices of motion for meeting of Senate on March 23rd.
S	13	
M	14	Lectures begin.
Tu	15	
W	16	
Th	17	
F	18	Education Committee meets.
S	19	
S	20	
M	21	Finance Committee meets.
Tu	22	
W	23	Senate Meeting.
Th	24	
F	25	Good Friday. Easter recess begins.
S	26	
S	27	Easter Day.
M	28	Easter Monday.
Tu	29	Easter recess ends.
W	30	Council Meeting. Lectures resumed. Last day of entry for Public Examinations in Music to be held in April.
Th	31	

APRIL XXX.

1921.

F	1	
S	2	
S	3	
M	4	
TU	5	
W	6	
T	7	
F	8	
S	9	
S	10	
M	11	
TU	12	
W	13	
TH	14	
F	15	
S	16	
S	17	
M	18	
TU	19	
W	20	
TH	21	
F	22	Education Committee meets.
S	23	
S	24	
M	25	Finance Committee meets.
TU	26	
W	27	Public Examinations in Theory of Music.
TH	28	
F	29	Council Meeting.
S	30	Conservatorium First Term ends.

1921.

MAY XXXI.

S	1	Public Examinations in Practice of Music begin.
M	2	
TU	3	
W	4	
TH	5	
F	6	
S	7	
S	8	Public Holiday—Accession King George. Conservatorium Second Term begins.
M	9	
TU	10	First Term and Lectures end.
W	11	
TH	12	
F	13	
S	14	
S	15		Education Committee meets.
M	16	
T	17	
W	18	
TH	19	
F	20	
S	21	
S	22	Finance Committee meet.
M	23	
TU	24	Council Meeting.
W	25	
TH	26	
F	27	
S	28	
S	29		Second Term begins. Lectures resumed.
M	30	
TU	31	

JUNE XXX.

1921.

W	1	Last day of entry for the Angas Engineering Scholarship. King George V. born, 1865.
TH	2	
F	3	
S	4	
S	5	Public Holiday. King George's Birthday celebration.
M	6	
TU	7	
W	8	
TH	9	
F	10	
S	11	
S	12	Education Committee meets.
M	13	
TU	14	
W	15	
TH	16	
F	17	
S	18	
S	19	Finance Committee meets.
M	20	
TU	21	Prince of Wales born, 1894. Council Meeting.
W	22	
TH	23	
F	24	
S	25	
S	26	Public Holiday—Prince of Wales' Birthday celebration.
M	27	
TU	28	
W	29	
TH	30	

1921.

JULY XXXI.

F	1	
S	2	
S	3	
M	4	
Tu	5	Last Day of Entry for the Primary Public Examination.
W	6	
Th	7	
F	8	
S	9	Conservatorium Second Term ends.
S	10	
M	11	
Tu	12	
W	13	
Th	14	
F	15	
S	16	Last day for sending to Clerk notices of motion for Senate Meeting on July 27th.
S	17	
M	18	Conservatorium Third Term begins.
Tu	19	
W	20	
Th	21	
F	22	Education Committee meets.
S	23	
S	24	
M	25	Finance Committee meets.
Tu	26	
W	27	Senate Meeting.
Th	28	
F	29	Council Meeting.
S	30	
S	31	

AUGUST XXXI.

1921.

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

1921.

SEPTEMBER XXX.

TH	1	
F	2	
S	3	
S	4	
M	5	
TU	6	
W	7	
TH	8	
F	9	
S	10	
S	11	
M	12	
TU	13	
W	14	
TH	15	
F	16	
S	17	Conservatorium Third Term ends.
S	18	
M	19	Public Examinations in Practice of Music begin.
TU	20	
W	21	
TH	22	
F	23	Education Committee meets.
S	24	
S	25	
M	26	Finance Committee meets.
TU	27	
W	28	Public Examinations in Theory of Music.
TH	29	
F	30	Council Meeting. Last day for sending in exercises for the Mus. Bac. degree.

		OCTOBER XXXI.	1921.
S	1	Last day of entry for the Junior, Senior, and Higher Public, the Junior and Senior Commercial, and the Angas Engineering Exhibition Examinations, to be held in November.	
S	2	Conservatorium Fourth Term begins. Last day of entry for Degree, Diploma, and Scholarships Examinations to be held in November.	
M	3		
Tu	4		
W	5		
Th	6		
F	7		
S	8		
S	9	Public Holiday (Eight Hours' Day). Meeting of the University to elect representatives on the Board of Governors of the Public Library, etc.	
M	10		
Tu	11		
W	12		
Th	13		
F	14		
S	15		
S	16	Lectures end. Education Committee meets.	
M	17		
Tu	18		
W	19		
Th	20		
F	21		
S	22		
S	23	Finance Committee meets.	
M	24	Medical Students cease attendance in the Hospital Wards.	
Tu	25		
W	26		
Th	27		
F	28		
S	29	Council Meeting.	
S	30		
M	31		

1921.

NOVEMBER XXX.

TU	1	Last day of entry for the John L. Young Scholarship for Research.	
W	2		
TH	3		
F	4		
S	5		
S	6	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 on November 23rd.	
M	7		
TU	8		
W	9		
TH	10		
F	11		
S	12		
S	13	Public Examinations and Angas Engineering Exhibition Examination begin.	
M	14		
TU	15		
W	16		
TH	17		
F	18		
S	19		
S	20		Finance Committee meets.
M	21		
TU	22	Senate meeting. Election of Members of Council, and of Warden and Clerk.	
W	23		
TH	24		
F	25		
	26		
	26		
S	27	Council Meeting.	
M	28		
TU	29		
W	30		

DECEMBER XXXI.		1921.
TH	1	
F	2	
S	3	
S	4	
M	5	
TU	6	
W	7	
TH	8	
F	9	Education Committee meets.
S	10	Conservatorium Fourth Term ends.
S	11	
M	12	Finance Committee meets.
TU	13	Third Term ends.
W	14	
TH	15	
F	16	Council Meeting.
S	17	
S	18	
M	19	
TU	20	
W	21	
TH	22	
F	23	
S	24	
S	25	Christmas Day.
M	26	
TU	27	
W	28	Public Holiday. Anniversary of Proclamation of South Australia, 1836.
TH	29	
F	30	
S	31	

The University of Adelaide.

1921.

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 25th February, 1916.

Vice-Chancellor.

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. Elected for the first time 16th March, 1916 Date of last election, 30th November, 1917.

The Council.

THE CHANCELLOR. A member since 1891.

THE VICE-CHANCELLOR. A member since 1896. Date of last election, 28th November, 1917.

WILLIAM REYNOLDS BAYLY, B.A., B.Sc. A member since 1915. Date of last election 27th November, 1918.

THE HON SIR JOHN LANGDON BONYTHON, K.C.M.G. Elected for the first time, 26th July, 1916. Date of last election, 26th November, 1919.

SIR GEORGE BROOKMAN, J.P. A member since 1901. Date of last election, 26th November, 1919.

THOMAS AINSLIE CATERER, B.A. Elected for the first time, 28th November 1917.

PROFESSOR ROBERT WILLIAM CHAPMAN, M.A., B.C.E. Elected for the first time, 26th March, 1919.

FREDERIC CHAPPLE, C.M.G., B.A., B.Sc. (Warden of the Senate). A member since 1897. Date of last election, 24th November, 1920.

JAMES RICHARD FOWLER, M.A. A member since 1901. Date of last election 27th November, 1918.

WILLIAM GEORGE TOOP GOODMAN, M.I.C.E., M.I.E.E. A member since 1913. Date of last election 24th November, 1920.

WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S. A member since 1900. Date of last election, 27th November, 1918.

FRANK SANDLAND HONE, B.A. M.B., B.S. Elected for the first time, 24th November, 1920.

WILLIAM JAMES ISBISTER, K.C., LL.B. A member since 1905. Date of last election, 26th November, 1919.

WILLIAM TAYLOR MCCOY, B.A. Elected for the first time, 24th November, 1920.

HELEN MARY MAYO, M.B., B.S. A member since 1914. Date of last election, 24th November, 1920.

THE HON. MR. JUSTICE PARSONS, K.C., LL.B. Elected for the first time 24th March, 1915. Date of last election, 26th November, 1919.

ARTHUR JAMES PERKINS. A member since 1915. Date of last election, 27th November, 1918.

PROFESSOR EDWARD HENRY RENNIE, M.A., D.Sc., Elected 1889; resigned 1898. A member since 1913. Date of last election 26th November, 1919.

SYDNEY TALBOT SMITH, M.A., LL.B. A member since 1903. Date of last election, 27th November, 1918.

SIR JOSEPH COOKE VERCO, M.D., F.R.C.S., Elected 1895: resigned 1902. Date of last election, 30th April, 1919.

Appointed by Parliament—1918—

H. B. CROSBY, M.P.

W. J. DENNY, M.P.

T. H. SMEATON, M.P.

HON. SIR J. L. STIRLING, K.C.M.G., LL.B., P.L.C.

HON. F. S. WALLIS, M.L.C.

The Senate.

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

WARDEN—FREDERIC CHAPPLE, C.M.G., B.A., B.Sc. Elected for the first time, 1883; date of last election, 24th November, 1920.

CLERK—THOMAS AINSLIE CATERER, B.A., Elected for the first time, 1888; date of last election, 24th November, 1920.

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 1888.

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, 1918.

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 CANON 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 CANON FARR, M.A., LL.D. 1880 to 1882.

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 1921.

Education Committee.

THE CHANCELLOR, CHAIRMAN.

THE VICE-CHANCELLOR (Deputy
Chairman)
MR. W. R. BAYLY
HON. SIR LANGDON BONYTHON
MR. T. A. CATERER
MR. F. CHAPPLE
MR. H. B. CROSBY
MR. J. R. FOWLER
MR. W. J. ISBISTER

MR. W. T. MCCOY
MISS H. M. MAYO
MR. A. J. PERKINS
MR. T. H. SMEATON
MR. S. TALBOT SMITH
SIR JOSEPH VERCO
THE PROFESSORS OF THE UNI-
VERSITY.

Finance Committee.

SIR GEO. BROOKMAN, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR
THE HON. SIR LANGDON BONYTHON
MR. F. CHAPPLE
MR. J. R. FOWLER
MR. W. G. T. GOODMAN
MR. W. J. ISBISTER

MR. W. T. MCCOY
THE HONBLE. MR. JUSTICE
PARSONS
MR. S. TALBOT SMITH
HON. SIR J. L. STIRLING
HON. F. S. WALLIS

Library Committee.

PROFESSOR MITCHELL, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR
SIR JOSEPH VERCO
MR. J. R. FOWLER

MR. S. TALBOT SMITH
THE PROFESSORS OF THE UNI-
VERSITY

Joint Board.

UNIVERSITY AND SCHOOL OF MINES AND INDUSTRIES.

THE CHANCELLOR, CHAIRMAN.

THE PRESIDENT SCHOOL OF MINES
AND INDUSTRIES, HON. SIR
LANGDON BONYTHON (Vice-
Chairman)
HON. D. M. CHARLESTON

HON. L. O'LOUGHLIN
PROFESSOR CHAPMAN
PROFESSOR KERR GRANT
PROFESSOR RENNIE

Extension Lectures Committee.

PROFESSOR HENDERSON, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR

THE PROFESSORS OF THE
UNIVERSITY

Faculty of Law.

PROFESSOR PHILLIPSON, DEAN.

Members *ex officio*—

THE CHANCELLOR
THE VICE-CHANCELLOR
THE HON. MR. JUSTICE POOLE
THE HON. MR. JUSTICE PARSONS

THE PROFESSOR OF CLASSICS
DEAN OF THE FACULTY OF ARTS
THE LECTURERS IN LAW

Appointed by Council—

MR. E. W. BENHAM
DR. JETHRO BROWN
MR. W. J. ISBISTER

MR. P. E. JOHNSTONE
MR. A. W. PIPEE
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G. C. LIGERTWOOD, B.A., LL.B.	{ Property, Part II.
H. MAYO, LL.B.	Evidence and Procedure
J. H. VAUGHAN, LL.B.	Law of Contracts
T. J. M. NAPIER, LL.B.	..	..	..	..	Law of Wrongs
R. N. FINLAYSON, LL.B.	..	..	..	..	Constitutional Law
A. J. HANNAN, LL.B.	..	..	..	..	Roman Law
	..	..	..	..	Private International Law

M.D. DEGREE.**THESES.**

SIR HENRY MAUDSLEY, M.D.

G. E. RENNIE, M.D.

H. SWIFT, M.D.

T. BORTHWICK, M.D.

EXAMINATION.

ROTHWELL ADAM, M.D.

G. WILSON, M.D.

M.B. DEGREE.

SIR HENRY MAUDSLEY, M.D.	.. .. .	Medicine
G. A. SYME, M.B.	.. .. .	Surgery
F. H. MEYER, M.D., B.S.	.. .. .	Gynaecology
W. H. GREEN, D.Sc.	.. .. .	Chemistry
H. SWIFT, M.D.	.. .. .	Clinical Medicine
T. G. WILSON, M.D.	.. .. .	Clinical Gynaecology
W. R. CAVENAGH-MAINWARING, M.B., B.S.	Operative Surgery

B.D.S. DEGREE.

A. J. CHAPMAN, D.D.S.	Dental Mechanics
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B.A. DEGREE.

H. W. ALLEN, M.A.	Classics (Honours)
J. F. BRUCE, M.A.	History (Honours)
W. H. GREEN, D.Sc.	Organic Chemistry
A. J. SCHULZ, M.A., PH.D.	.. .. .	German

D.SC. DEGREE.

THESES.

PROFESSOR O. MASSON, M.A., D.Sc.
PROFESSOR J. READ, M.A.
PROFESSOR H. PAYNE

B.SC. DEGREE.

PROFESSOR EWART, D.Sc., F.L.S.	.. .. .	Botany (Honours)
PROFESSOR O. MASSON, M.A., D.Sc.	Chemistry (Honours)

M.E. DEGREE.

PROFESSOR H. PAYNE	Thesis
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DIPLOMA IN APPLIED SCIENCE.

W. B. WAINWRIGHT	Mining IA. and IB.
G. D. MOORE, B.Sc.	Surveying II.
PROFESSOR PAYNE	.. .. .	{ Machine Design II. Mechanical Engineering III and IV.
A. J. HIGGIN, F.I.C.	.. .. .	Metallurgy II.
W. T. COOKE, D.Sc.	.. .. .	Assaying II.
E. J. C. RENNIE, M.E.	.. .. .	Electrical Engineering II.
H. D. JENKINSON, M.E.	Design of Structures

MUS. BAC. DEGREE.

PROFESSOR W. A. LAVER,	Exercise and Examination
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DIPLOMA OF ASSOCIATE IN MUSIC.

PROFESSOR W. A. LAVER Practical (Third Year)

EXAMINERS FOR DIPLOMA IN COMMERCE.

S. RUSSELL BOOTH, B.A. Accountancy
 J. SUTTON Banking and Exchange
 H. HEATON, M.A., M.COM. Economics
 R. J. M. CLUCAS, B.A. Commercial Geography.
 R. M. STEELE, A.C.U.A. } Business Practice
 H. FISHER }
 R. N. FINLAYSON, LL.B. Commercial Law

Officers of Local Centres.

SOUTH AUSTRALIA :

<i>Centre.</i>	<i>Chairman.</i>	<i>Secretary.</i>
Balaklava ...	K. McEwin, M.B., B.S.	Rev. T. N. Hopkins
Birdwood ...	T. Pflaum	E. A. Theel
Bordertown ...	W.A.V. Drew, M.B., B.S.	A. P. Buckerfield
Burra	—	J. E. H. Winnall
Clare	Rev. S. J. Bloyd	A. Tovey
Crystal Brook	G. Davidson, J.P.	Mark Weston
Elliston ...	Rev. A. S. Urch, B.A.	A. E. Owen
Gawler... ..	S. B. Rudall, M.P.	Alexander Milne
Gladstone ...	Dr. J. Stewart, M.A.	W. Odgers
Hallett	E. Statton	Rev. E. H. Goldney
Jamestown ...	Rev. R. A. Adams, M.A.	M. W. Judell, B.Sc.
Kadina... ..	C.E.C. Wilson, M.B., B.S.	H. K. Paine, LL.B.
Kapunda	A. Menhennet	Joseph O'Neil
Koolunga ...	E. C. W. H. Limbert	R. Lawry
Laura	W. H. Campbell	Venerable Archdeacon Nash
Maitland ...	J. Tiddy	R. W. Arrowsmith
Mannum	W. J. Webb	S. B. von Doussa
Millicent ...	W. J. Major	Miss E. K. McRostie
Moonta	T. H. Coek	T. S. Archibald

Mount Barker	Rev. J. C. Jennison	Rev. A. H. Reynolds, M. A.
Mount Gambier	F. H. Daniel	J. H. Davison
Murray Bridge	Dr. C. Macquarie	Thos. Scott
Narracoorte ...	Dr. Macmillan]	A. C. DeGaris
Peterborough...	G. Phillips	Rev. A. H. Melbourne
Port Augusta ...	J. Roberts	Jas. Holdsworth
Port Lincoln ...	R. A. Goode	J. S. Shepherd
Port Pirie ...	H. Chester, J.P.	Rev. T. D. Webb
Quorn ...	C. Rankine	G. R. Cobbin
Renmark ...	Rev. O. Snell	Rev. A. E. Francis
Riverton ...	Dr. Glynn	Mrs. W. Legoe
Strathalbyn ...	E. J. Tucker	Mrs. E. J. Tucker
Streaky Bay ..	Rev. Canon W. H. Howard	H. A. Betts
Tanunda ...	W. E. Heuzenroeder, LL.B.	C. A. Pollitt
Tumby Bay ...	Rev. J. Stansfield, B.A.	Dr. B. W. Wibberley
Victor Harbour	Dr. F. J. Douglas	C. J. Shipway
Wilmington	C. T. Tuckwell	Rev. J. C. Rae, M.A.
Yankalilla ...	S. M. Verco, M.B., B.S.	Rev. A. Stokes, B.A.
Yorketown ...	W. B. Goldsworthy	Miss Mary Degidan

NEW SOUTH WALES.

Broken Hill ...	P. D. Riddell	E. H. Cropley
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**On the Board of Governors of the Public Library, Museum,
and Art Gallery.**

PROFESSOR GEORGE COCKBURN HENDERSON, M.A. } Elected 21th October,
WILLIAM JAMES ISBISTER, K.C., LL.B. } 1920.

On the Board of Management of the Adelaide Hospital

WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S. Elected
February, 1915. Resigned 27th August 1915. Re-elected February, 1920.

BENEFACTIONS

BESTOWED BY PRIVATE PERSONS.

Endowments.

Date.	Donor.	Amount.	Object.
		£	
1872	Sir W. W. Hughes ..	20,000	Endowment of Chairs in Classics and English Literature.
1874	Sir Thos. Elder ..	20,000	Endowment of Chairs in Mathematics and Natural Science.
1875-6	Public Subscriptions ..	600 3 0	For general purposes.
1878	Hon. J. H. Angus ..	4,000	To found an Engineering Scholarship.
1879	South Australian Commercial Travellers' Association	150	To found a Scholarship (Commercial Travellers).
1880	Public Subscriptions ..	500	To found Scholarships for English Literature in Memory of John Howard Clark.
1883	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. Angus ..	6,000	Endowment of a Chair of Chemistry.
1884-89	Sir Thos. Elder ..	1,500 }	In support of Chair of Music.
"	Private Subscriptions ..	1,150 }	
1884	Sir Thos. Elder ..	1,000 }	Endowment of Evening Classes.
"	Literary Societies' Union	220 }	
1886	Public Subscriptions ..	800 }	Endowment of Lectureship on Ophthalmic Surgery in Memory of Dr. Chas. Gosse.
1916		325 }	
1888-89	Sir Thos. Elder ..	1,000	To enable the Council to establish full Medical curriculum.
1890	W. Everard, Esq. ..	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.
1896	Public Subscriptions ..	160	To found a Scholarship in Memory of the Rev. W. Roby Fletcher.
1896	Mrs. Davies Thomas ..	400	To found Scholarships in Memory of Dr. John Davies Thomas.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Medicine.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Music.
1897	Sir Thos. Elder ..	25,000	Endowment for general purposes.
1898	Public Subscriptions ..	600	To found Student-ships in Memory of John Anderson Hartley.
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 2 6	To provide for the Robert Whinham prize for Elocution
1902	Public Subscriptions ...	473 1 3	Endowment of Lectureship on Gynaecology in memory of Dr. Edward Willis Way.
1902	Public Subscriptions ...	60 0 0	To provide a Medal for Geological work in memory of Professor Ralph Tate.
1903	Joseph Fisher, Esq. ..	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, Esq. ...	9,000	For purchase of books for University Library.
1907	G. J. R. Murray, Esq., K.C., B.A., LL.B.	1,000	To found a Scholarship (The Tinline Scholarship for History)
1907-9	Miss Julia Stuckey } Miss E. M. Bunday, } Mus. Bac.	500 0 0 3 3 0	For the encouragement of the Study of Botany.
1908	Bequest—David Murray, Esq.	2,000	For Scholarships
1908	R. Barr Smith, Esq. ...	150	For Prizes for Greek
1908	Private Subscriptions ..	115	To provide Prizes in Latin in memory of the late Andrew Scott, B.A.
1912	Mrs. John Bagot ..	500	To provide for a John Bagot Botany Scholarship and Medal, in memory of the late John Bagot.
1912	Miss E. M. Bunday, Mus. Bac.	200	In memory of Sir Henry and Lady Bunday. To provide an annual prize for English verse.

Date.	Donor.	Amount.	Object.
		£	
1913	Creswell Memorial Committee	1,300	To provide Scholarship in the Commercial Course, in memory of the late John Creswell.
1914	Public Schools Decoration and Floral Societies	255	In memory of the late Alexander Clark. To provide a prize to enable students to enter the Elder Conservatorium.
1914	Anonymous Donor	100	To provide a "Lister" prize for award biennially for original thesis, open to competition by graduates in Medicine.
1914	Peter Waite, Esq. ..	Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, subject to life interests of Mr. and Mrs. Peter Waite	To advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
1915		Estate of Claremont and part of Netherby, comprising 165 acres, adjoining Urrbrae	
1918		Transferred to University 5,850 Shares in Elder, Smith & Co. Ltd.	To provide funds to enable University to utilize the land for the purposes intended.
1915	Bequest — J. Harvey Finlayson	200	To provide Scholarship in Political Economy or cognate subject in memory of late John Lorenzo Young.
	Subscriptions—Old Scholars	800	To provide Research Scholarship in memory of late John L. Young.
	Sir Edwin Smith	500	To provide Scholarship in memory of grandson, Eric Wilkes Smith, mortally wounded at the Dardanelles.
	S.A. Commercial Travellers' Association ..	100	To provide Bursary in Commercial Course in memory of late Archibald Mackie.
1916— 20	Bequest—Sir S. J. Way	1,050 First and second payments	
1917	Public Subscriptions ..	740	To provide Scholarships in memory of late Eugene Alderman.
1918	Mrs. A. M. Simpson ..	500	To provide a Library in Aeronautics in memory of her late husband—Alfred Muller Simpson.
1919	Bequest	1,236	To provide Research Scholarships in Botany or Forestry.

Date.	Donor.	Amount.	Object.
		£	
1920	Family of late R. Barr Smith	11,000	Endowment for University Library.
	Private Subscriptions	7,000	Animal Products Research Founda- tion
	North Adelaide Congregational Church —Subscriptions	50	To provide a Medal in memory of Rev. Dr. Jefferis.

Donations.

Date.	Donor.	Amount.	Object.
		£	
1879 } 1882 }	The Right Hon. Sir S. J. Way, Bart. ..	500 0 0	For University Buildings.
1882-96	Sir Thos. Elder ..	269 0 0	Prizes for Physiology.
1903 } 1907 }	R. Barr Smith, Esq. ...	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
1903-14	John Shiels, Esq. ...	5 5 0	Ditto
1905-19	Pharmaceutical Society of South Australia ..	102 18 0	General purposes
1909-18	British Medical Associa- tion (S.A. Branch) ..	500 0 0	For purchase of books.
1911	Anonymous Donor ..	500 0 0	For the Lowrie Scholarship in Agri- culture
1913-19	G. Brookman, Esq.	20 0 0 p. n.	For a Scholarship in the Elder Con- servatorium.

PAST AND PRESENT GRADUATES.

HIS MAJESTY KING GEORGE V. 1901, D.C.L., Oxford LL.D.
LL. D., Cambridge (1894)

HIS ROYAL HIGHNESS EDWARD
ALBERT CHRISTIAN GEORGE
ANDREW PATRICK DAVID,
PRINCE OF WALES 1920, D.C.L., Oxford LL.D.

A.

<i>Name.</i>	<i>Date.</i>	<i>University.</i>	<i>Degres.</i>
ABBOTT, Charles Arthur Hillas	{ 1911		B.A.
Lempriere	{ 1914		LL.B.
ABBOTT, Nigel Basil Gresley ..	1916		M.B., B.S.
ADAMS, Alfred John	1900	Cambridge (1899) .	M.A.
ADAMS, Reginald Arthur	1901	Cambridge (1901) ..	M.A.
ADDISON, Stanley Simpson .. .	1903		B.Sc.
AKHURST, Adrian	1903		LL.B.
ALLEN, Edgar	1913		M.A.
ALLEN, Eleanor Alice	1914		B.A.
ALLEN, Sir Harry Brookes .. .	1914	Edinburgh (1912) ..	LL.D.
* ALLEN, James Bernard	{ 1891		B.Sc.
	{ 1911		B.A.
ALLEN, John Howard	1910		B.Sc.
ALLEN, Lois Waveney	1913		B.A.
† ALTMANN, Arthur Richard	1920		B.E.
ALTMANN, Charles August	1883	Melbourne (1883) ..	M.B.
AMBROSE, Ethel Mary Murray ..	1903		M.B., B.S.
* ANDERSON, James Robert	1884		LL.B.
ANDERSON, Marjory	1915		B.A.
† ANDERSON, William Moffat	1920		B.E.
ANDREWS, Richard Bullock .. .	{ 1887		B.A.
	{ 1891		LL.B.
ANGUS, William	1905	Aberdeen (1900) ..	B.Sc.
ANGWIN, Hugh Thomas Moffitt ..	1913	B.Sc., 1910, surren- dered for B.E., 1913	B.E.
* ANGWIN, Thomas Britton	1910	Melbourne (1880) ..	M.A.
ANGWIN, William Britton	1909		B.Sc.
ANNELLS, William Charles	1899		M.A.

* Deceased.

† Not yet Members of Senate.

NOTE.—This List does not contain the names of enemy graduates.

BEARE, Thomas Hudson	{ 1887 1914	London (1889)	B.A. B.Sc.
BEGG, Reginald Haussen	1918	B.Sc., 1911, surren- dered for B.E., 1918	B.E.
BELL, Arthur Hammond	1908		B.A.
* BELL, Willoughby George	1901		B.Sc.
* BENDOW, John	1895		B.A.
BENHAM, Edward Warner	1891		LL.B.
* BENHAM, Ellen Ida	1892		B.Sc.
BENHAM, Frederick Lucas	1901	London (1881)	M.D.
BENHAM, Rosamond Agnes	1902		M.B., B.S.
BENNETT, Frederick Norman	1905		B.A.
† BENNETT, Norman Robertson	1919		M.B., B.S.
BENNETT, Richard William	1901		LL.B.
BENSLEY, Edward von Blomberg	1895	Cambridge (1889)	M.A.
† BERRIMAN, Annie Stevens	1919		B.A.
BERRIMAN, Robert Harrold	1919	B.Sc. 1915, surren- dered for B.E., 1919	B.E.
BERRY, Frances Winifred	1919		M.A.
† BERRY, Philip Alan	1919		B.Sc.
BETTS, Lionel Oxborrow	1907		M.B., B.S.
* BEVAN, Llewelyn David	1915	London (1866)	LL.B.
BICKERSTETH, Kenneth Julian Faithful	1920	Oxford (1920)	M.A.
BILLINGHURST, Harry	1904		B.A.
† BILLS, James	1920		B.A.
BIRCH, John Bright	1915		M.B., B.S.
BIRKS, Lawrence	1894		B.Sc.
BIRKS, Melville	1903		M.B., B.S.
BIRKS, Walter Richard	1910		B.Sc.
BLACK, Eustace Couper	1910		M.B., B.S.
BLACK, Geoffrey Howard Barham	1916		M.B., B.S.
BLACKBURN, Arthur Seaforth	1913		LL.B.
BLACKBURN, Charles Bickerton	1893		B.A.
BLACKBURN, John Stewart	1914		B.A.
BLACKNEY, Samuel	1891	Toronto (1891)	M.B.
BLAIR, Euphemia Theodosia	1916		M.A.
* BLOXAM, Charles a'Court	1891		LL.B.
BOAS, Isaac Herbert	1899		B.Sc.
* BÖER, Adolf Oswald	1911		M.B., B.S.
BOLLEN, Christopher	1894	Toronto (1891)	M.D.
BOLLEN, Percival	1899	Toronto (1899)	M.D.
† BOLLEN, Kenneth Willoughby	1918		M.B., B.S.
BONNIN, James Atkinson	1895		M.B., B.S.
BOOTH, Sydney Russell	1910	Cambridge (1901)	B.A.
BOOTHBY, Charles Brinsley	1886		LL.B.

* Deceased.

† Not yet Members of Senate

* BOOTHBY, William Robinson ..	1877	London (1850)	B.A.
BORTHWICK, Ernest Lincoln ..	1902	Edinburgh (1897) ..	M.B., C.M.
BORTHWICK, Thomas	1892	Edinburgh (1891) ..	M.D.
BOSWORTH, Richard Leslie Eugene	1901		B.Sc.
* BOULGER, Edward Vaughan .. .	1884	Dublin (1872)	M.A.
BOWEN, Harold Charles	1906		B.Sc.
BOWYEAR, George John Shirreff ..	1882	Cambridge (1871) ..	B.A.
BOYER, Gertrude Mary	1912		B.A.
BRADY, Albert Edward	1905		M.B., B.S.
BRAGG, Sir William Henry	1888	Cambridge (1888)	M.A.
BRAGG, William Lawrence	1908		B.A.
BRAUER, Herman Gustav Adolph	1905	Wisconsin (1899) ..	M.A.
BRAY, Gildart Harvey	1891	Aberdeen (1890) ..	M.A.
BRAY, Marmion Matthews	1907		LL.B.
† BREBNER, Charles Cave	1918		LL.B.
BROADBENT, Eric Eifhu	1917		M.B., B.S.
† BROADBENT, Harold Walter	1919		M.B., B.S.
BROADBENT, (née Chapple) Marian	1894		B.A.
BRONNER, Rudolph	1912		B.A.
BROOKMAN, John Ragless	1913		B.E.
BROOKS, Albert Joseph	1904		B.A.
BROSE, Henry Herman Leopold Adolph	1910		B.Sc.
BROWN, Arthur Cubitt	1914	B.Sc., 1911, surren- dered for B.E., 1914	B.E.
BROWN, Ernest William	1914	Cambridge (1897) ..	D.Sc.
BROWN, Frederick George	f 1906 1910	London (1898)	B.A. B.Sc.
† BROWN, Henry	1920		B.A.
BROWN, James Watson	f 1893 1898		B.Sc. LL.B.
BROWN, Mary Home	1902		B.Sc.
† BROWNE, Philip	1920		B.A.
BROWN, William Jethro	1906	Cambridge (1906) ..	LL.D.
BROWNE, John Walter	1908	Royal Ireland (1900)	M.B., B.S.
BROWNE, Thomas John	1917		LL.D.
BRUMMITT, Robert Douglas	1905		M.B., B.S.
BRYCE, the Right Honourable Vis- count James	1912	Oxford, D.C.L. (1870)	LL.D.
* BUNDEY, Ellen Milne	1900		Mus. Bac.
* BURDEN, Clive Britten	1916		M.B., B.S.
BURDON, Roy Stanley	1916		B.Sc.
BURGESS, Annie Frances	1909		B.A.
BURGESS, Frederick Martin	1915		B.A.
BURGESS, Leslie Frank	1908		B.Sc.

* Deceased

† Not yet Members of Senate.

BURGESS, May	1899		B.Sc.
BURGESS, Thomas Martin	1888		B.A.
BURNELL, Glen Howard	{ 1916		M.B., B.S.
	{ 1920		M.D.
BURNELL, Reginald George	1905		B.A.
* BURNARD, Eulalie Hardy Hanton	1905		M.B., B.S.
BURNARD, Renfrey Gershom	1904		M.B., B.S.
BURNS, Leonard James	1917		L.L.B.
† BURNS, William Middleton	1920		L.L.B.
* BURTT, Thomas	1877	Cambridge (1855) ..	M.A.
BUTLER, Frederick Stanley	1893		M.A.
† BUTTROSE, Ian	1918		L.L.B.
BUXTON, Sir Thomas Fowell	1895	Cambridge (1859) ..	M.A.
BYARD, Douglas John	1889	Oxford (1882)	B.A.

C.

CAIRNS, Hugh William Bell	1917		M.B., B.S.
* CAMPBELL, Allan James	1899		M.B., B.S.
CAMPBELL, Archibald Way	1896		M.B., B.S.
CAMPBELL, Colin Arthur Fitz- gerald	1889	Cambridge (1889) ..	M.A.
CAMPBELL, Donald	1911		L.L.B.
CAMPBELL, Florence Way	1897		Mus. Bac.
CAMPBELL, Gordon Cathcart	{ 1906		B.A.
	{ 1909		L.L.B.
CAMPBELL, James Way	{ 1903		B.A.
	{ 1905		L.L.B.
CAMPBELL, Jessie	1908		B.A.
CANNEY, Richard Francis	1917		B.A.
CARNE, Alfred George	1912		B.A.
CARR, Emma Lucy	1917		P.A.
* CARR, Whitmore	1877	Dublin (1848)	M.A.
† CARTER, Ida Jane	1918		B.A.
CATCHLOVE, Sydney George Ley- land	1907		M.B., B.S.
CATERER, Thomas Ainslie (Clerk of the Senate)	1879		P.A.
CAVENAGH-MAINWARING, Went- worth Rowland	1892		M.B., B.S.
CAW, Alexander, Ruan	1902		M.B., B.S.
CHAPMAN, Henry George	1901	Melbourne (1899) ..	M.B.
CHAPMAN, Robert Hall	1913	B.Sc., 1910, surren- dered for B.E., 1913	D.E.
CHAPMAN, Robert William	1889	Melbourne (1888) ..	M.A.
CHAPPLE, Alfred	1894		B.Sc.
CHAPPLE, Ernest	1903		B.Sc.

* Deceased.

† Not yet Members of Senate.

CHAPPLE, Frederic (Warden of the Senate)	1877	London (1870)	B.A.	
CHAPPLE, Frederic John	{ 1891		B.Sc.	
	{ 1898	Melbourne (1897)	M.B.,	Ch.D.
CHAPPLE, Harold	1900		B.Sc.	
CHAPPLE, Phoebe	{ 1898		B.Sc.	
	{ 1904		M.B.,	B.S.
CHARLESWORTH, Thomas William	1877	Cambridge (1845)	M.A.	
CHERRY, Percival Thomas Spower	1908		M.B.,	B.S.
CHIGNELL, Arthur Kent	1900		B.A.	
* CHURCHWARD, Samuel	1877	London (1873)	B.A.	
CHURCHWARD, Spencer	1903		M.A.	
CHURCHWARD, Stella Mary	1904		B.Sc.	
† CILENTO, Raphael West	1918		M.B.,	B.S.
CLARE, Dorothy Cotgrave	1912		E.A.	
CLARK, Archie Septimus	1930		B.Sc.	
* CLARK, Annie Millicent	1904		B.A.	
CLARK, Caroline	1901		M.A.	
CLARK, Edward Vincent	1895		D.Sc.	
CLARK, Percy John	1907		B.A.	
CLAYTON, Arthur Ross	1902		M.B.,	B.S.
CLELAND, Edward Erskine	1890		LL.B.	
CLELAND, John Burton	1902	Melbourne (1902)	M.D.	
CLELAND, William Lauder	1913	B.Sc., 1904, surrendered for 1913	B.E.	
* CLELAND, William Lennox	1880	Edinburgh (1876)	M.B.	
CLOSE, Walter John Westcott .. .	1913		M.B.,	B.S.
CLUCAS, Robert John Miller	1908		B.A.	
COCKBURN, Sir John Alexander .. .	1877	London (1874)	M.D.	
COCKBURN, Patrick	1914		M.B.,	B.S.
COGHILL, Donald Murray Robertson	1906	Melbourne (1892)	M.A.	
COLE, Cyril Richard	1914		B.Sc.	
COLEBATCH, Walter John	1906	Edinburgh (1903)	B.Sc.	
COLEMAN, Arthur Philemon	1914	Victoria University, Canada (1880)	M.A.	
COLES, Mignonette	1912		B.A.	
COLLINS, Marjorie Isabel	1918	Sydney (1916)	B.Sc.	
† COLLINS, William Kendall	1918		M.B.,	B.S.
COLLISON, Edith	1900		B.Sc.	
COLVIN, Bazett David	1898	Cambridge (1864)	M.A.	
COLVILLE, Arthur Landseer	1905		J.L.B.	
COLVILLE, John	1901		P.A.	
COMLEY, Charles Herbert	{ 1906		M.A.	
	{ 1910		B.Sc.	
CONNOR, Julian Dove	1900		B.Sc.	

* Deceased.

† Not yet Members of Senate

CONYBEARE, William James	1895	Cambridge (1894)	B.A.
COOKE, Florence Emmeline	1900		Mus. Bac.
COOKE, William Ernest	1889		M.A.
COOKE, William Ternent	1905		D.Sc.
† COOMBE, Samuel Walter	1919		B.A.
COOPER, Constance May	1904		M.B., B.S.
COOPER, Claude Tidswell	1899	Melbourne (1899) ..	M.B., Ch.B.
COOPER, Wilfred Windham	1913	B.Sc. 1911, surrendered for B.E., 1913	B.E.
CORBIN, Cecil	1894		M.B., B.S.
CORBIN, Hugh Burton	1892		B.Sc.
CORBIN, Horace Hugh	1913	London (1904)	B.Sc.
CORRY, Samuel Lloyd	1910		M.B., B.S.
CORVAN, James Hamilton	1877	Dublin (1865)	B.A.
COVENTRY, Cameron Hilder	1900		B.Sc.
COWAN, Darcy Rivers Warren	1908		M.B., B.S.
COWAN, George Dalrymple	1911		I.L.B.
COWAN, Leslie Thompson	1907		B.Sc.
COWAN, Robert Francis	1912		B.A.
COWELL, Francis Henry	1912		M.A.
COWPERTHWAIT, Elsie Eleanor	1906		M.A.
COX, Edwin Baxter	1915		I.L.B.
CRAWFURD, Lionel Payne	1897	Oxford (1890)	M.A.
CUDMORE, Arthur Murray	1894		M.B., B.S.
CURTIS, Albert	1905		M.B., B.S.

D.

DALBY, John	1891		B.A.
d'ARENBERG, Frederick Augustus	1881	Dublin (1876)	M.A.
DART, Ralph John	1915		B.E.
DARWIN, Errol Raffael Henry	1907		B.Sc.
DARWIN, Lisle Julius	1910		M.A.
* DAVENPORT, Sir Samuel	1888	Cambridge (1886) ..	LL.D.
DAVEY, Constance Muriel	1918		M.A.
DAVEY, Esther Marion	1915		B.Sc.
DAVEY, Laurence Llewellyn	1913		M.B., B.S.
† DAVEY, Roy Herbert	1920		B.Sc.
DAVID, Tannatt William Edgeworth	1914	Oxford (1912)	D.Sc.
DAVIDSON, George	1898	St. Andrews (1879)	M.A.
DAVIDSON, Roy Laidlaw	1907		B.A.
DAVIES, Clive Runnalls	1909		B.A.
DAVIES, Edward Harold	1902		Mus. Doc.
DAVIES, Harold Whitridge	1917		M.B., B.S.
DAVIES, William Laurence	1914		B.A.
DAVIS, Angelita Pintorcilla	1905		Mus. Bac.

* Deceased

† Not yet Members of Senate.

DAVIS, David	1906		B.A.
DAVIS, Ray	1915		B.Sc.
DAVY, Ruby Claudia Emily	1918		Mus. Doc.
DAWKINS, Alfred Ernest	1912		B.Sc.
DAWKINS, Sydney Lettis	1920	Edinburgh (1899) ..	M.B., B.S.
DAWSON, Dean	1905		M.B., B.S.
DAWSON, Joseph Bernard	1920	London (1911)	M.D.
DEANE, Charles Maslen	1877	Edinburgh (1862) ..	M.D.
DEANS, Absalom	1912		B.A.
DE CRESPIGNY, Constantine Trent Champion	1913	Melbourne (1906) ..	M.D.
DELPBAT, Lica	1910		M.B., B.S.
DELPBAT, Mary Johanna Alberta Theodora	1909		M.B., B.S.
DEMPSEY, Richard Francis	1888		LL.B.
* DENDY, Arthur	1877	Oxford (1851)	M.A.
DETMANN, Herbert Stanley	1906	Oxford (1906)	M.A.
DEVENISH, Albert Sydney	1899		M.A.
* DIMENT, William Stuart	1918		B.A.
DINNING, Alfred Ernest	1915		B.A.
DODWELL, George Frederick	1905		B.A.
DOLLING, Charles Edward	1911		M.B., B.S.
DONALDSON, Arthur	1881		B.A.
DONALDSON, George	1882		B.A.
DONNELLY, Thomas Hugh	1911		M.B., B.S.
DORNWELL, Edith Emily	1885		B.Sc.
DORSCH, (née Heyne), Agnes Marie Johanna	1891		B.A.
DORSCH, Ernst Georg	1915		B.A.
DOUDY, Cecil Roy	1906		LL.B.
DOUGLAS, Francis John	1898	Melbourne (1897) ..	M.B., Ch.B.
DOUGLAS, Robert Langton	1900	Oxford (1891)	M.A.
DOVE, George	1877	Cambridge (1859) ..	M.A.
DOWNER, George Henry	1885		LL.B.
DOWNER, James Frederick	1895		LL.B.
DOWNNEY, Michael Henry	1909	Melbourne (1904) ..	M.B., B.S.
DREW, Charles Francis	1911		M.B., B.S.
* DREW, William Alfred Vernon ..	1908		M.B., B.S.
DRISCOLL, Hilda Marion	1908		B.A.
DUFFIELD, Walter Geoffrey	{ 1900 1908	Manchester (1908) ..	B.Sc. D.Sc.
DUGUID, Charles	1920	Glasgow (1909)	M.B., B.S.
DUMAS, Russell John	1913	B.Sc., 1909, surren- dered for B.E., 1913	B.E.
* DUNCAN, Handasyde	1877	Glasgow (1831)	M.D.
DUNCAN-HUGHES, John Grant ..	1910	Cambridge (1910) ..	M.A.

* Deceased.

† Not yet Members of Senate.

* DUNLOP, James Dunlop	1883	Edinburgh (1881) ..	M.B.
DUNSTONE, Horace Edgar	1912		M.B., B.S.
* DURNO, Leslie	1893	Aberdeen	M.A.

E.

EARDLEY, Frederick, William	1913		B.A.
EARDLEY, (née Farsky) Hilda Gesina Franziska	1906		B.A.
EARL, Dorothy Elizabeth	1917	London (1915)	B.A.
EDESON, Emily Geraldine	1902	Melbourne (1895)	M.A.
EDMUNDS, Charles Augustus	1904		L.L.B.
* EITEL, Ernst John	1903	Tübingen (1871)	M.A.
ELCUM, Charles Cunningham	1879	Cambridge	M.A.
ELLIS, Annie Rita	1905		B.Sc.
ELLIS, Arthur Benjamin	1911		B.A.
ELLIS, Frank	{ 1913 1913	B.Sc., 1907, surren- dered for B.E., 1913	B.E. M.A.
ENGLEHART, August Friedrich Gottfried	1877	Giessen (1870)	M.D.
ENNIS, John Matthew	1902	London (1894)	Mus. Doc.
ERICHSEN, Matthias	1903		M.B., B.S.
* ESAU, Charles Frederick Herman	1877	Göttingen (1851)	M.D.
ESPIE, Frank Fancett	1913		B.E.
EVANS, Harold Maund	1897	Melbourne (1897)	M.B.
EVERARD, James Edward	1910		M.B., B.S.

F.

FAIRWEATHER, Andrew	1913	B.Sc., 1901, surren- dered for B.E., 1913	B.E.
FARR, Clinton Coleridge	1902		D.Sc.
* FARR, George Henry	{ 1877 1883	Cambridge (1853) " (1882)	M.A. L.L.D.
† FEATHERSTONE, Dora Bewlay	1918		B.A.
FENNER, Charles Albert Edward	1920	Melbourne (1917)	D.Sc.
FERGUSON, Andrew	1904		B.Sc.
* FERGUSON, Angus Salier	{ 1909 1912		B.A. L.L.B.
* FIELD, Thomas	1877	Cambridge (1857)	M.A.
FINCH, Emily Olive	1913		B.A.
FINLAYSON, Ronald Nickels	1903		L.L.B.
FINNISS, John Henry Suffield	1886	Edinburgh (1876)	M.B.
FISCHER, George Alfred	{ 1888 1894		B.A. M.B., B.S.
FITZGERALD, James Joseph	1903	Melbourne (1908)	M.A.
* FLECKER, Oscar Sydney	1902	Sydney (1902)	M.B., Ch.M.
FLEMING, Thomas Gordon	1909		M.B., B.S.

* Deceased.

Not yet Members of Senate.

* FLETCHER, Alfred Watkis	1889		P.Sc.
* FLETCHER, William Roby	1877	London (1856)	M.A.
† FLINT, Harold Elsdon	1919		B.A.
* FLOOD, John Wellesley	1881	Dublin	B.A., M.B.
FLOREY, Hilda Josephine	1912		M.B., B.S.
† FORD, James Albert	1919		B.A.
* FORNACHON, Paul Charles Albert	{ 1910		B.Sc.
	{ 1912		B.A.
* FORREST, The Right Honourable Sir John	1902	Cambridge () ..	L.L.D.
FOWLER, James Richard	1891	Cambridge (1890) ..	M.A.
† FOWLER, Russell Aubrey	1919		B.Sc.
FRAYNE, Ernest John	1908		M.B., B.S.
FREWIN, Thomas Hugh	1892		M.A.
FRY, Henry Kenneth	{ 1905		B.Sc.
	{ 1908		M.B., B.S.

G.

GALE, Frederick Julius	1915		B.A.
GALVIN, Thomas Bernard	1916		B.A.
GARDINER, Beauchamp Lennox ..	1902		P.Sc.
GARDNER, George Gavin Forrest ..	1906		Mus. Bac.
GARDNER, John Forrest	1914		M.B., B.S.
* GARDNER, William	1877	Glasgow (1876)	M.D.
GARTRELL, Herbert William	1902		B.A., B.Sc.
* GAULT, Arthur Henry	1901	London (1900)	M.D.
GAULT, Arthur Kyle	1917		M.B., B.S.
GAULT, Estelle Ruth	{ 1914		B.Sc.
	{ 1919		M.B., B.S.
GEORGE, M ^{rs} red May	1914		M.B., B.S.
* GETHING, Robert	1877	Edinburgh (1847) ..	M.D.
GIBBES, Alexander Edward	1892		M.B., B.S.
* GILBERT, Joseph	1907		B.Sc.
GILES, Eustace	1889		L.L.B.
GILES, Harold	1911		B.A.
* GILES, Henry O'Halloran	1891		M.B., B.S.
GILES, Ireton Elliot	1897		B.A.
GILES, Mortimer	1911		L.L.B.
GILES, Nigel Stuart	1905		B.Sc.
GILES, Olive Abbott	1907		B.A.
GILES, Thomas O'Halloran	1856	Cambridge (1883) ..	L.L.B.
GILES, William Anstey	1886	Edinburgh (1882) ..	M.B.
GILL, Alfred	{ 1882		B.A.
	{ 1885		L.L.B.

* Deceased.

† Not yet Members of Senate.

GILL, Lancelot Waring	1913	B.Sc., 1908, surrendered for B.E., 1913	B.E.
GILLEN, John Besley	1917		M.B., B.S.
GILLHAM, Charles Alfred	1911		B.A.
GILLMAN, Phyllis Constance .. .	1916		B.A.
GIRDLESTONE, Henry	1894	Oxford (1889)	M.A.
GLASSON, Joseph Leslie	1912		D.Sc.
* GLOVER, Ralph Francis	1877	Queen's, Ireland (1869)	B.A.
GLUIS, John	1911		B.A.
GODFREY, Kirke Charles	1914		M.B., B.S.
GODLEE, Margery Rebecca	1917		B.A.
GLYNN, Patrick McMahan	1898	Dublin (1879)	LL.B.
† GLYNN, Robert McMahan	1919		M.B., B.S.
GOLDSMITH, Frederick	1889		M.B., B.S.
GOOD, Emily Milvain	1904		B.A.
GOOD, Frances Helena	1916		B.A.
GOODE, Arthur	1894		M.B., B.S.
GOODE, Kenneth Burden	1914		B.E.
GOODE, Muriel Gertrude	1911		Mus. Bac.
GOODE, Reginald Alfred	1910		M.B., B.S.
GOODE, Samuel Walter	1898		B.A.
GOODMAN, Cyril William	1915		B.E.
* GORDON, James Leslie	1904		LL.B.
* GORGER, Oscar	1878	Heidelberg (1871)	M.D.
GOSNELL, Arthur William	1895	Cambridge (1888) .. .	M.A.
* GOSSE, Charles	1877	Aberdeen (1875) .. .	M.D.
* GOSSE, William	1877	Heidelberg (1870)	M.D.
GOYDER, Alexander Woodroffe ..	1889		B.Sc.
GRANT, Kerr	1911	M.Sc. Melb. (1901)	B.Sc.
† GRANT, Richard Longford Thorold	1918		M.B., B.S.
GRATTON, Norman Murray Gladstone	1920	Melbourne (1915) .. .	B.A.
GRAY, William Watt Erskine .. .	1913	B.Sc., 1912, surrendered for B.E., 1913	B.E.
GREENLEES, Alan David	1913	B.Sc., 1909, surrendered for B.E., 1913	B.E.
GREENWAY, Harold	1913	B.Sc., 1906, surrendered for B.E., 1913	B.E.
GREENWAY, Thomas Charles	1900		B.Sc.
GREGERSON, William Jens	1902	Melbourne (1899) .. .	M.B., B.S.
GREY, Francis Isaac	1907	Melbourne (1892) .. .	M.A.
GRIFFITHS, Ernest William	1906		M.B., B.S.
GRIFFITHS, George Townsend .. .	1915		Mus. Bac.
GRIFFITHS, Thomas Lester	1913		LL.B.
GROSSER, Agnes Juliana Hulda ..	1910		B.A.
GUNSON, George Frederick	1902		LL.B.

* Deceased.

† Not yet Members of Senate.

GUNSON, John Bernard	1893		M.B., B.S.
* GUNSON, John Michael	1877	Heidelberg (1867) ..	M.D.
GUNSON, William Joseph	1894		LL.B.
† GURNER, Colin	1918		M.B., B.S.
GUYMER, Arthur Howes	1915		M.B., B.S.
GUYMER, Ernest Albert	1914		M.B., B.S.

H.

HACKETT, James Thompson	1882	Melbourne (1879) ..	B.A.
HAINS, Ivan Coronel	1911		M.B., B.S.
* HALCOMB, Frederick	1877	Oxford (1859)	B.A.
HALES, Lizzie Ann	1908		B.A.
HALL, Alfred Daniel	1914	Oxford ()	M.A.
HALL, Charles Fishbourne	1905		B.A.
* HALL, Anthony James Alexander ..	1888		LL.B.
HALL, Norman Bruce	1917		M.B., B.S.
HALL, Robert William	1884		LL.B.
* HAMILTON, Alexander Archibald	1883	Dublin (1880)	M.B.
HAMILTON, Charles Wolfe	1899	Dublin (1894)	M.D.
HAMILTON, James Alexander Greer	1880	Dublin (1876)	M.B.
* HAMILTON, Thomas Kinley	1885	Dublin (1879)	M.D.
HANCOCK, George Alfred	1909		M.A.
HANNAN, Albert James	{ 1914 1912		M.A. LL.B.
* HARDING, Thomas Williamson .. .	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton	1898		LL.B.
HARDY, Mabel Phyllis	1914		B.A.
HARDY, Tom Mayfield	1913		B.Sc.
HARGRAVE, Nathaniel John	1905		LL.B.
HARGREAVES, William Arthur .. .	{ 1909 1916	Melbourne (1891) ..	B.Sc. D.Sc.
HARKNESS, Robert	1907		B.A.
HARMER, John Reginald	1895	Cambridge (1884) ..	M.A.
HARRIS, Frank Dixon	1886		LL.B.
* HARRIS, James Frederick	1901	Melbourne (1901) ..	M.B.
† HARRIS, Dorothy Mary	1910		B.A.
† HARRIS, Ernest Wilfred	1920		LL.B.
HARRIS, Wilfred	1908	Durham (1893)	M.A.
HARROLD, Rowland Edward	1892	Edinburgh (1890) ..	M.B.
HARRY, Arthur Hartley	1901		B.A.
HARRY, Irene Pearl	1915		B.A.
* HARTLEY, John Anderson	1877	London (1868)	B.A.
* HARVEY, Gilbert Aberdein	1911		M.B., B.S.
HASLAM, Joseph Auburn	1892		B.Sc.
HASLAM, Leslie Horrocks	1908		LL.B.

* Deceased.

† Not yet Members of Senate

HASTE, Reginald Arthur	1911		B.Sc.
	1914		M.B., B.S.
HAWKEN, Doris Marguerite	1917		B.A.
HAWKER, Edward William	1877	Cambridge (1873) ..	LL.B.
	1902	Cambridge (1890) ..	M.A.
* HAY, Alexander Gosse	1897	Cambridge (1890) ..	B.A.
* HAY, James	1883	Cambridge (1880) ..	LL.B., B.A.
HAYCRAFT, Edith Florence	1890		B.Sc.
HAYWARD, Charles Waterfield	1892	Oxford (1892)	M.A.
HAYWARD, Lancelot Alfred	1914		M.B., B.S.
HAYWARD, Lionel Wykeham	1903		M.B., B.S.
HAYWARD, William Thornborough	1914	Aberdeen (1914)	LL.D.
HEADLAM, Morley Lewis Caulfield	1900	Oxford (1893)	M.A.
HEATON, Herbert	1918	Leeds (1912)	M.A.
† HECKER, Stewart Roy	1919		M.B., B.S.
HEINEMANN, Edmund Lewis	1890	Oxford (1887)	B.A.
HENDERSON, George Cockburn	1902	Oxford (1897)	M.A.
* HENDERSON, James	1880		B.A.
HENDERSON, John Henderson	1899	Glasgow (1882)	M.B.
HENDERSON, William	1884		LL.B.
HENDERSON, William	{ 1904		B.A.
	{ 1908		LL.B.
* HENNIKER-MAJOR, Albert Edward John	1891	Cambridge (1889)	B.A.
HENNING, Andrew Harriot	1887		LL.B.
HESELTINE, Augustus Frederick	1913	B.Sc., 1904, surrendered for B.E., 1913	B.E.
HESELTINE, Samuel Richard	1908		LL.B.
† LÄTZEL, Kenneth Stuart	1920		M.B., B.S.
HEUZENROEDER, William Eberhard	1891		LL.B.
HEWITSON, Thomas	1884		LL.B.
HEYNE, Ida Marie	1916		B.A.
HEYNE, Laura Olga Hedwig	1917		M.A.
HICKS, Francis Gibson	1915		LL.B.
† HIGGINBOTTOM, Edwin Corbett	1920		B.A.
HILL, Albert Charles	1914		B.A.
† HILL, John Holrood	1920		B.A.
HILL, Thomas Benjamin	1920	Clark's, U.S.A. (1910)	M.A.
HILL, Hilda Mary	1908		B.A.
† HILLS, George Ridge	1920		M.B., B.S.
HILTON, Arthur Robert	1909		B.A.
HIOCTOR, John Francis	1877	Dublin (1871)	B.A.
† HOGAN, Esmond John Campbell	1920		LL.B.
HOLDEN, Edward Wheewall	1905		B.Sc.
HOLDER, Ethel Roby	1901		M.A.

* Deceased.

† Not yet Members of Senate.

HOLDER, Eric James Roby	1909		M.B., B.S.
HOLDER, Evan Morecott	1913	B.Sc., 1909, surrendered for B.E., 1913	B.E.
HOLDER, Sophia Ellen	1906		B.A.
* HOLDER, Sydney Ernest	1882		B.A.
HOLDER, Sydney Ernest	1913		M.B., B.S.
HOLE, William Margarey	1898		Mus. Bac.
HOLLAND, Charlotte Annie	1916		B.A.
HOLLIDGE, David Henry	1889		M.A.
HOLTHAM, Richard	1920	Queensland (1916)	B.A.
HOMBURG, John	1908		LL.B.
† HONE, Frank Raymond	1920		M.B., B.S.
HONE, Frank Sandland	{ 1889 1894		B.A. M.B., B.S.
* HONE, Gilbert Bertram	1892		B.A.
* HOOPER, Charles William	1904		D.Sc.
HOPE, Charles Henry Standish	{ 1889 1891	Cambridge (1883) ..	B.A. M.D.
HOPE (née Fowler), Laura Margaret	1891		M.B., B.S.
HOPKINS, Alfred Nicholas	1888		B.A.
* HOPKINS, William Fleming	1884		B.A.
HORN, Edward Palmer	1889		LL.B.
HORNABROOK, Rupert Walter	1896		M.B., B.S.
HOSKING, Herbert Clifton	1908		B.A.
HOURIGAN, Richard Edward	1893		LL.B.
HOWARD, Arthur Ewing	1912		B.A.
HOWCHIN, Stella	1893		B.Sc.
HOWE, George William Osborn	1914	Durham (1914) ..	D.Sc.
HOWELL, Edward Tucker	1877	Oxford (1860) ..	M.A.
HUBBE, Edith Ulrica	1908		B.A.
HUGHES, Alfred	1889	Cambridge (1886) ..	B.A.
* HUNN, William Morgau	1905		M.B., B.S.
HUNTER, Oswald	1903		LL.B.
HURLEY, Leonard Joseph Bernard	1914		B.A.
HURST, Walter William	1916		B.Sc.
* HUSSEY, John	1901	Oxford (1889) ..	M.A.
† HUSSEY, Percival Francis Leitch	1920		M.B., B.S.
HUTCHESON, George Ian Dewart	1917		B.E.
* HYNES, Timothy Augustin	1889	Edinburgh (1888) ..	M.B.

I.

LIFFE, James Drinkwater	1899		B.Sc.
INGAMELLS, Dora	1909		B.A.
INGAMELLS, Eric Marfleet	1908		B.A.
INGLEBY, Rupert	1889		LL.B.

* Deceased.

† Not yet Members of Senate.

IRELAND, Norman Arthur	1913		B.A.
IRWIN, Henry Offley	1893		M.B., B.S.
TSBISTER, James Linklater Thomson	{ 1891 1896		B.Sc. M.B., B.S.
TSBISTER, William James	1887		LL.B.
IVES, Joshua	1885	Cambridge (1884) ..	Mus. Bac.

J.

JACK, Fannie Augusta	1913	Sydney (1899) .. .	B.A.
JACK, Robert Lockhart	1913	Sydney (1899) .. .	B.E.
JACOMB-HOOD, Robert Gordon ..	1905	Cambridge (1892) ..	M.A.
JACKSON, Sarah Elizabeth	1914		M.A.
† JAMES, Wesley Hughes	1919		B.Sc.
JAUNCEY, George Eric Macdonnell	1909		B.Sc.
† JAUNCEY, Keith	1918		B.Sc.
JAY, Hubert Melville	1908		M.B., B.S.
JEFFRIES, Lewis Wibmer	1907		M.B., B.S.
JEFFRIES, Lionel Harry	1908		B.A.
JEFFRIES, Shirley Williams	1909		LL.B.
JEFFERIS, Arthur Tarlton	1908		B.Sc.
* JEFFERIS, James	{ 1877 1895	London (1856) .. . Sydney (1885) .. .	I.L.L. L.L.D.
* JERVIS-SMITH, Frederick John ..	1898	Oxford (1872) .. .	M.A.
JESSOP, Charles Lewis	1906		L.L.B.
JOHNSON, Edward Angus	{ 1897 1901	Melbourne (1897) .. Göttingen (1899) ..	M.B., Ch.B. M.D.
JOHNSON, William Herbert	1911		B.A.
JOHNSTONE, Percy Emerson	{ 1894 1898		B.A. L.L.B.
JOLLY, Norman William	1901		B.Sc.
JONA, Jacob	1908		B.Sc.
JONA, Judah Leon	{ 1910 1917 1919	Melbourne (1911) ..	D.Sc. M.B., B.S. M.S.
JONES, Albert Edward	1888		L.L.B.
JONES, Doris Egerton	1911		B.A.
JONES, Edmund Britten	1910		M.B., B.S.
JONES, Frederic Wood	1920	London (1910) .. .	D.Sc.
JONES, Thomas Henry	1889		Mus. Bac.
JOSE, Edward Salisbury	1905	Oxford (1904) .. .	B.A.
JOSE, George Herbert	1906	Oxford (1906) .. .	M.A.
JOSE, Ivan Bede	1915		M.B., B.S.
JOYNER, Max Frederick	1913		L.L.B.
JUDE, Gertrude Josephine	1901		B.Sc.

* Deceased.

† Not yet Members of Senate.

JUELLE, Maurice Wolff	1903		E.Sc.
JUNGERSON, Hector Frederik Estrup	1914	Cambridge, Mass. (1909)	D.Sc.
JURITZ, Charles Frederick	1914	Cape of Good Hope (1907)	D.Sc.

K.

KAHAN, Raoul Robellaz	1911		R.Sc.
KEARNEY, Alan Wells	1859	Cambridge (1877)	M.A.
† KEIPERT, Leslie James	1918		M.B., B.S.
* KELLY, Alexander Charles	1877	Edinburgh (1832)	M.D.
* KELLY, David Frederick	1879	Cambridge (1878)	M.A.
† KELLY, Eric Gordon	1920		B.A.
KELLY, Francis	1906		LL.B.
* KELLY, (nee Puttmann). Franziska Helena Maric	1808		Mus. Bac.
† KELLY, William Raymond	1920		LL.B.
KENNEDY, Alexander Lorimer	1915		B.E.
KENIHAN, Raphael Leo	1915		M.B., P.S.
KENNION, George Wyndham	1883	Oxford (1871)	M.A.
KENDREW, George Harry	1917		M.B., B.S.
† KENTISH, Dorothy Grace	1918		B.A.
* KERR, Donald Alexander	1883		B.A.
KERR, Donald	1919		LL.D.
KESSELL, Stephen Lackey	1917		B.Sc.
KIEK, Edward Sidney	1920	Oxford (1910)	M.A.
KIEK, Winifred	1920	Manchester (1907)	B.A.
KINGSMILL, Walter	1883		B.A.
* KINGSTON, The Right Hon. Charles Cameron	1898	D.C.L., Oxford (1897)	B.A. LL.D.
KINTORE, The Earl of	(1889) (1889)	Cambridge (1877) Aberdeen (1889)	M.A. LL.D.
KIRBY, Mary Maude	1890		F.Sc.
† KIRKMAN, Kenneth Hainsworth	1919		LL.B.
KITSON, Mary Cecil	1916		LL.B.
KLEEMAN, Richard Daniel	1908		D.Sc.
KLOSE, Alfred Emil Johannes	1915		B.A.
† KNEEBONE, Christopher Stephen	1920		B.E.
KNEEBONE, John LeMessurier	1911		M.B., B.S.
KNIGHT, Percy Norwood	1888		B.A.
KNOWLES, Francis Edward	1888		LL.B.
KOLLOSCHIE, Harold Frank	1915		M.B., B.S.
KOLLOSCHIE, John	1901		M.A.
KUCHEL, Carl Wilhelm August	1912		M.A.

* Deceased

† Not yet Members of Senate.

L.

LABATT, Edward	1877	Dublin (1870)	B.A.
* LABATT, George Augustus	1877	Dublin (1839)	B.A.
LAMB, Horace	1877	Cambridge (1875)	M.A.
† LAMPE, Victor Leslie	1919		B.A.
LANE, Annie	1904		M.A.
LANG, Sydney Chapman	1896		B.A.
LANG, William Holland	1903		B.Sc.
LANGDON, Reginald Yorke	1903		B.Sc.
* LANGMAN, Mary Lillecrap	1906		B.A.
LATY, Claude Percival	1905		LL.B.
LAYBOURNE-SMITH, Louis	1914	B.Sc., 1901, surrendered for B.E., 1914	B.E.
LECKIE, Alexander Joseph	1913		Mus. Bac.
LEDGER, Gladys May	1912		B.A.
LEDGER, William Henry	1906	Sydney, B.E. (1903)	B.Sc.
LeHUNTE, Sir George Ruthven	1903	Cambridge (1880)	M.A.
* LEITCH, James Westwood	1884		B.A.
LEITCH, Oliver	1895		B.Sc.
LeLACHEUR, Hellier	1915		B.A.
* LEONARD, James	1877	London (1849)	B.A.
LENDON, Alfred Austin	1883	London (1881)	M.D.
LENDON, Guy Austin	1917		M.B., B.S.
LE MESSURIER, Frederick Niell	{ 1913 1920		M.B., B.S. M.D.
LE MESSURIER, Thomas Abraham	{ 1893 1894		B.Sc. M.A.
† LESLIE, Jean	1920		B.A.
LEWIS, Eric Henry	1908		M.D.
LEWIS, Irene Gwendoline	1907		B.Sc.
LIGERTWOOD, George Coutts	{ 1908 1910		B.A. LL.B.
LILLYWHITE, Cuthbert	1899		B.Sc.
* LIMBERT, Edgar Henry	1887		LL.B.
* LINDON, James Hemery	1886	Cambridge (1884)	M.A.
† LINDON, Leonard Charles Edward	1919		M.B., B.S.
† LINN, Leslie Wedmore	1918		M.B. B.S.
* LLOYD, Henry Sanderson	1883	Edinburgh (1883)	M.B.
* LIPSHAM, Kate Caroline	1905		B.A.
* LIPSHAM, Margaret	1903		B.A.
LOAN, Edward Charles	1903		B.A.
LODGE, Sir Oliver Joseph	1914	London (1877)	D.Sc.
LOVE, James Robert Beattie	1915		B.A.
LOVE, John Alexander	1915		M.B., B.S.
LOWRIE, William	1883	Edinburgh (1883)	M.A.

* Deceased.

† Not yet Members of Senate

LUCAS, Sir Charles Prestwood ..	1914	Oxford (1884)	B.A.
* LUCAS, Reginald Blockley	1913		M.B., B.S.
LUSHEY, (nee Wilks), Vida Alice	1904		B.A.
LYNCH, Arthur Francis Augustin	1889		M.B., B.S.

M.

McAREE, Francis Edward	1906		M.B., B.S.
McAREE, John Victor	1905		M.B., B.S.
* McARTHUR, David William Stanley	1901		B.Sc.
McATEER, Patrick Joseph	1913		B.A.
MACAULAY, Robert Wilson	1903		B.A.
* McCULLAGH, William George .. .	1877	Dublin (1854)	B.A.
* MACBEAN, John	1877	Aberdeen (1832) .. .	M.A.
McBRIDE, Dorothy Evelyn	1915		Mus. Bac.
McBRIDE, William John	1898		B.Sc.
McBRYDE, (formerly Schultz), Frederick Balfour	{ 1912 1920		{ J.L.B. B.A.
McCARTHY, Walter James	{ 1891 1904		{ B.A. B.Sc.
McCOY, William Taylor	1919	Sydney (1895)	B.A.
McDONALD, Cyril George Hugh ..	1917	B.Sc., 1913, surrendered for B.E., 1917	B.E.
McDONALD, Ross	1913		J.L.B.
McDONNELL, John Carlile	1913	Cambridge (1892) ..	M.A.
McEWIN, Keith	1912		M.B., B.S.
† MACGHEY, Mary Veta	1919		B.A.
McGLASHAN (nee Gardner), Mary Beatrice	1909		B.A.
McGLASHAN, John Eric	1909		M.B., B.S.
† McGLEW, Phyllis Dorothy	1918		M.B. B.S.
MACK, Hans Hamilton	1880		B.A.
* McKAIL, Ronald George	1914		B.Sc.
* MACKENZIE, John George Kenneth	1894	Oxford (1888)	M.A.
* MACKINTOSH, James Sutherland	1878	Edinburgh (1838)	M.D.
MACLAREN, Peter Patrick	1915		B.A.
MACLENNAN, James Sydney Kil- coy	1906		J.L.B.
* McNAMARA, Louis Warnecke .. .	1913	B.Sc., 1909 surren- dered for B.E., 1913	B.E.
† McNEIL, Ian (formerly John) .. .	1918		M.B. B.S.
McROSTIE, Ella Kate	1915		B.A.
* MACULLY, Alexander	1901	Melbourne (1887) ..	M.A.
MADIGAN, Cecil Thomas	1910		B.Sc.
MADSEN, John Percival Vissing ..	{ 1901 1907	Sydney (1900)	{ B.Sc. U.Sc.

* Deceased.

† Not yet Members of Senate.

* MADDEN, Sir John	1901	Cambridge	LL.D.
* MAGAREY, Archibald Campbell ..	{ 1907		M.B., B.S.
	{ 1912		M.S.
MAGAREY, Cromwell	1889		M.B., B.S.
* MAGAREY, Frank William Ashley	{ 1901	Sydney (1899) .. .	M.B.
	{ 1903	Sydney (1903) .. .	M.D.
MAGAREY, Rupert Eric	1904		M.B., B.S.
* MAGAREY, Sylvanus James	1888	Melbourne (1888) ..	M.D.
MAGAREY, William Ashley	1888		LL.B.
MAKIN, Frank Humphrey	1906	Melbourne (1901) ..	M.B.
MANDER, Linden Alfred	1920		M.A.
MANN, Charles	1887		LL.B.
† MANN, Gertrude Irene	1919		B.A.
† MARMION, Robert James	1918		B.Sc.
* MARRYAT, Charles	1877	Oxford (1853)	M.A.
MARRYAT, Cyril Beaumont	1898		B.Sc.
MARRYAT, Ernest Neville	1888		B.A.
MARTEN, Robert Humphrey	1888	Cambridge (1888) ..	M.B.
MARTEN, Robert Humphrey, jun.	1913	Cambridge (1912) ..	B.A.
MARTIN, John Claude	1905		LL.B.
MARTIN, Victor Garfield	1915	B.Sc., 1904, surren- dered for B.E., 1915	B.E.
MARTIN, William Thomas	1914		B.A.
MASSON, David Orme	1914	Edinburgh (1884) ..	D.Sc.
MASTERS, Frederick George	1900	Cambridge (1898) ..	M.A.
MATTHEWS, Richard Twitchell ..	1884	London (1888)	B.A.
MAUGHAN, Milton Moss	1904		B.A.
MAWSON, Sir Douglas	{ 1907	Sydney (1901)	B.Sc.
	{ 1909		D.Sc.
MAYO, George Elton	1911		B.A.
MAYO, Helen Mary	1902		M.B., B.S.
MAYO, Herbert	1909		LL.B.
MAYO, John Christian	1913		M.B., B.S.
MAYO, Mary Penelope	1912		B.A.
MEAD, Cecil Silas	{ 1887		B.A.
	{ 1891		M.B., B.S.
* MEAD, Silas	1877	London (1859)	M.A.
MELBOURNE, Alexander Clifford Vernon	1910		B.A.
† MELBOURNE, Henry Eoin Sydney	1920		B.E.
* MELLOR, James Taylor	1888		LL.B.
† MELLOR, Thomas Reginald	1920		LL.B.
MELROSE, Alexander	1886		LL.B.
† MENZ, Anna Magdalene	1918		B.A.
† MESSENT, Kieth Santo	1920		B.E.
† MESSENT, Philip Santo	1918		M.B. B.S.

* Deceased.

† Not yet Members of Senate

MILLHOUSE, Eric William John ..	1915		I.L.B.
MILLER, Raymond Orlando Maurice	1905		B.A.
* MILLS, John Brier	1914		LL.B.
MILNE, William Somerville .. .	1890	Oxford (1886)	M.A.
MINCHIN, Edward James	1894	Dublin (1879)	B.A.
MITCHELL, James Thomas	1885	Aberdeen (1885)	M.D.
MITCHELL, Percival Harris	1906		B.A.
MITCHELL, Samuel James	1890		LL.B.
MITCHELL, William	1895	Edinburgh (1886)	M.A.
MITTON, Ernest Gladstone	1899		B.Sc.
MOFFAT, May Josephine	1911		M.B., B.S.
MONCRIEFF, Josephine Hartley ..	1911		B.A.
MONCRIEFF, Mary Kathleen	1910		B.A.
† MORGAN, Horace John	1918		B.E.
* MOODY, Harold Eric	1913		LL.B.
MOORE, Bertie Harcourt	1913	B.Sc., 1900, surrendered for B.E., 1913	B.E.
MOORE, Brian Fornby	1917		M.B., B.S.
* MOORE, Edwin Canton	1882		B.A.
MOORE, George Douglas	1904		B.Sc.
MOORE, Phyllis Mary	1909		B.A.
MORGAN, Alexander Matheson ..	1890		M.B., B.S.
† MORGAN, Edward James Ranembe	1920		LL.B.
* MORRIS, Edward Ellis	1901	Oxford	M.A.
* MORSE, Charles William	1877	Cambridge (1850)	B.A.
MOTTERAM, Philip	1914		B.E.
MOULDEN, Arnold Meredith	1914		LL.B.
MOULDEN, Owen Meredith	1910		M.B., B.S.
MOULE, Edward Ernst	1893		M.B., B.S.
MOYES, John Stoward	1907		M.A.
MOYES, Morton Henry	1910		B.Sc.
MOYLE, Sidney	1917		M.A.
* MUECKE, Carl Wilhelm Ludwig ..	1877	Jena (1847)	M.A.
MUECKE, Francis Frederick	1902		M.B., B.S.
MURDEN, William	1910		B.A.
MUIRHEAD, John Robb	1908		M.B., B.S.
MUIRHEAD, Leonard Graeme	1911		M.B., B.S.
MUNN, Bertha Helen Temple	1917		B.A.
MURPHY, Evangeline	1907		B.A.
MURRAY, Sir George John Robert	1883		B.A.
† MUTTON, Henry Edwin Howard ..	1918		B.A.
IN.			
NADEBAUM, Rudolph Oertel	1907		B.A.
NAIRN, Alexander Livingstone .. .	1905		M.A.
NANKIVELL, John Thomas	1877	Cambridge (1871)	B.A.

* Deceased.

†Not yet Members of Senate.

* NAPIER, Alexander Disney Leith ..	1899	Aberdeen (1878) ..	M.D.
NAPIER, Thomas John Mellis	1902		LL.B.
NAYLOR, Henry Darnley	1906	Cambridge (1894) ..	M.A.
† NAYLOR, Margaret Mary Jessie Darnley	1920		B.A.
* NESBIT, William Peel	1877	Edinburgh (1873) ..	M.B.
* NEUBAUER, Max Friedrich	1877	Munich (1873) .. .	M.D.
* NEWLAND, Clive	1902		M.B., B.S.
NEWLAND, Henry Simpson	{ 1896 1902		M.B., B.S. M.S.
* NEWLAND, Philip Mesmer	1896		LL.B.
NEWMAN, Edgar Harrold	1894		LL.B.
NEWMAN, George Gough	1892	London (1891) .. .	B.A.
NEWMAN, Kathleen Mary	1917		B.A.
NEWMAN, Olive Gertrude	1909		B.Sc.
NICHOLLS, Leslie Herbert	1893		B.A.
NICHOLSON, Hugh John Gay	1916		B.E.
* NIESCHE, Frederick William	1889	Edinburgh (1886) ..	M.D.
NIETZ, Herbert Walter	1918		M.A.
NOLTENIUS, Harry Edward	1902		B.A.
* NOOTNAGEL, Albert Herman	1910		LL.B.
NORMAN, William Ashley	1911		LL.B.
† NORTHEY, James Douglas	1919		B.A.
NORTHMORE, John Alfred	1887		LL.B.
NOTT, Harry Carew	1913		M.B., B.S.

O.

* OAKLEY, Sir Herbert Stanley	1895	Oxford	Mus. Doc.
O'DONOGHUE, Stephen Kevin	1912		B.A.
OLDHAM, Wilfred	1920		M.A.
† OLSSON, Athol Julius	1920		LL.B.
O'NEILL, Sydney	1917		M.B., B.S.
OSBORN, Edith May	1912	M.Sc. Man. (1908) ..	B.Sc.
OSBORN, Theodore George Bently	1912	M.Sc., Man. (1911) ..	B.Sc.

P.

PADMAN, Edward Clyde	{ 1897 1900		B.A. LL.B.
PADMAN, Clara Helen	1904		B.A.
PAGE, Albert Edward	1914		B.A.
PAINE, Herbert Kingsley	1904		LL.B.
* PALMER, Hamilton Charles	1877	London (1851) .. .	LL.B.
PARKHOUSE, Devon	1907		M.B., B.S.
PARKIN, George Robert	1903	McGill, Canada .. .	LL.D.
PARSONS, Harold Stephen	1912		Mus Bac.

* Deceased.

† Not yet Members of Senate

PARSONS, Herbert Angus	1897			I.L.B.
PARSONS, Rex Whaddon	1915			B.E.
PATCHELL, Mary Emma	(1906 (1907			B.A. B.Sc.
* PATERSON, Alexander Stuart . .	1877	Edinburgh (1857) ..		M.D.
PATON, Adolph Ernest	1915		B.Sc., 1902, surren- dered for B.E., 1915	B.E.
PATON, Alfred Maurice	1898			B.Sc.
* PATON, David	1878	Glasgow (1864) ..		M.A.
PATON, Dora Isabel	1902			B.Sc.
† PAUL, Alec Gordon	1920			B.Sc.
PAVIA, Roy Rowling	1913			B.A.
† PAVY, Harold Keith	1919			M.B., B.S.
PAYNE, Louise Mary Gwythyr . .	1914			B.A.
PAYNTER, Ralph Horwood	1912			M.A.
PEARSON, Henry Ernest	(1904 (1913			B.Sc. B.A.
PELLEW, Leonard James	1906			M.B., B.S.
PENNEFATHER, Frederick William	1888	Cambridge (1874) ..		B.A.
PENNY, Harold John	1913			M.B., B.S.
PHILLIPS, Ernest	1908			I.L.B.
PHILLIPS, Herbert Tarlton	1905			B.Sc.
PHILLIPS, James Howard	1902			B.Sc.
PHILLIPS, Walter Ross	1883	Cambridge (1878) ..		I.L.B.
PHILLIPS, William James Ellery	1915			M.B., B.S.
PHILLIPSON, Coleman	1920	Manchester (1908) ..		I.L.D.
PINCH, Allan Love	1911			I.L.B.
PIPER, Harold Bayard	1914			I.L.B.
PITCHER, Cyril Frederick	1911			M.B., B.S.
PITT, Arthur William	1915			M.A.
† PITT, George Henry	1920			B.A.
PLOTZ, Oscar Arnold	1916			M.B., B.S.
PLUMMER, Rex Garnet	1906			M.B., B.S.
PLUMMER, Violet May	(1893 (1897	Melbourne (1897) ..		B.Sc. M.B.
† POBJOY, Alice Blake	1918			B.A.
† POMROY, Harry Roy	1918			M.B., B.S.
POOLE, Dorothea Landon	1906			M.A.
POOLE, Frederic St John	1909			M.B., B.S.
POOLE, Frederick Slaney	1877	Cambridge (1875) ..		M.A.
POOLE, Henry John	1877	Oxford (1856) ..		M.A.
POTTER, Roy Adolph	1913			B.A.
POTTS, Ethelwyn	1909			B.A.
POTTS, Gilbert Macdonald	1915			M.A.
POTTS, William Andrew	1913		B.Sc., 1912, surren- dered for B.E., 1913	B.E.

* Deceased.

† Not yet Members of Senate

POULTON, Benjamin	1884	Melbourne (1888) ..	M.D.
POWELL, Harold	1913		M.B., B.S.
POWELL, Henry Arthur	1891		M.B., B.S.
PRICE, Archibald Grenfell	1920	Oxford (1919) .. .	M.A.
PRICE, Arthur Jennings	1890		LL.B.
PRICE, Walter John	1914		B.A.
† PRIEST, Amy Grace	1920		B.A.
PRIEST, Herbert James	f 1902 { 1904		B.Sc. B.A.
PRINCE, Erica Lloyd	1913		B.A.
PROUD, Emily Dorothea	1906		B.A.
PROUD, Millicent Farrer	1915		M.A.
† PRYOR, William Arthur	1919		M.B., B.S.
PUDDY, Maude Mary	1905		Mus. Bac.
PULLEINE, Robert Henry	1913	Sydney (1898)	M.B.
PURTON, David Gabriel	1918		M.A.

R.

RANDELL, Allan Elliott	1897	Melbourne (1897) ..	M.B., Ch.B.
RAWLINGS, Joseph Henry	1877	Edinburgh (1866) ..	M.D.
RAYNER, William Henry	1907		B.A.
RAY, William	f 1906 { 1914	Oxford (1909) .. .	M.B., B.S. B.Sc.
RAY, Walter Vernon	1907		LL.B.
† RAYNER, George Percival	1920		B.A.
RAYNOR, Philip Edwin	1890	Oxford (1882) .. .	M.A.
* READ, Henry	1877	Cambridge	M.A.
† REID, Eileen Ruth Lathlean	1919		B.Sc.
REED, Geoffrey Sandford	1913		LL.B.
† REID, John Tennyson	1919		LL.B.
REID, Frederick William	1914		B.Sc.
† REIMANN, Arnold Luehrs	1919		B.Sc.
REIMANN, Valesca Leonore Olive	1914		M.A.
REISSMANN, Charles Henry	1902	Cambridge (1902) ..	M.D.
* RENNEN, Friedrich Emil	1877	Jena (1847)	M.D.
* RENNICK, Francis Henry	1882	Melbourne (1880) ..	M.A.
RENNIE, Edward Henry	1885	London (1882)	D.Sc.
RENNIE, Edward James Cadell	1913	B.Sc., 1906, surren- f dered for B.E., 1913	B.E.
	{ 1919		M.E.
RENNIE, Henry Charles Cadell	1912		M.B., B.S.
RICE, Patrick William	1915		M.B., B.S.
RICHARDS, Clarence	{ 1915 { 1919		B.Sc. M.B., B.S.
RICHARDS, Eva Gertrude	1914		B.A.
RICHARDS, Frederick William	1897	London (1896)	J.L.D.

* Deceased.

† Not yet Members of Senate

RICHARDSON, Arnold Edwin Victor	{ 1910 1908		M.A. B.Sc.
* RICHARDSON, Frank Joseph Webb	1893		B.Sc.
* RIDGWAY (nee Jelley), Jeannie ..	1908		Mus. Bac.
† RIEDEL, Melita Wanda	1920		Mus. Bac.
† RIEGER, Clarence Oscar Ferrero ..	1919		M.B., B.S.
RILEY, Mabel	1908		B.A.
† RISCHBIETH, Harold	1920	Cambridge (1909) ..	M.D.
RISCHBIETH, Oswald Henry Theodore	1909		B.A.
ROBERTSON, Joseph	1894	Sydney (1877)	M.A.
ROBERTSON, Lionel Joseph	1896		B.A.
ROBERTSON, Thorburn Brailsford	1908		D.Sc.
ROBERTSON, William	1905	Melbourne (1882) ..	M.B.
ROBIN, Charles Ernest	1886		B.A.
ROBIN, Percy Ansell	{ 1880 1885	London (1885)	B.A. M.A.
† ROBIN, Rowland Cuthbert	1920		B.E.
ROBINSON, Edgar	1912		LL.B.
ROBINSON, Roy Lister	1903		B.Sc.
* ROBINSON, William George	1878	(A.E.G.)	B.A.
ROBJOHNS, Leonard	1920	Sydney (1891)	B.A.
RODGER, Geoffrey James	1915		B.Sc.
ROGERS, Richards Sanders	{ 1891 1897 1899	Edinburgh (1887) .. Edinburgh (1893) ..	Ch.M. M.D. M.A.
ROLLAND, James Alexander	1917		M.B., B.S.
ROSMAN, Frank Edgar	1908		B.Sc.
ROSS, Dudley Bruce	1914		LL.B.
ROSSITER, James Leonard	1912		M.A.
ROUPELL, Arthur Norton	1920	Cambridge (1910) ..	B.A.
ROWE, Edgar Percival	1914		B.A.
† ROWE, Ernest Thomas	1920		B.Sc.
ROWLEY, Frederick Pelham	1887		LL.B.
RUDALL, Reginald John	1906		LL.B.
† RUSSELL, Alfred Burgess	1919		M.B., B.S.
* RUSSELL, Alfred Edward James	1893		M.B., B.S.
RUSSELL, Ernest Albert Harold .. .	1911		M.B., B.S.
RUSSELL, Herbert Henry Ernest .. .	{ 1899 1905	Melbourne (1899) ..	M.B., Ch.B. M.D.
RUSSELL, Walter Henry	1905		M.B., B.S.

S.

* SABINE, Clement Egbert Eppes ..	1884		M.A.
SABINE, Ernest Maurice	1891		LL.B.
SALMOND, Sir John William	1897	London (1887)	LL.B.

* Deceased

† Not yet Members of the Senate

† SANDERS, Grace Annie	1920		B.A.
SANDERS, Harold William	1912		B.A.
SANDERS, Isabel Mary	1905		B.A.
SANDISON, Alexander	1906	Edinburgh (1906) ..	M.B.
* SANGSTER, John Ikin	1893		M.B., B.S.
SARRE, Vera Georgina	1917		B.A.
SCHACHE, Alma Olga Antonia	1909		B.A.
† SCHAFFER, Carl Hannaford	1919		M.B., B.S.
† SCHNEIDER, Walter Hermann	1920		B.E.
SCHRODER, Mary Alice	1919	Melbourne (1902)	M.A.
SCHULZ, Adolf John	(1905 (1909)	Zurich, Ph. D. (1908)	B.A. M.A.
* SCOTT, Andrew	1883	Melbourne (1881) ..	B.A.
SCOTT, Douglas Comyn	1888		LL.B.
SCOTT, Malcolm Leslie	(1904 (1919)		M.B., B.S. M.S.
SCOTT, Ronald Melville	1913	B.Sc. 1910, surren- dered for B.E., 1913	B.E.
* SEABROOK, Leonard Llewellyn	1891		M.B., B.S.
* SEABROOK, Thomas Edward Fraser	1877	St. Andrews (1861) ..	M.D.
SEARLE, Frederick John	1902		B.A.
SELLS, Alfred	1877	Cambridge (1847) ..	M.A.
SEWELL, Charles Edward	1886		LL.B.
SEWELL, Frank	1899		B.A.
SHANAHAN, Patrick Francis	1893		M.B., B.S.
† SHANASY, William Bonwill	1919		M.B., B.S.
SHARMAN, Florence Mary	1919		M.A.
SHARMAN, Ethel Olive	1915		B.A.
SHARP, Cecil James	1882	Cambridge (1882) ..	B.A.
SHARP, William Hey	1877	Oxford (1871)	M.A.
SHAW, James Barry	1904		B.Sc.
† SHEDLEY, Alfred Charles	1919		B.Sc.
SHEPLEY, Leslie Herbert Hamilton	1909		LL.B.
SHIPWAY, Graham Stuart	1916		M.B., B.S.
SHIERLAW, Howard Alison	1902		LL.B.
SHORNEY, Herbert Frank	1909	Melbourne (1903)	M.D.
* SHORT, Augustus	1877	Oxford (1826)	M.A.
SHUTER, Richard Ernest	1895	Melbourne (1891) ..	M.B.
* SIMPSON, Henry Gordon Liddon	1896		LL.B.
† SIMPSON, Hugh Denney	1920		B.Sc.
SINCLAIR, William Malcolm	1911		M.B., B.S.
SKEWES, Edward Foster	1917		LL.B.
SKIPPER, Stanley Herbert	1901		LL.B.
SMEATON, Bronte	1896		M.B., B.S.
* SMEATON, Stirling	1880		B.A.

* Deceased.

† Not yet Members of Senate.

PAST AND PRESENT GRADUATES.

69

* SMITH, Arthur William	1877	London (1872) .. .	M.D.
SMITH, (nee Gardner) Edith Josephine Viner	1906		B.A.
SMITH, Frank	1903		B.Sc.
SMITH, Grafton Elliott	1914	Sydney (1895) .. .	M.D.
SMITH, Harold Whitmore	1913	B.Sc., 1906, surrendered for B.E., 1913	B.E.
SMITH, Ida Gwendoline Viner ..	1902		B.A.
SMITH, James	1905		L.L.B.
SMITH, James Walter	1882	London (1856) .. .	L.L.D.
SMITH, John Edgar	1919	Victoria U. (1901) ..	B.Sc.
	1892		E.Sc.
SMITH, Julian Augustus Romaine	1907	Melbourne (1901) .	M.B., B.S.
	1908		M.S.
SMITH, Raydon Berry	1917		B.E.
SMITH, Sydney Talbot	1886	Cambridge (1884) ..	L.L.B.
SMITH, Walter Leonard	1914		M.B., B.S.
SMITH, William Ramsay	{ 1903	Edinburgh (1888) ..	B.Sc.
	{ 1904	Edinburgh (1892) ..	M.F.
	{ 1904	Adelaide	D.Sc.
SMYTH, Isabel Agnes Ekin	1905		B.A.
SMYTH, John Thomas	1878	Melbourne (1874) ..	B.A.
SNOW, Wilfred Rippon	1914		B.E.
SOLLAS, William Johnson	1914	Cambridge () ..	D.Sc.
SOLOMON, Isaac Herbert	{ 1895		B.A.
	{ 1898		L.L.B.
SOLOMON, Judah Moss	{ 1888		B.A.
	{ 1891		L.L.B.
SOLOMON, Susan Selina	1890		B.Sc.
† SOMERVILLE, Dorothy Christine	1918		B.A.
SOMERVILLE, Hugh Norman	1919	B.Sc. 1915, surrendered for B.E., 1919	B.E.
SOMERVILLE, Sesca Lewin	1916		B.A.
SOUTER, John Francis	1897	Aberdeen (1889) ..	M.B.
SOUTHWOOD, Albert Ray	1916		M.B., B.S.
	1920		M.D.
SPEHR, Carl Louis	1895		L.L.B.
SPICER, Edward Clark	1877	Melbourne (1877) ..	B.A.
SPROD, Milo Weeks	1908		M.B., B.S.
STANFORD, William Bedell	1879	Oxford (1864) .. .	M.A.
STEELE, David Macdonald	1909		M.B., B.S.
† STEELE, Donald Macdonald	1919		M.B., B.S.
STEELE, Kenneth Nugent	1914		M.B., B.S.
STEPHENS, Charles Francis	1897		B.Sc.
STEPHENS, Cyril Foster	1916		B.Sc.
STEPHENS, Ella Mary	1915		B.A.
STEPHENS, Eric Goyne	1912		B.Sc.

* Deceased.

† Not yet Members of Senate

TASSIE, Robert Wilson	1918	B.Sc., 1907, surrendered for B.E., 1918	B.E.
TENNYSON, Hallam, Baron	1900	Litt. D. Cambridge (1899)	J.L.D.
* THOMAS, John Davies	1877	London (1871) .. .	M.D.
THOMAS, Arthur Nutter	1906	Cambridge (1895)	M.A.
THOMAS, Edward Brooke	1911		M.B., B.S.
THOMAS, Thomas Eggleston	1883	Melbourne (1881) ..	M.A.
THOMPSON, Thomas Alexander	1896		B.Sc.
THOMPSON, James Simpson	1906		B.Sc.
THOMSON, Harry	1909		LL.B.
THRUSH, Harry Clifford	1915		B.A.
† TILMANN, Carl Norboy	1920		B.E.
TILLEY, Cecil Edgar	1914		B.Sc.
† TIMCKE, Edward Waldemar	1920		B.A.
* TODD, Sir Charles	1886	Cambridge (1886) ..	M.A.
* TODMAN, James	1877	Edinburgh (1862) ..	M.D.
TOLLEY, Frank Gordon	{ 1901 { 1906	Cambridge (1889) .. Cambridge (1906) ..	LL.B. M.A.
TORR, William George	1892	Dublin (1892) .. .	LL.D.
TRATMAN, Frank	1899	London (1892) .. .	M.D.
† TRAVERS, John Leo	1920		LL.B.
TREHY, Annie Louise Virginia	1890		B.Sc.
TRELEAVEN, Walter	1893		B.Sc., M.A.
TRÜDINGER, Anna	1892		B.A.
TRÜDINGER, Clara	1908		B.Sc.
TRÜDINGER, Martin	1912		B.A.
TRÜDINGER, Ronald	{ 1905 { 1909		B.Sc. M.B., B.S.
TRÜDINGER, Walter	1892		B.A.
TUCK, Harry Playford	{ 1915 { 1920		B.Sc. B.E.
† TUCKER, Howard Erskine	1920		LL.B.
* TUCKER, William Alfred Edgcumbe	1885		B.A., LL.B.
TUCKWELL, Ernest Sinclair	1902		B.A.
TURNER, Charles Trevor	1914		M.B., B.S.
TYAS, Margaret Elizabeth	1905	London (1905) .. .	B.Sc.

U.

UPTON, Henry	1888		LL.B.
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V.

* VARLEY, Charles Grant	1884		LL.B.
VAUGHAN, John Howard	1900		LL.B.
VERCO, Claude Maythorn	1915		B.A.

* Deceased.

Not yet Members of Senate.

VERCO, Clement Armour	1902	Sydney (1901)	M.B., Ch.M.
VERCO, Sir Joseph Cooke	1877	London (1876)	M.D.
VERCO, Joseph Stanley	1913		M.B., B.S.
VERCO, Reginald John	1907		M.B., B.S.
VERCO, Sydney Manton	1901	Sydney (1900)	M.B.
VERCO, William Alfred	1890		M.B., B.S.
* VON TREUER, Adolph	1877	Dorpat (1844)	L.L.B.

W.

* WADEY, Walter Henry	1894		L.L.B.
* WAINWRIGHT, Edward Harley ..	1883	London (1878)	B.Sc.
WAINWRIGHT, Charles Leonard ..	1900		B.Sc.
WAINWRIGHT, John William .. .	1917		B.A.
† WAIT, Marthe Lucy	1920		B.A.
WALE, William Henry	1896	Oxford (1874)	Mus. Bac.
WALKER, Daniel	1887		B.Sc.
WALKER, Ellen Lawson	1899		B.Sc.
WALKER, Francis Sophia	1908		Mus. Bac.
WALKER, Jane Elizabeth	1908	Wales ()	B.A.
* WALKER, William John	1885		B.A.
WALL, Frederick Lawrence	1914		M.B., B.S.
WALL, Kathleen May	1917		B.A.
† WALLACE, George Gilbert	1919		B.A.
† WALLMANN, Douglas Robson .. .	1918		M.B., B.S.
WALLMANN, Reginald Horton .. .	1907		L.L.B.
† WALMSLEY, Robert Leitch Eric ..	1920		M.B., B.S.
WALTER, Hilda Blanche May .. .	1915		M.A.
WALTER, William Ardagh Gardner	1909	Oxford (1908)	B.A.
WALTON, Gertrude Mary	1904		B.A.
WARD, Cyril Michael	1912		M.A.
† WARD, Harry Lancelot	1920		B.A.
WARD, John Frederick	1908		M.A.
WARD, Leonard Keith	1913	Sydney (1903)	B.E.
WARREN Sidney Lilla	1915		B.A.
* WARREN, Thomas Hogarth	1889		L.L.B.
WATERHOUSE, Arthur Greaves .. .	1917		L.L.B.
WATERHOUSE, Louis David	1914		L.L.B.
WATKINS, Charles Thomas	1907		L.L.B.
WATSON, Archibald	1885	Paris (1880)	M.D.
† WATSON, Arthur Harrison Edward	1920		M.B., B.S.
* WAY, Edward Willis	1877	Edinburgh (1871)	M.B.
* WAY, The Right Hon Sir. Samuel James (Bart)	1892	D.C.L., Oxford (1891)	L.L.D.
WEBB, John Newton	1917		M.B., B.S.
WEBB, Noel Augustin	1886		L.L.B.

* Deceased.

† Not yet Members of Senate.

* WEBB, Robert Bennett	1877	Oxford (1869)	M.A.
WEHRSTEDT, Walter Franz	1899		B.A.
WEIR, Isobel	1914		B.A.
WELD, Elizabeth Eleanor	1901	Melbourne (1901)	M.B.
* WELD, Octavius	1877	Toronto (1856)	B.A.
WELLS, Clement Victor	1902		M.B., B.S.
* WELLS, John Clarence	1912		M.B., B.S.
WEST, Arthur George Bainbridge	1897	Oxford (1892)	M.A.
WEST, Gordon Roy	{ 1904 1908		B.Sc. M.B., B.S.
WEST, John Stanley	1914	B.Sc., 1907, surrendered for B.E., 1914	B.E.
WEST, Reginald Arthur	1905		M.A.
* WEST-ERSKINE, William Alexander Erskine	1877	Oxford (1864)	M.A.
WHEATLEY, Frederick William	{ 1904 1913		B.A. D.Sc.
WHEELER, Alfred	1904	Cambridge ()	M.A.
† WHITE, William John	{ 1918 1920		B.E. M.E.
WHITHAM, Annie Beatrice	1905		B.A.
WHITTINGTON, Bertram	{ 1899 1913		B.Sc. B.E.
WHITTINGTON, Frederick Taylor	1886		LL.B.
WHITTINGTON, Louis Arnold	1911		LL.B.
* WHITTELL, Horatio Thomas	1877	Aberdeen (1858)	M.D.
WIBBERLEY, Brian	1911		Mus. Bac.
WIBBERLEY, Brian William	{ 1911 1914		B.Sc. M.B., B.S.
WIEN-SMITH, Geoffrey	1915		M.B., B.S.
WIEN-SMITH, Otto	1915	Edinburgh (1889)	M.D.
WIGHT, Albert Raymond	1914		B.E.
* WILKINSON, Frederick William	1884		B.A.
WILKINSON, Herbert John	1914		B.A.
WILCOX, Frank Mayes	1919	Edinburgh (1913)	M.D.
WILLIAMS, Arthur Evan	1914		M.B., B.S.
WILLIAMS, Caroline Margaret	1915		B.A.
WILLIAMS, Eirene Mary	1907		B.A.
* WILLIAMS, Francis	1877	Oxford (1860)	M.A.
WILLIAMS, Francis Edgar	1914		B.A.
WILLIAMS, Frank Laurie	1905		LL.B.
WILLIAMS, James Henry	1908		B.A.
WILLIAMS, Mabel Evangeline	1916		M.A.
WILLIAMS, Matthew	1887		B.A.
WILLIAMS, Ralph	1914		B.Sc.
WILLMOTT, Josiah Percival	1907		B.Sc.
† WILLSMORE, Elsie Victoria	1913		Mus. Bac.

* Deceased.

† Not yet Members of Senate.

WILLSMORE, Hurtle Binks	1916		B.Sc.
WILSON, Cecil	1912	Cambridge (1886) ..	M.A.
WILSON, Charles Ernest Cameron	1900	Melbourne (1890)	M.B.
WILSON, James Beith	1806		B.A.
† WILSON, Laurence Algernon .. .	1918		M.B., B.S.
WILSON, Thomas George	1904	Sydney (1904) .. .	M.D.
WILTON, Alexander Cockburn .. .	1911		M.B., B.S.
WILTON, John Raymond	{ 1903 1911 1914	Cambridge (1911) ..	B.Sc. M.A. D.Sc.
† WINNALL, Nancy Eleanor	1919		B.Sc.
WINTER, William Harris	1913	Dublin (1891) .. .	B.A.
WINTON, Louis Joseph	1920	Sydney (1901) .. .	B.E.
WINWOOD, Susan Ann	1904		Mus. Bac.
WOOD, Montague Couch	1888	Oxford (1880) .. .	M.A.
* WOODS, John Crawford	1877	Edinburgh (1843) ..	B.A.
† WOODS, Julian Gordon Tenison ..	1918		LL.B.
† WOOLNOUGH, Harold	1906		B.A.
WOOLNOUGH, Walter George	1904	Sydney (1904) .. .	D.Sc.
WORSNOP, Elsie Madeline	1913		M.A.
* WORTHINGTON, Thomas	1898	Cambridge	M.A.
WRIGHT, Charlotte, Elizabeth Arabella	1883		B.A.
WRIGHT, George Herbert	1906		B.A.
WRIGHT, Lewis Garner	1891		LL.B.
WRIXON, Sir Henry John	1901	Dublin	M.A.
† WURM, Bertram Eric	1920		M.B., B.S.
WYLLIE, Alexander	{ 1888 1891		B.A. B.Sc.
WYLLIE, Hugh Alexander	1915		M.B., B.S.

Y.

YATES, Donald	1919	B.Sc. 1915, surrendered for B.E., 1919	B.E.
YEATMAN, Charleton	1910		M.B., B.S.
YOUNG, Aretas Charles William .. .	1883	Oxford (1871) .. .	B.A.
YOUNG, David Hastings	1894	Edinburgh	M.B.
YOUNG, Sir Frederick William	1897		LL.B.
YOUNG, William John	1883	Dublin (1882) .. .	M.A.
YOUNKMAN, Landau	1910		B.Sc.
YULL, George Ashwin	1913		LL.B.

Z.

:ZWAR, Bernhard Traugott	1908	(Melb. M.D., 1902, M.S., 1908)	M.D., M.S.
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QUALIFIED FOR THE DEGREE OF B.Sc., 1918.

* DEALY, Frank Henry

* Deceased.

† Not yet Members of Senate.

List of Graduates who have taken Honours Degrees.**HONOURS DEGREE OF MASTER OF ARTS.**

<i>Year.</i>	<i>Name.</i>	<i>School.</i>
1908	Ward, J. F.	Classics
1912	Paynter, R. H.	Classics
1913	Ellis, F.	Mathematics
1915	Potts, G. M.	Classics

HONOURS DEGREE OF BACHELOR OF ARTS.

(INSTITUTED 1901.)

FOR PREVIOUS LISTS SEE CALENDAR FOR 1918.

<i>Year.</i>	<i>Name.</i>	<i>School.</i>	<i>Class.</i>
1914	Allen, Eleanor Alice	Philosophy	I.
	Price, W. J.	Classics	II.
	Stewart, C. G.	Classics	II.
	Tassie, Jean R.	Classics	II.
	Williams, F. E.	Classics	I.
1915	Berry, Frances W.	Classics	III.
	Burgess, F. M.	Classics	I.
	Davey, Constance M.	Philosophy	II.
	Dorsch, E. G.	Classics	II.
	Sharman, Ethel Olive	Classics	II.
1916	Gillman, Phyllis Constance	Classics	II.
	Somerville, Sesca Lewin	Classics	II.
1917	Mander Linden Alfred	History	I.
1918	Somerville, Dorothy Christine	Classics	III.
1920	Naylor, Margaret M. J. Darnley	Classics	III.
	Wait, Marthe Lucy	Classics	III.

HONOURS DEGREE OF BACHELOR OF SCIENCE.

(INSTITUTED 1901.)

FOR PREVIOUS LISTS SEE CALENDAR FOR 1918.

1912	Jauncey, G. E. M.	Physics	I.
1913	Dawkins, A. E.	Chemistry	I.
	Hardy, T. M.	Chemistry	II.
1914	Baxter, R. R.	Chemistry	II.
1916	Burdon, R. S.	Physics	I.
1917	Hurst, W. W.	Chemistry	II.
1919	Winnall, Nancy E.	Botany	II.
1920	Reid, Eileen R. L.	Botany	II.
	Simpson, Hugh D.	Physiology	II.

**List of Students in Law
who have obtained the Final Certificate.**

ALDERMAN, Henry Graham	1917	GOLDSWORTHY, William Beazley ..	1903
ANDREWS, Walter Frederick	1888	* GREER, George Andrew	1889
ASHTON, Edward James Wilberforce	1896	GUN, Clement Townsend	1920
ATKINSON, Alfred Harris Owst	1900	GWYNNE, Ilted Gordon	1891
BADGER, Magnus	1918	HAGUE, Percy	1897
EAKEWELL, William Kenneth	1908	* HAMP, John Chipp	1887
BENNY, Benjamin	1891	HARGRAVE, Charles Townshend ..	1904
BERRY, George Augustus	1887	HARGRAVE, Joshua Addison	1890
* BERTRAM, Robert Matthew	1888	HESELTINE, Samuel Richard	1903
BOUCAUT, George Hiles	1906	HEUZENROEDER, Rudolph Hermann	1913
BRAY, Cecil Thomas	1900	HILL, Henry Richard	1887
BRIGHT, William Stuart	1904	HILL, Herbert Edward	1898
CASTLE, Gordon Harwood	1885	HOLLAND, George Holland	1920
CAVENAGH, James Gordon	1881	HOLLAND, William Corin	1909
CLARKE, Laurence Eric	1920	HOMBURG, Hermann	1896
CLELAND, Thomas Erskine	1919	HOMBURG, Robert	1897
COVENTRY, Charles James	1911	HUNT, William Robert	1919
DAVENPORT, Arthur Vernon	1916	JAMES, Alfred Charles	1899
DALY, John Joseph	1919	JOHNSON, James Howard	1900
DAVEY, Robert Shannon	1915	JOYNER, Frederick Allen	1885
DAVISON, John Hubert Hawdon ..	1903	KEATS, Frederick Phillips	1909
DENNY, William Joseph	1908	KENNEDY, Donald Angas	1904
DOWNER, Frank Hagger	1886	KIRKMAN, Kenneth Hainsworth ..	1918
DRIFFIELD, George Carus	1889	LAKE, Clement William Hingston ..	1907
DURSTON, Sidney Bridle	1889	LITTLE, Egbert Percy Graham .. .	1898
FISHER, Guy	1920	McEWIN, George	1897
FLEMING, Stanley Hugh	1902	McGEE, John	1916
FOSTER, Henry Edgar	1889	MACKENZIE, Charles Norman	1909
FOX, John Henry	1895	McLAUCHLAN, Alexander John	1894
GENDERS, Eustace Alexander	1916	MARTIN, Hugh Wallis	1920
GELSTON, Hedley Ringrose	1914	MELLOR, Thomas Reginald	1915
GEFFORD, Alfred Silva Harrill .. .	1919	MICHELL, George Francis	1888
GILES, Acland	1905	MICHELL, George Wilfrid	1920
GILLEN, Vincent de Paul	1907	MITCHELL, Harold Flinders	1908
GOLDSWORTHY, Spencer Gordon ..	1916	MOULDEN, Frank Beaumont	1895

MUIRHEAD, Henry Mortimer	1900	SMITH, Paul Teesdale	1920
NESBIT, Hubert Gordon Pariss	1915	STOCKDALE, William John	1889
NESBIT, Reginald George	1900	STUART, Walter Leslie	1900
NICHOLLS, Theodore Henry	1900	* SUPPLE, Charles Joseph	1900
NORTH, Charles Vincent Rice	1919	SUTHERLAND, Allan James Lavis ..	1919
OWEN, William Frederick	1906	SWEENEY, John Grant	1915
PEARSON, Charles Mason	1917	TAPLEY, Willis Wayte	1909
PENNY, Bertram Stephens	1908	* TAYLOR, Harry Braithwaite	1886
PENNY, Clifton Raymond	1893	TENNANT, Frederick Augustus	1899
POVEY, Edward	1916	TUCKER, Reginald Mervyn	1915
PYNE, William Ewart	1915	VANDENBERGH, William John	1896
RANKIN, Henry Oliver Arthur	1912	VON BERTOUCHE, Leopold	1920
REGAN, James William	1913	VON BERTOUCHE, Rupert Paul Al-	
REID, Walter Gliddon	1909	brecht	1892
ROBERTS, Donald Arthur	1912	VON DOUSSA, Stanley Bowman	1901
ROLLISON, William Alexander	1915	WARD, Henry Torrens	1900
RONALD, Stuart Douglas	1910	WARREN, Sydney John	1911
ROUNSEVELL, Horace Vernon	1888	WEAVER, Alfred Charles	1903
ROWLEY, Spencer Toler	1888	WEBB, Albert Bindley	1905
RUTTER, George Lyall	1920	WHITBY, Percy Edward Robert	1891
SANDERSON, Kenneth Francis Vil-		WIGLEY, Henry Vandeleur	1890
liers	1918	WINNALL, John Edward Hyde	1893
* SELWAY, George	1919	WOOLDRIDGE, William Phillips	1894
SHEPHERD, Joseph Scoresby	1899	WRIGHT, Charles Joseph Harvey	1888
SMITH, Frank Seymour	1914	ZEISING, George Ignatius	1919
SMITH, Francis Villeneuve	1906		

* Deceased.

Associates in Music.

ADAMSON, Myrtle Gwendoline	1918	BRUGGEMANN, Martha Dorothy	1904
ALEXANDER, Mary Vera	1917	CHAPLIN, Erica Rita Ina	1916
ANDREW, Una Lois	1915	CHEEK, Muriel Elizabeth	1909
ATTIWELL, Edna Marie	1918	CILENTO, Gladys Muriel West	1913
BAMPTON, Alfred John	1915	COLLINS, Ella Mary	1916
BASEDOW, Ivy Marie	1912	COONAN, Rita Norlean	1919
BROWN, Kathleen Mary	1917	COUMBE, Hurtle Harold	1912

DAVY, Robia Claudia Emily	1903	PADDON, Una Margery	1920
d'ARCY-IRVINE, Alice Bond	1913	PALMER, Ethel Rose	1913
DAY, Florence Muriel	1913	PARKINSON, Charlotte Ethel Violet	1901
EVANS, Bert	1913	PHIPPS, Charlotte Lucy Barkwell ..	1905
FLAHERTY, Annie Josephine	1907	PUDDY, Maud Mary	1900
* FORSAITH, May East	1912	FYNE, Tryphena Grace	1918
GARD, Harold John	1918	REIMANN, Hilda Marie	1912
GILL, Hilda Beatrice	1916	RIEDEL, Melita Wanda	1918
GOSS, Lucy Vera	1909	ROACH, Mary Moyle	1910
GRIFFITHS, George Townsend	1914	ROBERTS, Winifred Sophie	1911
HANTKE, Ethel Hilda Hedwig	1902	ROWE, Elsie Maud	1919
HILLS, Walter Bedford	1904	ROWE, Florence Nellie	1914
HINE, Clytie May	1908	RUDEMANN, Elsa Wilhelmine	1903
HOCHE, Edith	1908	SARA, Lily Emmaline	1916
HOGAN, Eileen Margaret	1917	SAYERS, Alice Mabel	1901
HOLMAN, Frank Reginald	1919	SCAMMELL, Ethelwyn	1919
HOWARD, Winnifred Jean	1917	SHORT, John Thomas Gordon	1907
INGHAM, Myrtle Lavinia	1916	SIMCOCK, Hilda May	1917
JAMES, Doris	1912	SPEHR, Francesca	1901
JAMES, Vida Margretta	1917	SPRIGGS, Harriet Rosetta	1919
JONES, Lewis La Vence	1919	TAYLOR, Gladys Leslie	1908
JOYCE, Kate	1904	THRUSH, Annie Vera	1915
KEN, Lillian Guard	1920	WALLMANN, Beatrice May	1909
KEMP, Marion Kirkwood	1903	VARDON, Daisy	1914
KOLLOSCH, Samuel	1910	VIRGO, Violet Myra	1919
LEVASSEUR, Kate	1918	WALL, Myrtle Trilby	1917
MANNING, Hilda Mahala	1902	WHILLAS, Helen May	1901
MARTIN, Thelma Dorothy	1917	WHITTINGTON, Clytie Myrtle	1917
MEEGAN, Kathleen Mary	1917	WHITTINGTON, Sylvia Muriel	1911
MEWKILL, Paula Mary	1915	WIBBERLY, Brian	1908
OLDHAM, Dorothy	1914	WILLIAMSON, Arthur Burton	1908
		WORDIE, Ada Winifred	1918
		YATES, Edgar William David	1920

* Deceased.

List of Commercial Students who have obtained the Advanced Commercial Certificate.

COFFEY, William James	1904	MUIR, Thomas Grieve	1904
DONNELLY, Albert Laurence	1905	ROBERTSON, John George	1906
KLEEMAN, Theodore Richard	1906	RUSSACK, Friedrich Wilhelm	1907
McMICHAEL, Clunie Brice	1904	THREADGOLD, Stanley Garfield	1907

**List of Commercial Students who have obtained the Diploma
in Commerce.**

ANDERSON, Reginald Hamp	1910	MILNE, Alexander	1910
ANNELLS, Herbert Edward	1908	MITCHELL, Bruce	1919
BATHGATE, John Pender	1916	MOYES, Cecil Clarence	1918
BATTFE, Ross	1920	MOYES, Charles Robert	1913
BAYLY, Edward Benjamin	1910	MOYLE, John Ewart	1917
BAYLY, William Lawes	1918	MUECKE, Carl Wilhelm Ludwig ..	1908
BRAY, Clifford Samuel	1908	NEEDHAM, George Francis Jack ..	1911
CALDER, William Cormack	1913	NEUENKIRCHEN, Hermann Adolph	
CANT, Leonard George	1917	Heinrich	1912
COTTON, Robert Harold	1908	PAINTER, Edward Websdale	1920
COTRELL, John Ledsam	1920	PARR, Harry Sidney	1916
CRESWELL, John	1919	PONDER, Gilbert Walter Graham ..	1914
DOBSON, Alfred James	1909	PROUD, Katherine Lily	1910
FRY, Arthur Henry Percival	1910	ROBERTSON, George Oliver	1908
GALE, Frederick Julius	1910	ROONEY, Patrick William	1918
HARRIS, Russell Hope	1912	RUSSACK, Frederick William	1913
HARRISON, William Frank	1908	SAMBELL, Frederick James	1919
HENDRY, Campbell Alexander	1914	SHEPPARD, Bernard Aubrey	1901
HIGGINS, Harry Coote	1920	SMITH, Charles Alfred	1910
HOGBEN, Alfred Richard	1909	SOLLY, Hubert Ambrose	1913
HOGBEN, Horace Cox	1915	STEELE, Robert Moore	1908
HOWIE, George Percival	1916	TASSIE, Eric Harry	1917
JAMES, Charles Kingsley	1918	THOMAS, Harold Clarke	1908
KIRKMAN, David	1908	TURNER, Percy	1913
KINNISH, Florence Maud	1920	VAWSER, Leeson William	1920
LENTON, Leslie	1910	WAUCHOPE, James George Neilson	1911
MENGERSON, Norman Victor	1919	WHEELER, Horace Roseby	1911
MENKENS, Frank Hermann	1908	WHITRIDGE, Gladstone Keith .. .	1920
MESSENT, Albert Edward	1902	WILLIAMS, John Carter	1917
MILLER, Gavin Robert	1918	WINTER, Claude Howard Stanley ..	1914
MILLS, Edward Whitfield	1915	WOOD, Alfred Evelyn	1920

**Diploma in Mining Engineering and Metallurgy and Fellowship
of the South Australian School of Mines and Industries.**

* BAYLY, Brian Brock, B.Sc.	1907	* HOOPER, Charles William, B.Sc. . .	1906
* BELL, Willoughby George, B.Sc. . .	1903	JUDELL, Lester Maurice Wolff, B.Sc.	1905
CLARK, Archie Septimus, B.Sc. . . .	1902	LANGDON, Reginald Yorke, B.Sc. . .	1905
CLELAND, William Lauder, B.Sc. . .	1905	* McARTHUR, David William Stanley,	
CONNOR, Julian Dove, B.Sc.	1902	B.Sc.	1904
FAIRWEATHER, Andrew, B.Sc.	1904	MARTIN, Victor Garfield, B.Sc. . . .	1906
GARDINER, Beauchamp Lennox, B.Sc.	1904	MOORE, Bertie Harcourt, B.Sc. . . .	1902
GARTRELL, Herbert William, B.A.,		PATON, Adolph Ernest, B.Sc.	1904
B.Sc.	1912	WAINWRIGHT, Charles Leonard,	
GREENWAY, Thomas Charles, B.Sc.	1904	B.Sc.	1905
HESELTINE, Frederick Augustus,		WHITTINGTON, Bertram, B.Sc.	1901
B.Sc.	1905		

* Deceased.

Diploma in Electrical Engineering.

(OLD REGULATIONS.)

CHAPPLE, Ernest, B.Sc. 1904

Diplomas in Applied Science.

MINING ENGINEERING

ANGWIN, William Britton, B.Sc. . . .	1910	MADIGAN, Cecil Thomas, B.Sc. . . .	1911
CHAPMAN, Robert Hall, B.E.	1912	KNIBBONE, Christopher Stephen, B.E.	1920
ESPIE, Frank Fancett, B.E.	1913	ROBINSON, Roy Lister, B.Sc.	1904
GREENWAY, Harold, B.E.	1907	SOHNEIDER, Walter Hermann, B.E.	1920
HOLDER, Evan Morecott, B.E.	1910	* STUCKEY, Vivian Charles, B.E. . . .	1909
KENNEDY, Alexander Lorimer, B.E.	1915	SYMONDS, George Burnett Lionel,	
		B.E.	1919

ELECTRICAL ENGINEERING.

ANGWIN, Hugh Thomas Moffitt, B.E.	1911	BURGESS, Leslie Frank, B.Sc.	1909
REGG, Reginald Haussen, B.Sc. . . .	1911	COOPER, Wilfred Windham, B.E.	1913
BERRIMAN, Robert Harold, B.E. . . .	1920	DART, Ralph John	1914
BROWN, Arthur Cubitt, B.E.	1914	DUMAS, Russell John, B.E.	1910

ELLIS, Frank, B.E.	1908	MONGAN, Horace John	1918
* GILBERT, Joseph, B.Sc.	1908	NICHOLSON, Hugh John Gay, B.E.	1916
GILL, Lancelot Waring, B.E. . . .	1909	POTTS, William Andrew, B.E. . . .	1913
GOODMAN, Cyril William, B.E. . .	1915	RENNIE, Edward James Cadell, B.E.	1907
GRAY, William Watt Erskine, B.E.	1912	ROSMAN, Frank Edgar, B.Sc. . . .	1909
GREENLEES, Alan David, B.E. . . .	1910	SCOTT, Ronald Melville, B.E. . . .	1912
HUTCHESON, George Ian Dewart, B.E.	1917	SMITH, Raydon Berry	1917
LANG, William Holland, B.Sc. . . .	1908	SMITH, Harold Whitmore, B.E. . . .	1906
MCDONALD, Cyril George Hugh, B.E.	1917	SOMERVILLE, Hugh Norman, B.E. . .	1920
* McNAMARA, Louis Warnecke, B.E.	1911	SWIFT, Harry Houghton B.E. . . .	1915
MESSENT, Keith Santo	1920	TASSIE, Robert Wilson, B.Sc. . . .	1909
		TUCK, Harry Playford	1920
		WEST, John Stanley, B.E.	1908

MECHANICAL ENGINEERING.

ALTMANN, Arthur Richard	1920	PARSONS, Rex Whaddon, B.E. . . .	1915
BROOKMAN, John Ragless, B.E. . .	1907	SCHNEIDER, Waiter Herman	1920
LAYBOURNE-SMITH, Louis, B.E. . .	1908	STOBIE, James Cyril	1919
McCLOUGHRY, Edgar James	1920	TILEMANN, Carl Norboy	1920
MOTTERAM, Philip, B.E.	1914	WHITE, William John, B.E.	1911

METALLURGY.

BASEDOW, Fritz Johannes, B.E. . .	1912	SNOW, Wilfrid Rippon, B.E.	1914
GOODE, Kenneth Burden, B.E. . . .	1914		

CIVIL ENGINEERING

ANDERSON, William Moffat	1920	ROBIN, Rowland Cuthbert	1920
MELBOURNE, Henry Eoin Sydney, B.E.	1920		

DIPLOMA IN FORESTRY.

PINCHES, Alfred Leslie	1914	SCHEDLICH, Alfred Karl	1914
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* Deceased.

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.
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Chapter III.—Of the Senate.

1. The Senate shall meet at the University on the fourth Wednesday in the months of March, July, and November respectively; but if the Warden is of opinion that there is not sufficient business to bring before the Senate, he may direct notice to be issued that the meeting shall for that time lapse.
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.

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, 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 Professor of Laws.
- i. The Professor of Physiology.
- j. The Professor of Modern History and English Language and Literature.
- k. The Professor of Engineering.
- l. The Professor of Botany.
- m. The Professor of Pathology.

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.

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 June 11, 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.

** Allowed 18th September, 1900.*

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.

Chapter VI.—Of Leave of Absence.

1. 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, on such Professor or Lecturer or other officer providing a substitute, to be approved by the Council.

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 commence on the second Tuesday in March, and the third term shall terminate on the second Tuesday in December in each year.

3. The Council shall year by year fix the commencement of the second and third and the termination of the first and second terms, and there shall be two vacations of a fortnight each during the Academical Year.

* Allowed 3rd December, 1902.

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

Chapter IX.—Of Matriculation and Degrees.

1. 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."

*1. (A) Every undergraduate, or student qualified to enter upon a graduate or diploma course in the University, or non-graduating student, shall enter his name, and pay the fees, not less than fourteen clear days before the beginning of the first term. Students awaiting the results of the Senior, Preliminary Medical, or Supplementary Examinations in February or March shall enter their names provisionally at the same time.

Nevertheless the Council may, on special and satisfactory reason being assigned, receive entries within seven days after the date above fixed, but in every such case an extra fee of ten shillings shall be required. Any still later application for entry shall be made to the Dean of the Faculty, and on his recommendation may be accepted, on payment of a further fee of 10/. Any special fee may, in special circumstances be remitted by the Council. The Council may also in special circumstances allow payment of fees to be postponed till a later date.

2. Students who shall have fulfilled all the conditions prescribed by the Statutes and Regulations for any Degree may be admitted to that Degree at a meeting of the Council and Senate, to be held at such time as the Council shall determine.

3. Any person who has been admitted to a Degree in any University recognized by the University of Adelaide, may be admitted *ad eundem gradum* in the University of Adelaide.

4. Every candidate for admission to a Degree in the University shall be presented by the Dean of his Faculty; but candidates may be admitted *in absentia* with the permission of the Council.

5. Persons who have completed the whole or part of their undergraduate course in any University or College of a University recognised by the University of Adelaide, may with the permission of the Council be admitted *ad eundem statum* in the University of Adelaide.

* Allowed 10th December, 1919.

6. The following shall be the forms of Presentation for Admission to Degrees :

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 from South Australia _____ to the rank and privileges of a _____ in the University of Adelaide.

Chapter X.—Of the Faculties.

- *1. There shall be Faculties of Arts, Science, Law, Medicine, Music, and Dentistry.
- †2. (a) The Faculty of Arts shall consist of the Chancellor and Vice-Chancellor, the Professors and Lecturers in Greek, Latin, English Language and Literature, French, German, History, Economics, Mental and Moral Science, the Professor of

* Allowed 9th December, 1920.

† Allowed 7th December, 1904.

Mathematics, 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.
- 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 IX.—Repealed.

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 various Faculties, the Chairman of the Board of Musical 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 on the premises of the University.

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

(a) To dismiss such complaint.

(b) To admonish the Student complained against.

(c) To inflict a fine on such Student not exceeding forty shillings.

(d) To administer a reprimand either in private or in the presence of any Class attended by such Student.

- (e) To suspend such Student temporarily from attendance on any course of instruction in the University.
- (f) To exclude such Student from any place of recreation or study in the University for any time not extending beyond the current Academical Year.
- (g) To expel from the University such Student.

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 7th December, 1904

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,

I. There shall be a Scholarship of the annual value of £200, tenable for two years, called the "Angas Engineering Scholarship."

II. 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.

III. 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.

IV. 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.

V. 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 June 1st of the year in which the competition is held, either an original engineering design or a thesis setting forth the results of an original scientific investigation made by the candidate in some subject allied to engineering. The subject of the design or thesis must have been submitted to, and approved by, the Faculty of Science at least two months previously. Each candidate must adduce, if required, sufficient evidence of the authenticity of his design or thesis. 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 design or thesis is taken.

VI. 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.

VII. Payment of the Scholarship, computed from the first day of July following the competition, 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.

VIII. 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.

IX. On his returning to settle in South Australia within five years from the time of gaining the Scholarship, and in possession of such Degree, Diploma, or Certificate as an Engineer as the Council shall approve, and upon his writing to the approval of the Council a report of his proceedings and engineering work, the Scholar shall receive the further sum of £70 towards his travelling expenses.

X. 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.

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

XII. 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/.

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

XIV. 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 Dean of the Faculty of Science 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.

* Allocated December 5th, 1918.

XV. Payment of the Exhibitions shall be made quarterly, beginning with the first day of June 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.

XVI. Should any Exhibitioner not retain his Exhibition for three years, the Council may at its discretion

- (a) Award it to any candidate who, at the original examination, was worthy to receive it ; or
- (b) Offer it for competition at a special examination in subjects to be prescribed by the Council. All persons shall be allowed to compete who were of an age to do so at the original examination.

The Exhibition shall not be awarded unless the Council is satisfied that one of the candidates is worthy to receive it ; and, if awarded, shall (notwithstanding anything in these Statutes contained) be held only from the date of the award until the expiration of the three years during which it would have been held had the vacancy not occurred ; or

- (c) Withhold it for such time as the Council deems fit.

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

C. General.

XVIII. Candidates for the Scholarship shall give at least three calendar months' notice, and candidates for the Exhibition at least one calendar month's notice, in the prescribed form, of their intention to compete, and shall with their notices of entry forward to the Registrar evidence satisfactory to the Council of their having fulfilled the conditions stated in these Statutes.

XIX. 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 the sum of £70 mentioned in the ninth of the Statutes in this chapter, 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.

XX. 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 24th December, 1917.

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 at the annual examination, in November, for the Ordinary Degree of Bachelor of Arts, who shall have passed the best examination in the subject of English Language and Literature, and who shall be adjudged by the Examiners to be worthy of the Prize.

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 not consider any candidate worthy of the Prize, they shall so report, and no award shall be made for that year; but there shall not be by reason of that lapse 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 topic in English Literature and, if this is approved by the Faculty, shall at the end of fifteen months from the award, or such extended time as the Council, under special circumstances, may allow, present to the Council a thesis on that topic. If the Prizeman complies with these conditions, and the thesis is pronounced by the Examiners, appointed by the Council, to be worthy, he shall receive a further payment of one-half the income available from the fund, and shall then be entitled to the title of "John Howard Clark Scholar." If the

** Allowed 13th December, 1917.*

thesis is pronounced unworthy, he shall have no right to such payment or such title, and they shall not be awarded.

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 worthy 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 21st December, 1910.

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 December 12, 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 January 13, 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:—

- I. 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).

- II. 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.
- III. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.
- IV. The scholar shall be in all respects subject to the discipline, and to the statutes and regulations for the time being, of the University.
- V. 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.
- VI. 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.
- VII. The University shall pay the fees at the School of Mines for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in Medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

Chapter XVIc.—of the Archibald Mackie Bursary.

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

- I. 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).

- II. 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.
- III. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.
- IV. 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.
- V. 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) 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

For Bachelors and Doctors of Laws, Bachelors and Doctors of Medicine, Bachelors and Masters of Surgery, Bachelors and Masters of Arts, Bachelors and Doctors of Science, Bachelors and Masters of Engineering, Bachelors and Doctors of Music —Black gowns 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 Arts, grey ; for Bachelors of Science, yellow ; for Bachelors of Engineering light-brown ; and for Bachelors of Music, green.

* Allowed 24th December, 1913.

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 affixed.

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 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—

I. 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

II. 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.

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 :—

- I. The Scholarships shall be called the Dr. Davies-Thomas Scholarships, and shall be competed for annually.
- II. Each Scholarship shall be of the value of £10 and shall be awarded to the best student in each of the Third and Fourth years of the M.B. course who shall be placed in the First Class.
- *III. The money shall be paid to the Scholars at the next ensuing Commemoration.
- IV. These Statutes may be varied from time to time.

**Allowed 26th January, 1893.*

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., or Mus. Bac. degree.

+2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Higher Public 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 Higher Public Examination and the marks obtained for an English essay as prescribed in the syllabus for that 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., or Mus. Bac. degree. Half the amount of the Studentship shall be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

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

Allowed 24th December, 1913.

+ Allowed 13th December, 1917.

Allowed 7th December, 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 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.

** Allowed 30th November, 1916.*

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 versâ*.
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.

* Allowed 10th December, 1919

† Allowed August 12th, 1903.

‡ Allowed December 5th, 1918.

- *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.
- *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.
- *8. During the continuance of the present war every student of the University shall, as soon as possible, unless exempted by the Council, make and sign the following declaration in the presence of the Registrar or other duly appointed person:—

“ I solemnly and sincerely declare and affirm
my absolute allegiance and loyalty to
the British Throne and Empire.”

* Allowed 12th August, 1915.

† Allowed 19th April, 1917.

Allowed 27th December, 1899.

Chapter XXVI.—Of the Affiliation of Perth Technical School.

Whereas application has been made by the Education Department of Western Australia for affiliation of Perth Technical School to the University, it is hereby provided that—

1. The Perth Technical School is affiliated to the University of Adelaide.
2. The Council of the University shall from time to time determine what courses of instruction at Perth Technical School shall qualify students in regular attendance thereat to sit for the examinations of the University of Adelaide.

Allowed 11th December, 1901.

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 elect 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:—

- *I. 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.
- †II. 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.
- III. 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.
- IV. 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.
- V. The subject of the Lecture shall from time to time be approved by the Council of the University.
- VI. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said Medal, the payment of the said Lecturer, and the publication of his Lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the Professors, Lecturers, and Examiners engaged or to be engaged in the work of the Commercial Courses for the time being of the University, as the Council of the University shall determine.
- VII. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

* Allowed December 12th, 1807.

† Allowed December 5th, 1912.

Allowed 13th 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—

- I. The Roseworthy Agricultural College is affiliated to the University of Adelaide.
- II. The Council of the University may from time to time exempt students who have attended the courses of instruction and passed the examinations of the said College in the following subjects:—

Agriculture,
Viticulture and Oenology,

from attendance at lectures, and from examinations, in the corresponding subjects of the course for the Ordinary Degree of B.Sc.

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:—

- I. There shall be two Scholarships tenable for two years each, to be called "The Tinline Scholarships," one of which shall be awarded every year on the examinations in History for the Ordinary Degree of Bachelor of Arts, provided that if the Examiners shall not consider any Candidate worthy to receive the Scholarship, it shall lapse for that year.
- *II. Each scholar shall prepare an original thesis on some subject of Imperial or Colonial History to be approved of by the Faculty of Arts 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.

** Allowed 1st April, 1920.*

- *III. 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.
- IV. 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.
- V. This Statute may be varied from time to time, but the title and purpose of the Scholarships shall not be changed.

** Allowed 1st April, 1920.*

Allowed April 1, 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, the amount so unawarded shall remain at the disposal of that Faculty until it can be fitly awarded.

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 January 13, 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 examination, if suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others.

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.

Alloved 24th August, 1910.

Chapter XXXIII.—The Lowrie Scholarships.

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

1. The University shall give in succession four Scholarships, each of £150, and tenable for one year. Each of these shall be called a Lowrie Scholarship.
2. Candidates for a Scholarship must have qualified for a degree of the University.
3. The Scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit.

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

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

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

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

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

8. The sum of £150 shall be paid to the Scholar in five sums of £30 each, payable thus:—The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the 1st day of January following, the fifth upon the presentation of the results of the research as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been

suspended or withheld, or the Scholar deprived of his Scholarship, under section 7 hereof. In the cases last named the sum or sums so forfeited shall be dealt with in such manner as the Council may determine.

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

Allowed 10th August, 1916.

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

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

It is hereby provided that :—

1. There shall be an annual Scholarship and Medal, to be called the John Bagot Botany Scholarship and Medal.

2. The John Bagot Scholarship and Medal in bronze shall be awarded to the student placed first in the first class in the annual examination in Elementary Botany, in the B.Sc. course.

Should he decline to accept the Scholarship he shall be entitled to receive the Medal, and the Scholarship may then be awarded to the next in order of merit in the first class, who may be willing to comply with the prescribed conditions.

Should no candidate be adjudged of sufficient merit, no Scholarship shall be awarded for that year, but the value of the Scholarship shall be devoted to a fund to provide other prizes in Botany.

3. The scholar shall be exempt from payment of fees for the study of Botany in the University for the ensuing year, and, if his conduct and work be considered satisfactory to the Faculty of Science, 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 be already in receipt of a Scholarship or prize exempting him from payment of his fees for the study of Botany in the University the John Bagot Botany 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 his course in Botany to the satisfaction of the Faculty of Science.

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

Altered 9th January, 1913.

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

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

Now it is hereby provided as follows:—

A Prize of the value of ten pounds, called the "Bunday Prize for English Verse," shall be awarded in April of each year to the person who, in the opinion of the professors in letters and philosophy, shall have written the best poem on a subject prescribed by the Faculty of Arts: provided that, if the Examiners shall not consider any candidate worthy to receive the Prize, it shall lapse for that year.

The subject and length of the poem shall be intimated in June of each year. No restriction shall be imposed concerning the choice of metre, but the dramatic form shall not be allowed.

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 the 1st of June following.

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

The successful poem shall be retained in the Library of the University.

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

Allowed 7th August, 1913.

Chapter XXXVI.—Of the John Creswell Scholarships.

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

1. Four Scholarships, to be called "The John Creswell Scholarships", shall, subject to the conditions hereinafter set forth, be awarded in each year: one by the South Australian Cricket Association (hereinafter called "the said Association"), one by the Royal Agricultural and Horticultural Society of South Australia, Incorporated (hereinafter called "the said Society"), and two 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 Junior Commercial, or the Senior Commercial, or the Senior Public 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.

* *Allowed 12th August, 1915*

* 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 Senior 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 body which awarded such Scholarship may re-award it to the extent of its unused privileges to any student satisfying the above conditions of eligibility. Provided that no student holding such forfeited or lapsed or vacated Scholarship shall be eligible for any of the Scholarships to be subsequently awarded.

*7. In the event of a Scholarship remaining vacant on the first day of March in any year, such Scholarship shall be available for award by the Council to any student who shall be nominated by the Board of Commercial Studies.

8. No student shall hold one of the said Scholarships concurrently with any other Scholarship tenable at the University.

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

* Allowed 13th December, 1917.

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	}	"	12
Violin				"	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,

* Allowed 10th December, 1919.

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.

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 the Prize shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music; if he fail to pass the examination proper to his year, he shall forthwith forfeit the Prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. The Prize may 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 or forfeiting it before the commencement of the last term in any academical year, the unexpended income for the rest of that year shall be added to the capital account. For each £50 added to the capital, the value of the Prize shall be increased by £2 10s per annum.

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

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

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.

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.

- I. 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."
- II The Scholarship shall be awarded for research in Political Economy, or some cognate subject.
- III. 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.
- IV. 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.
- V. 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.
- VI. 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.

- VII. 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.
- VIII. 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.
- IX. 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.
- X. 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.
- XI. 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.
- XII. 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.
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B. The John L. Young Scholarship for Research.

- XIII. 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."
- XIV. A Scholarship is hereby established, to be called "The John L. Young Scholarship for Research."
- XV. 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.
- XVI. Candidates must be graduates or present or past students of the University. There shall be no age limit.

- XVII. 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.
- XVIII. 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.
- XIX. 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.
- XX. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.
- XXI. 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.
- XXII. 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.
- XXIII. 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.
- XXIV. 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.
- XXV. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

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:—

- I. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.
- II. 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 attain the standard of first class 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 fifth year's examination shall be eligible for the medal.

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

Allowed 30th November, 1916

Chapter XLI.—Of the Eugene Alderman Scholarships.

Whereas the sum of £740 has been raised by public subscription and has been paid to the University for the purpose of founding Scholarships in memory of the late Eugene Alderman, a teacher of Violin in the Elder Conservatorium: it is hereby provided that—

- I. 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.

II. Each Scholarship shall be of the annual value of £18 10s., and shall be tenable for three years, subject to the provisions contained in clause VI. 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.

*III. One Scholarship shall be awarded for the Violin; the other shall be awarded for any one of the following subjects, namely, Violin, Violoncello, Pianoforte, Organ, or Singing; but in case of equality of merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of 10/6 and shall undergo such examination as the Council may direct.

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

Singing—	Not less than	17	nor more than	24
Organ	“	14	“	24
Pianoforte	}	“	12	“
Violin					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.

V. 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.

VI. Every holder of a Scholarship shall take the course and pass the examinations prescribed for the Diploma of Associate in Music. Failure to pass such examinations 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.

- VII. Payment of the annual value of a Scholarship shall be made in four equal instalments, one at the beginning of each term.
- VIII. One Scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.
- IX. These Statutes may be varied from time to time, but the title and general purpose of the Scholarships shall not be changed.

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 December 5th, 1918.

Chapter XLIII.—Of the Research Scholarships in Botany or Forestry.

Whereas the late Ellen Milne Bunday, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a Scholarship or Scholarships for the encouragement of original research in Botany or Forestry:

Now it is hereby provided as follows:—

1. There shall be offered each year a Scholarship to the annual value of £60, to be called the Research Scholarship in Botany (or Forestry).

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

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

4. Should no candidate be adjudged of sufficient merit, the 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. In the latter case, the Scholarship shall lapse for a year.

5. The holder of a Scholarship shall, during his tenure of it, be styled the Research 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 £60 shall be paid to the Scholar in four sums of £15 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 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.

9. These Statutes may be modified or changed from time to time, but the object of the Scholarships shall not be changed.

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.

REGULATIONS.

OF THE DEGREE OF BACHELOR OF ARTS.

REGULATIONS.

- I. There shall be an Ordinary and an Honours Degree of Bachelor of Arts. Candidates may obtain either or both Degrees.
- II. To obtain the Degree, whether the Ordinary or the Honours Degree, every candidate
 - (a) Shall be a matriculated student of the University.
 - (b) Before matriculating shall have passed the Senior Public Examination in five subjects, including English, Latin, Arithmetic and Algebra, and Geometry; but in special circumstances this provision may be varied by the Council in the case of candidates who have attained the age of twenty-five years.
 - (c) Shall, after matriculating, spend three academic years at least in his course of study at the University.
- III. The following shall be the subjects of lectures and examinations for the Ordinary Degree :—
 - GROUP I. — Latin (2) (three courses), Greek (1) (three courses), Elementary Comparative Philology (3) (one course), German (10) (two courses), French (9) (two courses).
 - GROUP II.—English Language and Literature (7) (three courses), Modern History (12) (three courses), Economics (15) (two courses), Economic History (16) (one course).
 - GROUP III.—Psychology (20) (one course), Ethics (22) (one course), Logic (21) (one course), Education (26) (one course), Philosophy (23) (two courses), Theory of Law and Legislation (117) (one course), Pure Mathematics (30, 31, and 32) (three courses).

GROUP IV.—Applied Mathematics (33 and 34) (two courses), Pure Mathematics (30, 31, and 32) (three courses), Physics (37 and 38) (two courses), Chemistry (45; 51 and 53) (two courses), Geology and Mineralogy (55 and 56) (two courses), Botany (62, and 63b) (two courses), Biology (66) (one course), Physiology (68) (one course).

Each course of study, which is completed in one year, shall be counted as one unit, except that the third course in Pure Mathematics, the second course in Physics, and the second course in Chemistry shall be counted as two units.

IV. Candidates for the Ordinary Degree shall attend lectures and pass examinations in twelve of the units that are set out in Regulation III. Their selection shall be made in accordance with the following provisions:—

- (a) Three units, of which Philology or Latin or Greek shall be one, must be selected from Group I.
- (b) Two units must be selected from each of the Groups II., III., and IV.
- (c) Every candidate must select certain principal subjects for a consecutive course of study. He may choose either of the following alternatives:—

Two subjects of three courses each, and one subject of two courses; or,

One subject of three courses, and three subjects of two courses each.

For the purpose of this Regulation these are regarded as courses in one subject:—

1. Philology, with two courses in one foreign language.
 2. Psychology, with Logic, Ethics, Philosophy, and Education.
 3. Economics, with Economic History.
 4. Economics (first course), Economic History, Ethics, and Theory of Law and Legislation.
- (d) Not more than four units may be selected from Group IV.
 - (e) Not more than four units which have been presented for a degree in any other Faculty may be counted towards the Degree of Bachelor of Arts.

- (f) 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.

V. Candidates for the Honours Degree shall attend lectures regularly and pass examinations in one of the following departments of study:—

- (a) Classics (4);
- (b) History (13);
- (c) Philosophy (24);
- (d) Mathematics (35).

The final Honours examination may not be taken, except by permission of the Faculty, until four years of study have been completed after matriculation.

Candidates for the Honours degree shall pass in the following subjects as prescribed for the Ordinary degree;—

Candidates in Classics shall pass in Greek and Latin.

Candidates in History shall pass in Modern History, Economic History, English Language and Literature (first course), and Ethics or one course in Philosophy.

Candidates in Philosophy shall pass in Psychology, Logic, Ethics, Philosophy, and Economics (first course).

Candidates in Mathematics shall pass in Pure Mathematics, Applied Mathematics, and Physics (first course):

In addition, all candidates must pass in four other units as prescribed for the Ordinary Degree, and, unless they are candidates in Classics, they must select two of the four units from Group I.

All the above-mentioned subjects 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 in Honours.

The names of candidates who pass the examination for the Honours degree shall be arranged alphabetically in two classes. Candidates who fail to obtain either first or second class Honours, may be awarded the Ordinary Degree provided that they have in all other respects completed the work prescribed for the Honours Degree.

- VI. 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.
- VII. Schedules defining the range of study, laboratory work, and examinations shall be published as early as possible in each year.
- VIII. 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.
- IX. 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.
- X. 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.
- XI. 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 I., II., and III. (except Pure Mathematics, third course) £3 3 0
2. For Pure Mathematics (third course) £4 4 0
3. For lectures, laboratory work, and examinations in each course in Group IV. the same fees as are prescribed in the Regulations for 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 above :—
2. For lectures in each department £10 10 0
3. For the examination in each department £5 5

C. Fee for the Ordinary or the Honours Degree of Bachelor of Arts £3 3 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.

- XII. All previous regulations concerning the degree of Bachelor of Arts are hereby repealed, but candidates who have matriculated in or before the year 1920 may proceed under the Regulations existing in that year provided they fulfil all the conditions required for the degree before the end of the year 1923.

Allowed 9th December, 1920.

For Syllabus, see Appendix, pp. 3—29.

OF THE DEGREE OF MASTER OF ARTS.

REGULATIONS.

1. There shall be an Ordinary and an Honours Degree of Master of Arts. Candidates may obtain either or both Degrees.

- II. No candidate shall be admitted to the Degree of Master of Arts until after the expiration of two academic years from the time at which he obtained the Degree of Bachelor of Arts in this or in some other University recognised by this University.
- III. To obtain the Ordinary Degree candidates shall attend lectures and pass examinations in six units as prescribed in Regulation III. of the Degree of Bachelor of Arts, but the units selected shall not have been presented for the Degree of Bachelor of Arts or for any other degree, and at least three of the units must be in continuation of subjects passed for the Degree of Bachelor of Arts.

Provided that candidates who, in their examination for the Honours Degree of Bachelor of Arts, were placed in the first or second class may receive the Ordinary Degree upon their presenting a thesis of sufficient merit.

- IV. To obtain the Honours Degree a candidate must have obtained the Honours Degree of Bachelor of Arts in the department of study in which he desires to obtain the degree of Master, viz.,
- (a) Classics (5);
 - (b) History (14);
 - (c) Philosophy (25);
 - (d) Mathematics (36).

Candidates shall submit for the approval of the Council their proposed subject of study at least twelve months before the date on which they intend to present themselves for examination. A thesis may take the place of the whole or of part of the examination. The subject of the thesis must be intimated and approved at least twelve months before the thesis is presented.

- V. Candidates who have obtained the Degree of Bachelor of Arts at a University recognised by this University may become candidates for either the Ordinary or the Honours Degree of Master of Arts on conditions prescribed by the Council.

- VI. The undermentioned fees shall be paid in advance:—

For the Ordinary Degree:—

Fees as prescribed in the Regulations for the Degree of Bachelor.
 Fee on presentation of thesis under Regulation III. £10 10 0

For the Honours Degree:—

Fee for Examinations, Thesis, or both	...	...	15	15	0
Fee for the Ordinary or Honours Degree of Master of Arts	...	...	5	5	0

VII. All previous Regulations concerning the Degree of Master of Arts are hereby repealed, but candidates who have graduated as Bachelors of Arts in or before the year 1920 may take the Ordinary Degree of Master of Arts under the Regulations and Schedules as set out in the Calendar for 1920. But they must select two units in Greek, Latin, French, or German if they have not already included one of these subjects amongst those presented by them for the degree of Bachelor.

Allowed 9th December, 1924.

For Syllabus, see Appendix, pp. 5—20.

OF THE DEGREE OF BACHELOR OF SCIENCE.

REGULATIONS.

- I. There shall be an Ordinary and an Honours Degree of Bachelor of Science. Candidates may obtain either or both Degrees.

- II. To obtain the Ordinary Degree, every candidate shall:—
 - (a) Be a matriculated student of the University.
 - (b) Before matriculating, pass the Senior Public Examination, in five subjects, including English, Arithmetic and Algebra, and Geometry, and before or after matriculating, pass in either French or German at the Senior Public Examination, but in special circumstances this provision may be varied by the Council in the case of candidates who have attained the age of twenty-five years.
 - (c) After matriculation, except in special cases to be allowed by the Council, spend three academical years at least in his course of study at the University, or at affiliated institutions.

(d) Unless exempted under Regulation III., attend regularly courses of lectures and pass examinations in Pure Mathematics (30), Physics (37), and Chemistry (45), and in one of the following: Elementary Biology (66), Elementary Botany (62), or Geology I. (55), within a range of study to be annually defined in the Schedules hereinafter mentioned. These shall be called the compulsory subjects for the Degree.

(e) Fulfil the requirements of Regulation IV.

Provided that Students—

1. Taking Physiology as a subject for the final examination for the Degree must have taken Elementary Biology as a compulsory subject.
2. Taking Botany as a subject for the final examination must have taken Elementary Botany as a compulsory subject.
3. Taking both Physiology and Botany as subjects for the final examination must, before entering upon the work in Human Physiology, have taken such parts of the course in Elementary Biology as relate to the morphology and physiology of the animal kingdom.
4. Taking the Honours Degree in Mathematics may substitute Applied Mathematics (first year) for one of the following compulsory subjects: Chemistry, Biology, Botany, Geology I.
5. Taking the course in Agriculture or in Forestry must have taken as compulsory subjects Botany, and such parts of the course in Elementary Biology as relate to the morphology and physiology of the animal kingdom.

III. Students who at the Higher Public Examination:

- (a) Have distinguished themselves in any of the following subjects, viz.:—Physics, Inorganic Chemistry, Biology, Botany, shall be exempted from lectures, practical work, and examination in the corresponding Compulsory subject for the degree of Bachelor of Science; and students who have passed but not distinguished themselves in any of these subjects may be given such exemption or standing as the Council shall determine.
- (b) Have passed in Pure Mathematics or Applied Mathematics shall be exempted from the first year lectures and examination in the corresponding subjects for the Degree of Bachelor of Science.

IV. Candidates for the Ordinary Degree shall, in addition to complying with Regulation II., attend lectures regularly and pass examinations

(a). In two of the following six subjects:—

1. *Mathematics, Pure and Applied* (31, 32, 33, 34).
2. *Physics* (38 and 39).
3. *Chemistry* (46, 47, 48, and 49).
4. *Physiology* (69a).
5. *Geology* (55, 56, and 57).
6. *Botany* (63a).

or

(b). In the following subjects, which form a special course for students desirous of studying Agriculture:—

1. *Chemistry* (46, 50, and 51).
2. *Geology* (55, 56, and 61).
3. *Botany* (65a).
4. Certain portions of the course at the Roseworthy Agricultural College, as from time to time determined by the Council

Candidates are also required to conduct an investigation in some agricultural subject approved by the Faculty of Science, and to submit a report thereon, which must be approved by the Examiners appointed by the Council.

or

(c). In the following subjects, which form a special course for students desirous of studying Forestry:—

1. *Chemistry* (46, 51, and 52).
2. *Geology* (55, 56, and 61).
3. *Forest Botany* (65b).
4. *Forest Entomology* (71c).
5. *Surveying and Drawing* (71d).
6. *Forestry* (71e).

Students in the special course in Forestry are also required to undergo a course of training in Practical Forestry.

Except by special permission of the Faculty of Science, no student shall be admitted to lectures on any of the above subjects until he shall have completed the corresponding compulsory subject.

V. To obtain the Honours Degree, every candidate shall comply with the conditions of Regulation II., clauses (a) to (e) inclusive, subject to provisoes 1. to 4 thereof, and subject also to Regulation III.; and shall further attend lectures regularly, and obtain either first or second class Honours in one of the following Departments (but he may take Honours in more than one Department):—

1. *Mathematics* (35).
2. *Physics* (41).
3. *Chemistry* (54).
4. *Physiology and Physiological Chemistry* (69b).
5. *Geology* (58).
6. *Botany* (64).

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.

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.

VI. 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 by the end of the first 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 professor 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.

VII. 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.

VIII. 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; nor can he obtain the Degree in any other department unless he passes, or has passed, in addition, in one foreign language as prescribed for the ordinary Degree in Arts.

Bachelors of Engineering who obtained such Degree by surrendering the Degree of Bachelor of Science may be subsequently admitted to the Honours Degree of Bachelor of Science in any department on complying with the regulations governing such admission; and may be admitted to the ordinary Degree of Bachelor of Science upon complying with the regulations governing such admission, provided that no Bachelor of Engineering shall be deemed to have passed in Mathematics, Pure and Applied, under Regulation IV. until he shall have attended lectures regularly and passed the examination in the third year course in Pure Mathematics, the second year course in Applied Mathematics or in any two of the additional subjects set out in the course for the Honours Degree in Mathematics.

IX. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that the 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.

X. 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.

XI. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance:—

A. FOR THE ORDINARY DEGREE :—

		Lectures.	Practical Work
Pure Mathematics	1st Year (Compulsory)	£3 3 0	—
	2nd Year	3 3 0	—
	3rd Year	4 4 0	—
Applied Mathematics	1st Year	3 3 0	—
	2nd Year	3 3 0	—
Physics	1st Year (Compulsory)	3 3 0	3 3 0
	2nd Year	4 14 6	9 9 0
	3rd Year	6 6 0	9 9 0
Chemistry	1st Year (Compulsory)	2 2 0	4 4 0
	2nd Year	3 3 0	10 10 0
	3rd Year	4 4 0	12 12 0
Biology, Elementary	(Compulsory)	2 2 0	4 4 0
do. (<i>vide</i> clauses 3 and 5 of Regulation II.)		1 8 0	2 16 0
Physiology	1st Year	4 14 6	9 9 0
	2nd Year (lectures, 2 terms)	4 4 0	9 9 0
Geology	1st Year (Compulsory)	2 2 0	2 2 0
	2nd Year	3 3 0	6 6 0
	3rd Year	6 6 0	9 9 0
Botany	1st Year (Compulsory)	2 2 0	4 4 0
	2nd Year	3 3 0	9 9 0
	3rd Year	4 4 0	9 9 0

B. SPECIAL COURSE IN AGRICULTURE, under Regulation IVb.

Fees for compulsory subjects are as set out in clause A above :—

Chemistry	2nd Year	...	£3 3 0	—
Elementary Organic Chemistry	(two terms)	...	2 2 0	—
Special Course in Practical Chemistry	...	...	—	12 12 0
Geology	2nd Year (two terms)	...	2 2 0	4 4 0
Special Course (third term)	...	...	1 1 0	—
Botany, Agricultural Course	(two terms)...	...	2 2 0	4 4 0

Subjects taken at the Roseworthy Agricultural College

... .. For fees, see Schedules

C. SPECIAL COURSE IN FORESTRY, under Regulation IVc.

Fees for compulsory subjects are as set out in clause A above :—

Chemistry, Physical	(one term)	...	...	£1 1 0	—
Organic	...	...	...	2 2 0	6 6 0
Geology, 2nd Year	(two terms)	...	...	2 2 0	4 4 0
Special Course	(third term)	...	...	1 1 0	—
Forest Botany	(one term)	...	...	0 14 0	1 8 0
Forest Entomology	...	...	...	3 3 0	—
Surveying and Drawing	...	...	...	2 2 0	—
Forestry	(two year's course)...	...	...	15 15 0	—

D. HONOURS DEGREE OF B.Sc. :—

	Per annum.
Mathematics	£10 10 0
Physics	18 18 0
Chemistry	18 18 0
Physiology and Physiological Chemistry	18 18 0
Geology	18 18 0
Botany	18 18 0

E. Fee for the Ordinary or Honours Degree of

Bachelor of Science	£3 3 0
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Candidates exempted from attendance at lectures in any subject of the courses referred to in Clauses *A*, *B*, *C*, and *D* shall pay half the lecture fee for such subject during such period of exemption.

Candidates who have been granted exemption from attendance at practical work in any subject of the courses referred to in Clauses *A*, *B*, *C*, and *D* may enter for examination in that subject on payment of the following fees :—

Compulsory Chemistry, Biology, or Botany...	£1 1 0
Any other Subject	£2 2 0

Candidates who have been granted exemption from attendance at lectures or practical work in any of the Honours courses referred to in Clause *E* may enter for the final examination in that course on payment of a fee of £5 5s.

Students who wish to take a course of lectures a second time may do so on payment of half fees, but full fees will be required for a repeated course of laboratory work.

Candidates who have failed to pass in any subject may present themselves at a subsequent examination on payment of the following fee :—

For any compulsory subject	£1 1 0
For any other subject of the Ordinary Degree	2 2 0
For any subject of the Honours Degree	5 5 0

- XII. 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 9th December, 1920.

The fees payable by Diploma students in respect of their Diploma course are prescribed in Schedules in accordance with the Regulations "Of the Diploma in Applied Science."

For Syllabus, see Appendix, pp. 18*—42*.

OF THE DEGREE OF DOCTOR OF SCIENCE.

REGULATIONS.

- I. A Bachelor of Science 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 third academic year from his admission as a Bachelor of Science.
- II. Every candidate must give to the Examiners satisfactory evidence of scholarship and power of original research. To this end he must submit a thesis in some branch of Science on a subject proposed by the candidate and approved by the Faculty of Science. He must adduce sufficient evidence of the authenticity of his thesis. He may, if the Examiners think fit, be required to pass an examination in that branch of Science from which the subject of his thesis is taken, unless he has at some previous B.Sc. examination passed with first-class honours in that branch. In any case the Examiners may examine him in the subject matter of his thesis.
- III. 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.

IV. Candidates who comply with the foregoing conditions may be admitted to the Degree of Doctor of Science.

V. The following fees shall be payable in advance :—

On presentation of Thesis	£10 10 0
On admission to the Degree	10 10 0

Allowed December 12, 1907.

OF THE DEGREE OF BACHELOR OF ENGINEERING,

REGULATIONS.

I. To obtain the Degree of Bachelor of Engineering every candidate—

- (a) Shall be a matriculated student of the University.
- (b) Before matriculating shall pass the Senior Public Examination, including in such examination the subjects Arithmetic and Algebra, Geometry, and Trigonometry.
- (c) Shall pass at the Senior Public Examination in English Literature, and in one of the following languages : Latin, Greek, French, or German.
- (d) 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 Industries, in one of the courses of study prescribed for the Diploma in Applied Science, as the regulations of the Diploma shall direct.

II. Students who at the Higher Public Examination have distinguished themselves in Algebra and Trigonometry, Geometry and Trigonometry, Physics, or Inorganic Chemistry, shall be exempted from lectures, practical work, and examination, in the corresponding subjects of the First Year's course for the Diploma in Applied Science.

Students who at the Higher Public Examination have passed but not distinguished themselves in one or more such subjects, may be given such exemption or attending as the Council shall determine.

III. 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.

The fees shall be those prescribed for the courses in Applied Science.

IV. 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 Electric 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.

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.

V. 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.

VI. 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.

VII. 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.

VIII. The fee for the Degree of Bachelor of Engineering shall, except in the cases referred to in Clause IV., be £3 3s.

Allowed 6th February, 1913.

For Syllabus, see Appendix, pp. 18*—58*.

OF THE DEGREE OF MASTER OF ENGINEERING.

REGULATIONS.

- I. 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 IV. of the Degree of Bachelor of Engineering, it shall be sufficient if two years have elapsed since the Diploma was conferred.
- II. 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.

III. 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 Institutions; 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.

- I. Every candidate for the University Diploma in Applied Science and the Fellowship of the South Australian School of Mines and Industries must satisfy the Faculty of Applied Science of his fitness to enter upon the course which he intends to follow.
- *II. 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 :—

* *Allowed 5th December, 1918.*

- 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.

*III. 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.

†IV. All examinations referred to in these regulations shall take place in or about November in each year except that, 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 earlier than November, to be fixed by the Council.

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.

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.

V. 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.

VI. Any candidate wishing to attend a course of lectures (not including practical work) a second time may do so on payment of half fees.

* Allowed 5th December, 1913.

† Allowed 7th December, 1911.

- VII. 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.
- VIII. 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.
- IX. 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.
- X. The Faculty of Applied Science is not a Faculty within Chapter X. of the University Statutes.
- XI. 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.

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.

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.

DETAILS OF COURSES FOR 1921.

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 2₂, 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 to be understood that the order of subjects given is not necessarily to be followed in all cases, but in certain cases the order given must be followed. For instance, students will not be allowed to take Assaying until they have passed Chemistry I., nor will they be allowed to take Applied Mechanics until they have passed in Applied Mathematics. For further information students should apply to the lecturers.

MINING.

FIRST YEAR.

Subject No. in Syllabus.	Subject.	Hours per week.	Lecturers.	Place of Lecture.	Fee. £ s. d.	
45	Chemistry I., Lectures	2	Prof. Rennie ...	U.	2 2 0	
	Practical	6 ₂	{ Prof. Rennie and Dr. Cooke ... Or, Mr. Reid and Mr. Laughton	U.	} 4 4 0	
				S.M.		
81	Drawing I.	4		Mr. Pavia		S.A.	2 0 0
86	Fitting and Turning I.	6	Mr. Walters ...	S.M.	2 2 0	
30	Mathematics I., First Year	3	Mr. Nietz ...	U.	3 3 0	
93	Mechanical Engineering I.	2	Mr. Chittleborough	S.M.	1 10 0	
37	Physics I., Lectures	3	Prof. Kerr Grant...	U.	3 3 0	
	Practical	2	Prof. Kerr Grant...	U.	3 3 0	

SECOND YEAR.

33	Applied Mathematics I.	3	Prof. Wilton ...	U.	3 3 0
75	Assaying I.	6	Mr. Reid and Mr. Laughton ...	S.M.	4 10 0
82	Drawing II.	4	Mr. Rogers ...	S.M.	1 10 0
55	Geology I., Lectures...	2	Prof. Sir D. Mawson	U.	2 2 0
	Practical	2	Prof. Sir D. Mawson	U.	2 2 0
31	Mathematics I., Second Year	2	Prof. Wilton ...	U.	3 3 0
38	Physics II., Lectures	3	Prof. Kerr Grant...	U.	4 14 0
	Practical	6 ₂	Prof. Kerr Grant...	U.	5 5 6

THIRD YEAR.

74	Strength of Materials	4	Prof. Chapman ...	U.	4 4 0
85A	Electrical Engineering I.	2	Mr. Clark ...	U.	3 3 0
56	Geology II., Lectures	2	Prof. Sir D. Mawson	U.	2 2 0
	Practical	4	Prof. Sir D. Mawson	U.	2 2 0
55E, F	Mineralogy and Petrology	2	Sir Douglas Mawson	U.	4 4 0
101	Mining IA.	2	Mr. Gartrell ...	S.M.	3 0 0
103	Mining IB.	1	Mr. Gartrell ...	S.M.	1 10 0
106	Surveying I.	5	Mr. Wood and Mr. Chittleborough	S.M.	3 0 0

FOURTH YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
77	Assaying II. (Mining)	8	Mr. Reid ...	S.M.	5 5 0
105A	Hydraulics ...	1 ₂	Mr. Gartrell ...	U.	1 1 0
90	Machine Design I. ...	2	Mr. Wood ...	S.M.	1 10 0
94	Mechanical Engineering II. (Lectures only) ...	2	Mr. Wood ...	S.M.	2 5 0
102	Mining II.A. ...	5	Mr. Gartrell ...	U.	4 14 6
97	Metallurgy I. (Lectures only) 2	2	Mr. Reid ...	S.M.	1 10 0
103	Mining II.B. ...	1	Mr. Gartrell ...	U.	1 11 6
105	Railway Engineering ...	1	Prof. Chapman ...	U.	2 2 0

METALLURGY.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

75	Assaying I. ...	6	Mr. Reid and Mr. Laughton ...	S.M.	4 10 0
46	Chemistry II., Lectures ...	2	Prof. Rennie ...	U.	3 3 0
48	Chemistry II., Practical ...	10	Prof. Rennie and Dr. Cooke ... Or, Mr. Reid and Mr. Laughton	U.	10 10 0
55	Geology I., Lectures ...	2	Prof. Sir D. Mawson	S.M.	
	Practical ...	2	Prof. Sir D. Mawson	U.	2 2 0
97	Metallurgy I., Lectures ...	2	Mr. Reid ...	S.M.	1 10 0
51	Organic Chemistry ...	2	Prof. Rennie ...	U.	2 2 0
38	Physics II., Lectures ...	3	Prof. Kerr Grant...	U.	4 14 6
	Practical ...	6 ₂	Prof. Kerr Grant...	U.	6 6 0

THIRD YEAR.

33	Applied Mathematics I. ...	3	Prof. Wilton ...	U.	3 3 0
76	Assaying II. ...	15	Mr. Reid ...	S.M.	9 9 0
80	Building Construction I. ...	1 ₂	Mr. Smith ...	S.M.	0 10 0
82	Drawing II. ...	4	Mr. Rogers ...	S.M.	1 10 0
56	Geology II., Lectures ...	2 ₂	Prof. Sir D. Mawson	U.	1 8 0
	Practical ...	4 ₂	Prof. Sir D. Mawson	U.	1 8 0
99	Metallurgy II. ...	3	Mr. Reid ...	S.M.	4 4 0
103	Mining II.B. ...	1	Mr. Gartrell ...	S.M.	1 10 0

FOURTH YEAR.

74	Strength of Materials ...	4	Prof. Chapman ...	U.	4 4 0
79	Assaying III. ...	12	Mr. Reid ...	S.M.	9 9 0
90	Machine Design I. ...	2	Mr. Wood ...	S.M.	1 10 0
98	Metallurgy (Practical) ...	3	Mr. Reid ...	S.M.	1 10 0
100	Metallurgy III. ...	4	Mr. Reid ...	S.M.	3 0 0
101	Mining IA. ...	2	Mr. Gartrell ...	S.M.	3 0 0
103	Mining II.B. ...	1	Mr. Gartrell ...	S.M.	1 11 6

ELECTRICAL ENGINEERING.

COURSE A.

FIRST YEAR.

Same as for Mining

SECOND YEAR.

Subj No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
33	Applied Mathematics I. ...	3	Prof. Wilton ...	U.	3 3 0
82	Drawing II. ...	4	Mr. Rogers ...	S.M.	1 10 0
87	Fitting and Turning II. ...	3	Mr. Walters ...	S.M.	2 5 0
31	Mathematics I., Second Year	2	Prof. Wilton ...	U.	3 3 0
94	Mechan'l Engin'g II., Lect.	2	Mr. Wood and Mr.	S.M.	2 5 0
38	Physics II., Lectures	3	Prof. Kerr Grant ..	U.	4 14 6
	Practical	6 ₂	Prof. Kerr Grant...	U.	5 5 0
106A	Surveying ...	5 ₁	Mr. Wood and Mr. Chittleborough ...	S.M.	1 0 0

THIRD YEAR.

73	Applied Mechanics II. ...	2 ₂	Mr. Chittleborough	S.M.	1 0 0
74	Strength of Materials ...	4	Prof. Chapman ...	U.	4 4 0
85A	Electrical Engineering I. ...	3	Mr. Clark ...	U.	3 3 0
90	Machine Design I. ..	2	Mr. Wood ...	S.M.	1 10 0
95	Mechanical Engineering III.	2	Mr. Wood ...	S.M.	3 0 0
40	Physics III., Lectures	3	Prof. Kerr Grant ...	U.	4 14 6
	Practical	8 ₂	Prof. Kerr Grant ...	U.	5 5 0
105	Railway Engineering	1	Prof. Chapman ...	U.	2 2 0

FOURTH YEAR.

85	Electrical Engineering II. ..	18	Mr. Clark ...	U.	17 17 0
91	Machine Design II.	6	Mr. Wood ...	S.M.	4 7 0

ELECTRICAL ENGINEERING.

ALTERNATIVE COURSE B.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

33	Applied Mathematics I. ..	3	Prof. Wilton ...	U.	3 3 0
46	Chemistry II., Lectures	2	Prof. Rennie ...	U.	4 4 0
48	Chemistry II., Practical	10	Prof. Rennie and Dr. Cooke or, Mr. Reid and Mr. Laughton	U. and S.M.	6 6 0
31	Mathematics I. (Second Year)	2	Prof. Wilton ...	U.	3 3 0
38	Physics II., Lectures	3	Prof. Kerr Grant	U.	4 14 6
	Practical	6 ₂	Prof. Kerr Grant	U.	6 6 0
106A	Surveying ...	5 ₁	Mr. Wood and Mr. Chittleborough	S.M.	1 0 0

THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	£	Fee. s. d
74	Strength of Materials	... 4	Prof. Chapman ...	U.	4	4 0
78	Assaying II. (Electrical Course)	10	Mr. Reid ...	S.M.	4	14 6
82	Drawing II. ...	... 4	Mr. Rogers ...	S.M.	1	10 0
85A	Electrical Engineering I.	... 2	Mr. Clark ..	U.	3	3 0
40	Physics III., Lectures	... 3	Prof. Kerr Grant...	U.	4	14 6
	Practical	... 8 ₂	Prof. Kerr Grant ..	U.	6	6 0

FOURTH YEAR.

73	Applied Mechanics II.	... 2 ₂	Mr. Chittleborough	S.M.	1	0 0
85	Electrical Engineering II.	... 18	Mr. Clark ...	U.	17	17 0
109	Electro Metallurgy ...	... 1 ₁	Mr. Reid ...	S.M.	1	0 0
90	Machine Design I. ...	... 2	Mr. Wood ...	S.M.	1	10 0
105	Railway Engineering	... 1	Prof. Chapman ...	U.	2	2 0

MECHANICAL ENGINEERING.

FIRST YEAR.

Same as for Mining, with the addition of

108	Woodwork 4	Mr. Lykke ...	S.M.	2	2 0
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SECOND YEAR.

33	Applied Mathematics I.	... 3	Prof. Wilton ...	U.	3	3 0
82	Drawing II. 4	Mr. Rogers ...	S.M.	1	10 0
90	Machine Design I. ...	... 2	Mr. Wood ...	S.M.	1	10 0
31	Mathematics I., Second Year	2	Prof. Wilton ...	U.	3	3 0
38	Physics II., Lectures	... 3	Prof. Kerr Grant ...	U.	4	14 6
	Practical	... 6 ₂	Prof. Kerr Grant ...	U.	6	6 0
73	Applied Mechanics II.	... 2 ₂	Mr. Chittleborough	S.M.	1	0 0

THIRD YEAR.

74	Strength of Materials	... 4	Prof. Chapman ...	U.	4	4 0
87	Fitting and Turning II.	... 4	Mr. Walters ...	S.M.	2	5 0
92	Machine Design II. ...	... 6	Mr. Wood ...	S.M.	4	7 0
94	{ Mechanical Engineering II. 2	} Mr. Wood and Mr. Chittleborough }	}	S.M.	}	2 5 0
	{ " " Practical 3 ₂					
95	Mechanical Engineering III.	2	Mr. Wood ...	S.M.	3	0 0

FOURTH YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fees. £ s. d.
104	Civil Engineering ...	5	Prof. Chapman ...	U.	5 5 0
85A	Electrical Engineering I. ...	3	Mr. Clark ...	U.	3 3 0
88	Fitting and Turning III. ...	4	Mr. Walters ...	S.M.	2 5 0
96	Mechanical Engineering IV. ...	5	Mr. Wood ...	S.M.	6 0 0
106A	Surveying ...	5½	{ Mr. Wood and Mr. Chittleborough }	S.M.	1 0 0

CIVIL ENGINEERING.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

	Hours per Week.	Lecturer.	Place of Lecture.	Fees. £ s. d.
33 Applied Mathematics ...	3	Prof. Wilton ...	U.	5 5 0
82 Drawing II. ...	4	Mr. Rogers ...	S.M.	1 10 0
31 Mathematics I., Second Year	3	Prof. Wilton ...	U.	3 3 0
38 Physics II., Lectures ...	3	Prof. Kerr Grant	U.	4 14 6
	6½	Prof. Kerr Grant	U.	6 6 0
55 Geology I., Lectures ...	2	Prof. Sir D. Mawson	U.	2 2 0
	2	Prof. Sir D. Mawson	U.	2 2 0
80 Building Construction I. ...	1½	Mr. Smith ...	S.M.	0 10 0

THIRD YEAR.

74 Strength of Materials ...	4	Prof. Chapman ...	U.	4 4 0
106 Surveying I. ...	5	Mr. Wood and Mr. Chittleborough	S.M.	3 0 0
94 Mechanical Engineering II., Lectures	2	{ Mr. Wood & Mr. Chittleborough }	S.M.	2 5 0
	3½	{ Mr. Wood & Mr. Chittleborough }	S.M.	2 2 0
56 Geology II., Lectures ...	2	Prof. Sir D. Mawson	U.	2 2 0
	4	Prof. Sir D. Mawson	U.	2 2 0
90 Machine Design I. ...	2	Mr. Wood ...	S.M.	1 10 0
104 Civil Engineering I. ...	5	Prof. Chapman ...	U.	5 5 0
103 Mining 1B ...	1	Mr. Gartrell ...	S.M.	1 10 0

FOURTH YEAR.

89 Design of Structures ...	8	Prof. Chapman ...	U.	5 5 0
107 Surveying II. ...	5	Mr. Gartrell ...	U.	5 5 0
		Mr. Gartrell ...	—	1 1 0
105 Civil Engineering II. ...	5	Mr. Gartrell ...	U.	5 5 0
85A Electrical Engineering I. ...	3	Mr. Clark ...	U.	3 3 0

ARCHITECTURAL ENGINEERING.

FIRST YEAR.

		Hours per Week.	Lecturer.	Place of Lecture.	Fees. £ s. d.
45	Chemistry I.	2	Prof. Rennie ...	U.	2 2 0
45	Chemistry I. (Practical) ...	6 ₂	Prof. Rennie and Dr. Cooke Or, Mr. Reid and Mr. Laughton	U. or S.M.	4 4 0
81	Drawing I.	4		Mr. Pavia ...		S.A.	2 2 0
81A	Model Drawing and Modelling	4	Mr. Pavia ...	S.A.	2 0 0
31	Mathematics I., First Year	3	Mr. Nietz ...	U.	3 3 0
37	Physics I., Lectures ...	3	Prof. Grant ...	U.	3 3 0
	Practical	2	Prof. Grant ...	U.	3 3 0
108	Woodwork	4	Mr. Lykx ...	S.M.	2 2 0
55	Geology I., Lectures ...	2	Prof. Sir D. Mawson	U.	2 2 0
	Practical	2	Prof. Sir D. Mawson	U.	2 2 0

SECOND YEAR.

33	Applied Mathematics I. ...	3	Prof. Wilton ...	U.	3 3 0
74	Strength of Materials ...	4	Prof. Chapman ...	U.	4 4 0
84	Descriptive Geometry I. ...	4	Mr. Pavia ...	S.A.	2 2 0
31	Mathematics I., Second Year	2	Prof. Wilton ...	U.	3 3 0
80	Building Construction I. ...	1 ₂	Mr. Smith ...	S.M.	0 10 0
84B	Building Drawing	4	Mr. Smith ...	S.M.	3 0 0
109	Architectural History I. ...	2	Mr. Smith ...	S.M.	2 5 0

THIRD YEAR.

89	Design of Structures	8	Prof. Chapman ...	U.	5 5 0
109A	Architectural History II. ...	2	Mr. Smith ...	S.M.	2 5 0
84C	Measured Drawing and Sketching	3	Mr. Smith ...	S.M.	2 5 0
109B	Architectural Design I. ...	6	Mr. Smith ...	S.M.	4 4 0
84A	Descriptive Geometry II. ...	4	Mr. Pavia ...	S.A.	2 0 0
80D	Drawing from Antique	4	Mr. Pavia ...	S.A.	2 0 0

FOURTH YEAR.

109C	Architectural Design II. ...	6	Mr. Smith ...	S.M.	6 6 0
80B	Drawings, Specifications, and Quantities	1	—	S.M.	2 2 0
80A	Building Construction II. ...	2	Mr. Smith ...	S.M.	3 0 0
109E	Architectural Hygiene and Lighting	2	Mr. Smith ...	S.M.	3 0 0
106	Surveying I.	5	Mr. Wood and Mr. Chittleborough	S.M.	3 0 0
109D	Architectural Thesis	—	—	S.M.	2 5 0

For Syllabus, see Appendix, pp. 18*—58*

OF THE DEGREE OF BACHELOR OF LAWS

AND

OF THE FINAL CERTIFICATE IN LAW.

REGULATIONS.

- I. All Students before commencing the course for the Degree of Bachelor of Laws shall either—
1. Have passed the Senior Public Examination (including Latin), or
 2. Have already graduated in Arts.
- II. All Students before commencing the course for the Final Certificate required for admission as a Practitioner of the Supreme Court shall either—
1. Have passed the Senior Public Examination (including Latin), or
 2. Shall be articled, or qualified to be articled, to a Practitioner of the Supreme Court.
- III. A Certificate that he has passed a Matriculation Examination of the University shall be given to any Student in Law who shall have passed the Senior Public Examination (including Latin).
- IV. 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.
- *V. The Ordinary Subjects are the following :—
1. The Law of Property (Part I.). (110)
 2. The Law of Property (Part II.). (111)
 3. The Law of Contracts. (112)
 4. The Law of Wrongs (Civil and Criminal). (113)
 5. The Law of Evidence and Procedure. (114)
 6. Constitutional Law. (115)

*VI. The Special Subjects are the following :—

1. Latin. (2)
2. Any one subject of the course for the Ordinary Degree of Bachelor of Arts exclusive of Latin and Jurisprudence.
3. Roman Law. (116)
4. Theory of Law and Legislation. (117)
5. Private International Law. (118)

VII. Candidates for the Degree of Bachelor of Laws are required to pass in all the above subjects, both Ordinary and Special.

VIII. Candidates for the Final Certificate are required to pass in the Ordinary subjects only.

*IX. Students who shall have already graduated in Arts, including Latin, will be credited with having passed in the special subjects numbered 1 and 2.

*X. Candidates 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 Laws may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.

XI. Annual Examinations shall be held in November and March in each year.

†XII. All subjects, whether ordinary or special, 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. Provided that no student shall present himself for examination in any special subject in March without the special permission of the Faculty.

‡XIII. No Student shall at any Annual Examination present himself for examination in more than three subjects save by the special permission of the Faculty.

* Allowed 3rd January, 1907.

† Allowed 12th August, 1903.

‡ Allowed 9th January, 1910.

- *XIV. 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.
- *XV. 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, and shall have presented himself at two Term Examinations in the subject during the year, and shall have passed one at least of such examinations. 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.
- XVI. Any student shall be exempt from the requirements of Regulation XIV, 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.
- *XVII. The Council, on the recommendation of the Faculty of Law, may exempt any Student wholly or partially, from the requirements of Regulation XIV.
- XVIII. All Students shall be classified as proceeding either to the Degree of Bachelor of Laws, or for the Final Certificate, but any Student may at any time (even after obtaining the Final Certificate) if qualified under Regulation I., 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.
- †XIX. Schedules defining the scope of the subjects of study and appointing text-books in respect of the same 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.

** Allowed 3rd January, 1907.*

† Allowed 19th January, 1910.

*XX. The names of all Students who shall pass an Annual Examination in any subject shall be arranged under the heading of such subject in three classes in order of merit in each class, provided that students who shall pass in the special subjects numbered 1 and 2 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 to the Senior Judge of the Supreme Court.

XXI. 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.

*XXII. 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	1 11 6
(3). Fee for each subject at an Annual Examination ..	1 1 0
(4). 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.	
(5). Fee for the Final Certificate	5 5 0
(6). Fee for the Degree of Bachelor of Laws... ..	5 5 0

Students exempted from attendance at lectures in any subject shall, in addition to the examination fee, pay one-third of the lecture fee for that subject during such period of exemption.

XXIII. 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 IX. or XI. of the Regulations hereby repealed shall be exempt from the requirements of Regulation XIV., nor shall they be required to pass in any additional subject in consequence of the establishment of these present Regulations.

XXIV. The following form of notice is prescribed :—

Form of Notice to be sent to the Registrar by any Student intending to present himself at an Annual Examination in Law.

THE UNIVERSITY OF ADELAIDE.

I, _____, a student of this University, hereby give notice that I intend to present myself at the Annual Examination in Law, in the month of _____ next for examination in the undermentioned subjects :

[Here state subjects.]

I send herewith the prescribed fee of £ _____ being £1 1s. for each of the above mentioned subjects.

(If the student is an articled clerk, add) :

I am articled to Mr. _____ a solicitor of the Supreme Court, whose office is situated in _____

Dated this _____ day of _____

(Signature of Student).....

(Address).....

To the Registrar,
University of Adelaide.

XXV. 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 25th January, 1899.

For Syllabus, see Appendix, pp. 59*—63*.

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 :—

6. Every person must, before he enters into articles, produce to the Board a certificate of his having passed the Matriculation Examination in the University of Adelaide, or in some University recognized by the University of Adelaide, or of his having passed the preliminary or any intermediate examination which clerks

articled in England, Ireland, or Scotland, may for the time being be required to pass, and must lodge with the Board a copy of the certificate of his having so passed.

8. Every such articted clerk and every person not actually called to the bar or admitted as mentioned in Rule 11, shall, before he applies for admission to practise in the Court, after examination, have taken, or be entitled to take, the degree of Bachelor of Laws at the University of Adelaide, or shall, at the proper examinations of the University of Adelaide, have passed in—

The Law of Property,
Constitutional Law,
The Law of Obligations,
The Law of Wrongs (civil and criminal), and
The Law of Procedure :

and shall furnish to the Board the said University's final certificate of having so passed.

11. 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 :—

- i. Persons who have been articted to some practitioner of the Court for the full term of five years, and have served the full term of their clerkship : Provided that in the case of any person who shall before or during his service under articles have taken 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.
- ii. Persons who shall have served the full term of five years as associate or assistant or acting associate to the Judges of the Court or any of them : Provided that if any such person shall, before or during service as such associate or assistant or acting associate have 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 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.

- III. Persons who shall have served the full term of five years, during part of such period as associate or assistant or acting associate to the Judges of the Court or any of them, and during part of such period under articles of clerkship: Provided that if any such person shall, before or during such service have taken the degree of Bachelor of Laws or 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 9, every such person shall, by the certificate of any one of the said Judges satisfy the Board as to his conduct and fitness to be admitted.

OF THE DEGREE OF DOCTOR OF LAWS.

REGULATIONS.

- I. A Bachelor 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 third academic year from his admission as a Bachelor of Laws.
- II. 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.
- III. The Examiners may, if they think fit, examine the Candidate either orally or by written questions in the subject matter of his thesis.
- IV. 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.
- V. Candidates who comply with the foregoing conditions and satisfy the Examiners may be admitted to the Degree of Doctor of Laws.
- VI. The following fees shall be payable in advance:—

On presentation of Thesis	£10	10	0
On admission to the Degree	10	10	0

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

REGULATIONS.

- I. No person shall be permitted to commence the medical course until he shall have completed his sixteenth year and have produced evidence of the fact to the satisfaction of the Council.
- *II. Before entering upon the Medical course, the intending student must—
- (A) Have passed the Senior Public examination in the following five subjects :
- (1). English Literature.
 - (2). Latin.
 - (3). Arithmetic and Algebra.
 - (4). Geometry ; and
 - (5). One of the following :—(a) Greek, (b) French, (c) German.
- and (B) Have passed in Physics, Chemistry, and Elementary Biology at the Higher Public examination, or in Compulsory Physics, Chemistry, and Elementary Biology for the degree of B.Sc. in November, or at a special examination to be held in March, for intending medical students.
- The fee for the examination in March shall be £1 for each subject.
- III. Repealed November 26th, 1919.

NOTE.—On entering the medical course the student may send his name to the Registrar of the University for registration as a medical student by the General Medical Council in London ; but in order to secure registration he must comply with the requirements of the Council by passing the five subjects under Regulation II. at one and the same examination.

- IV. To obtain the degrees of Bachelor of Medicine and Bachelor of Surgery the student must complete five academic years of medical study, and pass the examination proper to each year before commencing the course of study and practice for the following year.
- V. The student shall forward to the Registrar notice of his intention to present himself at the examination in any year, together with certificates of having completed the course of study and practice prescribed for that year (*see* Schedule 2).
- VI. Schedules 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. Such Schedules shall prescribe
1. Details of the course of study and practice for each academic year.
 2. The forms of notices and certificates required from students under these Regulations.
- VII. The student shall not in any academic year be credited with attendance at the lectures on any subject unless he shall have attended three-fourths of the lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.
- VIII. The Ordinary Examination shall be held in November of each year, and the date of the examination shall be fixed by the Council :
- a. Provided that 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.
 - b. Students who pass in such examination shall be deemed to have passed in that subject at the Ordinary Examination in the November next ensuing, and the marks obtained by them shall be taken into account in determining the results of such Ordinary Examination.
 - c. Any student who fails to pass at such interim examination 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, with the permission of the

Council on the recommendation of the Examiners, present himself for re-examination in the subject in which he has failed at the Ordinary Examination in November next ensuing, but he shall not be entitled to be classified.

- IX. Except where otherwise provided by these Regulations the names of the successful candidates at each Ordinary Examination shall be arranged in three classes, and in each class in order of merit.
- X. In addition to the Ordinary Examination in November, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council. No student shall be allowed to present himself at any such Supplementary Examination without the special permission of the Council.
- XI. Any 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.
- XII. 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 settling the results of the Ordinary Examinations, but the Board shall in no case recommend for a Supplementary Examination any student of the fifth year who has failed to pass at the Ordinary Examination.
- XIII. The student shall not be required to 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 will be allowed.

XIV. At the First Examination the student shall satisfy the Examiners in each of the following subjects :—

1. *Anatomy and Dissections.*
2. *Physiology*, theoretical and practical, including Histology and Physiological Chemistry.
3. *Organic Chemistry*, theoretical and practical, with special reference to Physiology and Medicine. The chemistry of Poisons, organic and inorganic, with special reference to their detection.
4. *Physical Chemistry.*

XV. At the Second Examination the student shall satisfy the Examiners in each of the following subjects :—

1. *Anatomy*, general and descriptive, with Dissections.
2. *Physiology*, theoretical and practical, including Histology and Physiological Chemistry.
3. *Materia Medica.*

*XVI. At the Third Examination the student shall satisfy the examiners in each of the following subjects :—

1. *Principles and Practice of Medicine.*
2. *Principles and Practice of Surgery*, including *Clinical Surgery.*
3. *Regional and Surgical Anatomy.*
4. *Bacteriology.*
5. *Public Health and Preventive Medicine.*

XVII. At the Fourth Examination the student shall satisfy the Examiners in each of the following subjects :—

1. *Principles and Practice of Medicine*, including *Clinical Medicine.*
2. *Principles and Practice of Surgery*, including *Surgical Anatomy, and Clinical Surgery.*
3. *Pathology.*
4. *Obstetrics.*
5. *Forensic Medicine*, including *Insanity.*

*XVIII. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects :—

1. *Medicine*, all branches.
2. *Surgery*, all branches, including *Surgical Anatomy* and *Operative Surgery*.
3. *Gynæcology*.
4. *Ophthalmology*.
5. *Otology*.
6. *Therapeutics*.

*XIX. The following shall be the fees for the course, payable per term in advance, in such instalments as the Council shall from time to time determine :—

FIRST YEAR.

Anatomy (three terms)	£8 8 0
Physiology, Lectures (two terms)	4 4 0
Histology (two terms)	6 6 0
Physiological Chemistry (one term)	3 3 0
Organic Chemistry (three terms)	8 8 0
Physical Chemistry (one term)	1 1 0
	£31 10 0

SECOND YEAR.

Anatomy (three terms)	8 8 0
Physiology, Lectures (one term)	2 2 0
Histology (one term)	3 3 0
Materia Medica (three terms)	2 2 0
	15 15 0

THIRD YEAR.

Principles and Practice of Medicine (three terms)	6 6 0
Principles and Practice of Surgery (three terms)	5 5 0
Clinical Medicine and Surgery (three terms)	4 4 0
Regional and Surgical Anatomy (three terms)	6 6 0
Pathology (two terms)	2 2 0
Bacteriology (the course)... ..	3 3 0
Public Health and Preventive Medicine (the course)	3 3 0
	30 9 0

* Allowed 1st April, 1920.

FOURTH YEAR.

Principles and Practice of Medicine (three terms)	6	6	0
Principles and Practice of Surgery (three terms)	5	5	0
Clinical Medicine and Surgery (three terms)	4	4	0
Pathology (three terms)	3	3	0
Obstetrics (three terms)	3	3	0
Forensic Medicine and Insanity (three terms)	4	4	0
	<hr/>		26 5 0

FIFTH YEAR.

Clinical Medicine and Surgery (three terms)...	4	4	0
Operative Surgery	4	4	0
Gynæcology	3	3	0
Ophthalmology	3	3	0
Otology	2	2	0
Diseases of Children	2	2	0
Therapeutics	4	4	0
	<hr/>		23 2 0
	<hr/>		127 1 0

Fee for each Ordinary Examination, £3 3s. Total amount of examination fees for the five years	15	15	0
Fee for the degree of Bachelor of Medicine and Bachelor of Surgery	5	5	0
	<hr/>		£148 1 0

Fee by each candidate for a Supplementary Examination 5 5 0

Fee for re-examination at an Ordinary Examination in each subject in which the candidate has failed to pass at an interim examination 1 1 0

XX. 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.

XXI. All questions arising under these Regulations shall be determined by the Council.

Allowed 24th August, 1910.

For Syllabus, see Appendix, pp. 64*—74*

SCHEDULES.

[Before commencing the Medical course, every student must provide himself with a Microscope, which shall be approved by the Professor of Physiology.]

I.

Subjects for each year of the Medical Course :—

During the first year every student shall

- (a) Attend a course of lectures and demonstrations on Anatomy.
- (b) Dissect, during six months, to the satisfaction of the Professor of Anatomy.
- (c) Attend a course of lectures on Histology, Physiology, and Bio-chemistry.
- (d) Perform practical work in Histology, Physiology, and Bio-chemistry to the satisfaction of the Professor of Physiology.
- (e) Attend a course of lectures on Organic Chemistry.
- (f) Perform practical work in Organic Chemistry during two terms to the satisfaction of the Professor of Chemistry.
- (g) Attend, during one term, a course of lectures on Physical Chemistry.

During the second year every student shall

- (a) Attend a course of lectures on Anatomy.
- (b) Dissect, during the whole of the academic year, to the satisfaction of the Professor of Anatomy.
- (c) Attend a course of lectures on Histology, Physiology, and Bio-chemistry.
- (d) Perform practical work in Histology, Physiology, and Bio-chemistry to the satisfaction of the Professor of Physiology.

- (e) Attend a course of lectures on *Materia Medica*.
- (f) Produce a certificate of having received instruction in Practical Pharmacy during a period of three months from the Dispenser of the Adelaide Hospital, or from some other qualified person approved by the Council.

During the third year every student shall

- (a) Attend a course of lectures on the Principles and Practice of Medicine.
- (b) Attend a course of lectures on the Principles and Practice of Surgery.
- (c) Attend, during the whole Hospital clinical year, courses of lectures on Clinical Medicine and Clinical Surgery.
- (d) Attend a course of demonstrations on Regional and Surgical Anatomy.
- (e) Attend a course of instruction on Bacteriology and Pathology.
- (f) Attend a course of demonstrations in Public Health and Preventive Medicine.
- (g) Attend diligently the Surgical Practice of the Adelaide Hospital, both in the wards and in the out-patients' department, during the whole of the Hospital clinical year.
- (h) Hold the office of Surgical Dresser in the wards and in the out-patients' department during the academic year.
- (i) Produce a certificate of having received instruction in Dentistry from some qualified person approved by the Council.
- (j) Post Mortem Examinations.—Every student shall attend at least forty Post Mortem Examinations.

- (k) Make examinations from the pathological material derived from the patients allotted to him in the wards or the out-patients' department.
- (l) Attend the tutorial classes in Medicine and in Surgery during the first six weeks of the Hospital clinical year.

N.B.—The Hospital clinical year extends from February the first until the next to the last Wednesday in October. Its short vacations are those of the academic year.

During the fourth year every student shall

- (a) Attend a course of lectures on the Principles and Practice of Medicine.
- (b) Attend a course of lectures on the Principles and Practice of Surgery.
- (c) Attend during the whole of the Hospital clinical year courses of lectures on Clinical Medicine and Clinical Surgery.
- (d) Attend a course of lectures on Obstetrics.
- (e) Attend a course of lectures on Forensic Medicine and Insanity.
- (f) Attend diligently, during the whole of the Hospital clinical year, the Medical practice of the Adelaide Hospital, both in the wards and in the out-patients' department.
- (g) Hold the office of Medical Clerk in the wards and in the out-patients' department during nine months.
- (h) Midwifery. (*See paragraph (h) of fifth year.*)
- (i) Post Mortem Examinations.—Every student shall attend at least forty Post Mortem Examinations. (*See qualification under paragraph (h) of schedule for fifth year.*)
- (j) Complete the course of instruction in Pathology.
- (k) Attend the practice of the Mental Hospitals as arranged by the Lecturer on Psychological Medicine.

During the fifth year every student shall

- (a) Attend, during the whole of the Hospital clinical year, courses of lectures on Clinical Medicine and Clinical Surgery.
- (b) Attend a course of lectures on Therapeutics, Gynaecology, Ophthalmology, and Otology.
- (c) Perform a course of Operative Surgery.
- (d) Attend a course of clinical lectures in the Medical and Surgical Diseases of Children at the Adelaide Children's Hospital.
- (e) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital, both in the wards and the out-patients' department, during the whole Hospital clinical year.
- (f) Hold the office of Medical Clerk and Surgical Dresser in the Gynaecological department of the Adelaide Hospital for twelve weeks ; and in the Ophthalmological and Otological departments for twelve weeks ; and in the wards and out-patients' department of the Adelaide Children's Hospital for six weeks each office.
- (g) Examine pathological material derived from in-patients and out-patients at the Adelaide Hospital and at the Children's Hospital.
- (h) Attend twenty cases of Midwifery. Provided that the whole or any part of such number may be attended during the Fourth Year, and provided that he shall not attend cases of Midwifery during the periods that he holds the office of Surgical Dresser, or is attending or performing *Post Mortem* Examinations, or is practising operative surgery on the dead body.
- (i) Produce a certificate of having received instruction in the administration of Anaesthetics from the Medical Superintendent of the Adelaide Hospital.

II.

Every student, at the time of forwarding to the Registrar the notice of his intention to present himself at each of the above Examinations, shall produce certificates of his having completed the course of study and practice proper to each year.

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.

- I. Each medical student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.
- II. No student shall publish the report of any case without the written permission of the Physician or the Surgeon under whose care the patient has been.
- III. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
- IV. Each student entering for dispensary practice shall be under the immediate control of the Dispenser, and, in his absence, of the Assistant Dispenser, who shall be answerable to the Board for his good conduct.
- V. 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.
- VI. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.
- VII. The members of the Honorary Staff will give clinical instruction on the following terms, viz. :—
 - For the medical practice of the Hospital, for each pupil £5 5s. per annum.
 - For the surgical practice of the Hospital, for each pupil £5 5s. per annum.

And for both medical and surgical practice, and practice in special subjects (as in the fifth year), £10 10s. per annum.

These fees to include the appointment of Medical Clerk and Surgical Dresser.

* For instruction in Practical Pathology for three terms, £2 2s.

For each six months' instruction in the *post-mortem* room, £2 2s.

* For three months' instruction by the Dispenser in Practical Pharmacy, £2 2s.

* For instruction in Bacteriology, £1 1s.

* For instruction in the administration of anaesthetics £1 1s.

* Each student commencing attendance on the clinical practice of the Hospital shall be required to pay an entrance fee of £5 5s. All fees due to the Adelaide Hospital (marked *) to be paid to the Secretary of the Hospital.

VIII. No student shall visit any patient who has undergone a major operation, or any case of acute illness, without permission of the Resident Physician or Surgeon.

IX. No student shall make any *post-mortem* examination while holding the position of dresser in the surgical or gynaecological wards.

CLERKS AND DRESSERS.

From the beginning of the Hospital clinical year until the commencement of the academic year, each student of the third year shall attend a course of elementary medical and surgical training. It shall consist of four lectures with demonstrations each week, two given by the Medical Tutor and two by the Surgical Tutor.

Each clerk and dresser shall—

- I. Be appointed every term, and may apply for appointment under any honorary officer, provided that his list is not full. Appointments shall be allotted by the Medical Superintendent, who will be guided by the results of the University examinations.

- II. Attend at 8.30 a.m. and sign his name in a book provided for that purpose. The book will be removed at 9.15 a.m. for inspection by the Medical Superintendent. Any failure to attend must be followed by an explanation to the Medical Superintendent. Shall at 9 o'clock attend the wards, and shall 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. Shall assist and be under the immediate supervision of the Resident Medical Officer; and shall perform any surgical dressings or pathological examinations required by him. He shall assist the Surgeon and House Surgeon in operations upon cases allotted to him. He shall leave the wards at 12.30 and may return at 1.30 p.m.
- III. Take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission). Subsequently a written note must be made at least twice a week. These notes shall be read to the Honorary Officer.
- IV. Attend when possible the *post-mortem* examinations. If in charge of the case while in the ward he shall read to the Pathologist a clinical *resumé* thereof, and shall transcribe, at the dictation of the Pathologist, an account of *post-mortem* conditions. An attendance-book will be kept at the Mortuary, in which each student present shall sign his name. This book will be countersigned by the Pathologist.
- V. Attend the out-patient practice of the junior colleague of the Honorary Officer to whom he is attached, and do whatever work may be required by him.

At the end of each term, if he has fulfilled these conditions, a certificate shall be signed by his Honorary Officer, and at the end of the year his certificates shall be signed by the Medical Superintendent and countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Honorary Officer may refuse to sign the certificate, and the Dean of the Faculty of Medicine shall be informed.

During vacation the wards are open for clinical work under the Honorary and Resident Staff, and students may avail themselves of this privilege if they wish.

CLINICAL CLERKS.

Each Clinical Clerk shall—

- I. Make any *post-mortem* required under the direction of the Pathologist. A record of examinations made by him will be kept in the attendance-book in the Mortuary.

OBSTETRIC DEPARTMENT.

- I. Each student attending cases for the Midwifery Department of the Hospital shall post in the Consulting-room his telephone address by day and by night.
- II. He shall, on receiving a summons from the Hospital, promptly obtain from the Consulting-room the address of the patient and the midwifery-bag.
- III. At the conclusion of the case the midwifery bag is to be returned, and the midwifery return book written up and signed.
- IV. In any case of difficulty or danger he shall summon the Resident Medical Officer. No instrumental interference is to be undertaken by students.

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 :—

- I. 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.

- II. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
- III. 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.
- IV. 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.

- V. 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.

- *I. 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 after examination, or *ad eundem gradum*, and must pass an examination as hereinafter prescribed.
- *II. 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 on the recommendation of the Faculty of Medicine.

III. The examination for the Degree shall be in such one of the following groups of subjects as the candidate may select:—

- (a) General Medicine, including that of the Nervous System, Medical Ophthalmology, Therapeutics, and the History of Medicine.
- (b) Diseases of the Nervous System, Mental Physiology and Pathology, and the History of those subjects.
- (c) Pathology, including Pathological Anatomy, Bacteriology, and the History of those subjects.
- (d) Obstetrics, Gynæcology, the Diseases of Infancy and of Childhood, and the History of those subjects.
- (e) State Medicine in all its branches, including Medical Jurisprudence and Hygiene, and the History of those subjects.

IV. The examination shall be held, when required, in the third term of each academic year, and may be conducted by means of printed or written papers, *vivâ voce* questions, practical demonstrations, and clinical examination of patients.

V. A candidate may submit, with the notice of his intention to enter for the examination, an original thesis of his own composition on some branch of medical study or of the allied sciences, and embodying the result of independent research. 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 of the recognised Medical Societies of Australasia or of Great Britain, and the candidate must indicate wherein he considers that his thesis advances medical knowledge or practice. If the thesis be adjudged by the Faculty of Medicine, or by Examiners nominated by the Faculty to adjudicate upon it, to be of sufficient merit, the candidate may be exempted by the Council from a part or the whole of the examination for the Degree.

VI. 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.

VII. 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 III.

- (b) Prescribing general rules for the admission of candidates to the examination during the first or second years after they have been admitted to the Degree of Bachelor of Medicine, but without restricting the power of the Council to grant permission in special cases on the recommendation of the Faculty.

Any such Schedules shall be published in the University Calendar as soon as possible after they are approved by the Council.

VIII. The names of successful candidates shall be arranged in alphabetical order.

IX. 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	

X. Each candidate shall forward to the Registrar, before the 1st of July in the year in which he wishes to be examined for the Degree, a notice in the subjoined form, or as near thereto as circumstances will permit :—

I, _____, a Bachelor of Medicine of 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 Medicine.

I desire to present myself for Examination in the third term of the current academic year in the following group of subjects :—

I submit herewith a Thesis on _____
(if a thesis be presented)

And I forward the prescribed fee of £15 15s.

DATED the _____ day _____, 1907.

Signature of Candidate.....

Postal Address.....

To the Registrar,
University of Adelaide.

Allowed 12th December, 1907.

NOTE.—The Thesis or notice of intention to enter for examination must reach the Registrar not later than 1st July.

SCHEDULE UNDER REGULATION VII. (b)

Circumstances under which the period of three years may be shortened :—

1. If the candidate has passed the M.B. Examinations in the First Class, or
2. If the candidate has 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. If the candidate has been assisting in the teaching in this or some other University recognised by the University of Adelaide.

The Faculty shall recommend to the Council the extent of exemption in each individual case.

OF THE DEGREE OF MASTER OF SURGERY.

REGULATIONS.

- I. 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 after examination, or *ad eundem gradum*, and must pass an examination as hereinafter prescribed.

Masters of Surgery of other Universities will only be admitted to the *ad eundem* Degree of this University if the Faculty of Medicine certify that in their opinion the Degree is of an equivalent standing to the Degree of Master of Surgery in this University.

- *II. No candidate shall be eligible for examination until the ninth academic term after his admission to the Degree of Bachelor of Surgery, except by permission of the Council on the recommendation of the Faculty of Medicine.

- III. The examination for the Degree shall be in the Principles of Surgery, including Surgical Anatomy, Pathology, Operative Surgery, and the History of those subjects, and, in addition, in such one of the following groups as the candidate may select :
- (a) Gynæcology, including the surgery incidental to Obstetrics, and the History of those subjects.
 - (b) The Surgery of the Abdomen, and its History.
 - (c) The Surgery of the Organs of the Special Senses, Throat and Larynx, and the History of those subjects.
- IV. The Examination shall be held, when required, in the third term of each academic year, and may be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients.
- V. A candidate may submit, with the notice of his intention to enter for the Examination, an original thesis of his own composition on some branch of Surgery, or of the allied sciences, and embodying the result of independent research. The thesis may be written specially for this Degree, or be an already published work, or a paper or series of papers read before any of the recognized Medical Societies of Australasia, or of Great Britain, and the candidate must indicate wherein he considers that his thesis advances surgical knowledge or practice. If the thesis be adjudged by the Faculty of Medicine, or by Examiners nominated by the Faculty to adjudicate upon it, to be of sufficient merit, the candidate may be exempted by the Council from a part, or from the whole, of the examination for the Degree.
- VI. 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.
- VII. 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 III.
 - (b) Prescribing general rules for the admission of candidates to the examination during the first or second year after they have been admitted to the Degree of

Bachelor of Medicine and Bachelor of Surgery, but without restricting the power of the Council to grant permission in special cases on the recommendation of the Faculty.

Any such schedules shall be published in the University Calendar as soon as possible after they are approved by the Council.

VIII. The names of successful candidates shall be arranged in alphabetical order.

IX. The following fees shall be paid in advance:—

On entry for examination	...	...	£15	15	0
For the Degree of Master of Surgery			10	10	0

X. Each candidate must forward to the Registrar, before the 1st of July in the year in which he wishes to be examined for the Degree, a notice in the subjoined form, or as near thereto as circumstances will permit:—

I, _____ a Bachelor of Surgery of 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 Master of Surgery.

I desire to present myself for Examination in the third term of the current academic year in the following group of subjects:—

I submit herewith a Thesis on.....
(If a thesis be presented)

And I forward the prescribed fee of £15 15s.

DATED the _____ day _____, 1907

Signature of Candidate.....

Postal Address.....

To the Registrar,
University of Adelaide.

SCHEDULE UNDER REGULATION VII (b).

Circumstances under which the period of three years may be shortened:—

1. If the candidate has passed the M.B. and B.S. final examinations in the first class, or
2. If the candidate has 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. If the candidate has been assisting in teaching in this or some other University recognised by the University of Adelaide, or
4. If the candidate is a Fellow of the Royal College of Surgeons, England.

The Faculty shall recommend to the Council the extent of the exemption in each individual case.

OF THE DEGREE OF BACHELOR OF DENTAL SURGERY.

REGULATIONS.

*I. Before entering upon the course, the intending student must have passed in the following five subjects of the Senior Public Examination:—

- (1). English Literature.
- (2). Physics.
- (3). Arithmetic and Algebra.
- (4). Geometry; and
- (5). one of the following:—(a) Latin, (b) Greek, (c) French, (d) German.

* Allowed 1st April, 1920.

- *II. To obtain the degree of Bachelor of Dental Surgery the student must complete four academic years of study, and pass the examination proper to each year before commencing the course of study and practice for the following year.
- †III. Subsequent to passing the entrance examination, and before admission to the degree, candidates shall have served under articles of apprenticeship for a period of three years to a dentist registered in any part of the British Empire or at a recognised Dental Hospital. Such apprenticeship shall not be recognised if the number of students apprenticed to any one dentist in his private practice is thereby increased to three or more at one and the same time. A copy of the articles of apprenticeship shall in every case be filed with the Registrar within three months from the date of their execution, or within such further time as the Faculty of Dentistry may in any special case determine. The articles of apprenticeship must contain a clause binding the registered dentist not to have more than one other student apprenticed during the currency of such articles of apprenticeship.
- *IV. Schedules 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. Such schedules shall prescribe:—
1. Details of the course of study and practice for each academic year.
 2. The forms of notices and certificates required from students under these regulations.
- *V. 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.
- †VI. The Ordinary Examination shall be held in November of each year, the date to be fixed by the Council. In addition, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council.

† Allowed 1st April, 1920.

† Allowed 9th December, 1920.

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.

- *VII. Except where otherwise provided by these regulations, the names of the successful candidates at each Ordinary Examination shall be arranged in three classes, and in each class in order of merit.
- *VIII. 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 settling 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.
- *IX. 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.
- *X. 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.

Every such student shall be required to comply with the schedules of the fourth year in regard to dental and hospital practice.

*XI. At the First Examination the student shall satisfy the examiners in each of the following subjects :—

1. *Anatomy and Dissections.*
2. *Chemistry*, including laboratory work.
3. *Physics.*
4. *Dental Metallurgy*, including laboratory work.

†XII. At the Second Examination the student shall satisfy the examiners in each of the following subjects :—

1. *Anatomy and Dissections.*
2. *Dental Anatomy*, human and comparative.
3. *Physiology.*
4. *Dental Histology.*
5. *Dental Prosthesis.*

†XIII. At the Third Examination the student shall satisfy the examiners in each of the following subjects :—

1. *General Surgery.*
2. *General Pathology and Bacteriology.*
3. *Dental Patho-histology.*
4. *Dental Materia Medica and Therapeutics.*
5. *Dental Prosthesis.*
6. *Operative Dentistry.*

†XIV. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects :—

1. *General Medicine.*
2. *Dental Surgery and Dental Pathology.*
3. *Dental Prosthesis.*
4. *Orthodontics.*
5. *Anaesthetics.*

* Allowed 1st April, 1920.

† Allowed 9th December, 1920.

*XV. The following shall be the fees for the course, payable per term, in advance, in such instalments as the Council shall from time to time determine :—

FIRST YEAR.			
Anatomy and Dissections	... ..	£8	8 0
Chemistry, including laboratory work	... ..	6	6 0
Physics	... ..	4	4 0
Metallurgy, including laboratory work	... ..	3	3 0
			£22 1 0
SECOND YEAR.			
Anatomy and Dissections	... ..	8	8 0
Dental Anatomy	... ..	2	2 0
Physiology	... ..	8	8 0
Dental Histology	... ..	2	2 0
Dental Prosthesis	... ..	4	4 0
			25 4 0
THIRD YEAR.			
General Surgery	... ..	4	4 0
Dental Materia Medica and Therapeutics	... ..	3	3 0
General Pathology and Bacteriology	... ..	5	5 0
Dental Patho-histology	... ..	2	2 0
Dental Prosthesis	... ..	4	4 0
Operative Dentistry	... ..	4	4 0
			23 2 0
FOURTH YEAR.			
General Medicine	... ..	4	4 0
Dental Surgery and Dental Pathology	... ..	4	4 0
Orthodontics	... ..	3	3 0
Anaesthetics	... ..	2	2 0
			13 13 0
			84 0 0
Fee for each Ordinary Examination	... ..	3	3 0
Total examination fees for the four years	... ..	12	12 0
Fee for the degree of Bachelor of Dental Surgery	... ..	5	5 0
			£101 17 0

Fee by each candidate for supplementary examination, £3 3s.

* Allowed 9th December, 1920.

For Syllabus, see Appendix, pp. 75*—79*.

SCHEDULES.

SUBJECTS FOR EACH YEAR OF THE DENTAL COURSE:—

I.

During the first academic year every student shall attend a course of instruction on each of the following subjects:

- (a) Anatomy.
- (b) Chemistry.
- (c) Physics.
- (d) Dental Metallurgy.

And shall

- (e) Attend also the practical demonstrations in Dental Prosthesis at the department of Dentistry of the Adelaide Hospital.

Students articulated to a private practitioner, and receiving from him practical instruction in dental prosthesis, may be exempted from attendance at the department of Dentistry of the Adelaide Hospital in the first year's requirements in Dental Prosthesis.

During the second academic year every student shall attend a course of instruction on each of the following subjects:

- (a) Anatomy.
- (b) Dental Anatomy, human and comparative.
- (c) Physiology.
- (d) Dental Histology.
- (e) Dental Prosthesis.

And shall

- (f) Attend a course of demonstrations in operative technique at the department of Dentistry of the Adelaide Hospital.
- (g) Attend a course of demonstrations in dental prosthesis at the department of Dentistry of the Adelaide Hospital.

Students articulated to a private practitioner, and receiving from him practical instruction in dental prosthesis, may be exempted from attendance at the department of Dentistry of the Adelaide Hospital in the second year's requirements in Dental Prosthesis.

During the third academic year every student shall attend a course of instruction on each of the following subjects :

- (a) General Surgery.
- (b) General Pathology and Bacteriology.
- (c) Dental Patho-histology.
- (d) Dental Materia Medica and Therapeutics.
- (e) Dental Prosthesis.
- (f) Operative Dentistry.

And shall

- (g) Attend diligently the dental practice of the department of Dentistry of the Adelaide Hospital during the whole of the academic year, such attendance to include clinical lectures and demonstrations in crown and bridge work.
- (h) Attend diligently for four months the surgical practice of the Adelaide Hospital, including the office of surgical dresser for one term.

During the fourth academic year every student shall attend a course of instruction on each of the following subjects ;

- (a) General Medicine.
- (b) Dental Surgery and Dental Pathology.
- (c) Dental Prosthesis.
- (d) Orthodontics.
- (e) Anaesthetics; and attend the course of demonstrations in the administration of Anaesthetics at the department of Dentistry of the Adelaide Hospital.

And shall

- (f) Attend diligently the course of laboratory work prescribed in Dental Prosthesis and Orthodontics at the department of Dentistry of the Adelaide Hospital.
- (g) Attend diligently the dental practice of the department of Dentistry of the Adelaide Hospital during the whole of the academic year, such attendance to include clinical instruction and clinical lectures.
- (h) Attend diligently during four months the medical practice of the Adelaide Hospital, including the office of Medical Clerk during one term.

II.

Every student, at the time of forwarding to the Registrar the notice of his intention to present himself at each of the above examinations, shall produce certificates of his having completed the course of study and practice proper to each year.

RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ADELAIDE HOSPITAL

NOTE.—Students' Fees must be paid during the first week of attendance.

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.

- II. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
- III. 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.
- IV. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.
- V. Each student commencing attendance on the clinical practice of the Hospital shall be required to pay—

An Entrance Fee of	£2	2	0
For instruction in Bacteriology ...	£1	1	0
For instruction in Practical Pathology	£2	2	0

These fees shall be paid to the Secretary of the Hospital.

- VI. The members of the Honorary Staff will give clinical instruction on the following terms, viz. :—

For the medical practice of the Hospital, for each student ...	£2	2	0
For the surgical practice of the Hospital, for each student ...	£2	2	0

These fees shall be paid to the Registrar of the University.

CLINICAL WORK AT THE HOSPITAL.

- I. From the beginning of the Hospital clinical year until the commencement of the academic year, each student of the third year shall attend a course of elementary medical and surgical training. It shall consist of four lectures with demonstrations each week, two given by the Medical Tutor and two by the Surgical Tutor.

- II. Each clinical clerk and surgical dresser shall be appointed to an Honorary Officer of the medical or surgical staff by the Medical Superintendent.
- III. He shall attend at the Hospital on the days and at the hours fixed by his Honorary Officer, and shall accompany him in his work in the wards and in the out-patient department, and perform any duties which may be required of him by the visiting or resident medical or surgical staff.

At the end of the term, if he has fulfilled these conditions, a certificate shall be signed by his Honorary Officer, and at the end of the year his certificates shall be signed by the Medical Superintendent and countersigned by the Chairman of the Board. If the conditions have not been fulfilled, the Honorary Officer may refuse to sign the certificate, and the Dean of the Faculty of Dentistry shall be informed.

OF THE DEGREE OF BACHELOR OF MUSIC.

REGULATIONS.

- I. 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 Senior Public examination, or
- (b) have passed in the following subjects of the Senior Public examination:—
1. English Literature
 2. History
 3. One language other than English
- and 4. One other subject not being a language

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.

- II. 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 IX.
- III. To complete an academical year of study, a candidate must attend the courses of lectures delivered on each 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 be passed in the same academical year in which the lectures have been attended.
- IV. 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.
- V. At the first annual examination each candidate shall be required to satisfy the examiners in each of the following subjects:—
- Acoustics and Musical Theory.* (150)
Ear Tests.
Harmony and Counterpoint. (151 and 152)
History of Music. (153)
Pianoforte Playing (154) *or Organ Playing.* (155)
- VI. At the second examination each candidate shall be required to satisfy the Examiners in each of the following subjects:—
- Harmony and Counterpoint.* (156 and 157)
Double Counterpoint, Canon, and Fugue. (158)
History and Literature of Music. (159)
Form and Analysis.

VII. At the third examination each candidate shall be required to satisfy the examiners in each of the following subjects:—

Harmony and Counterpoint. (165)

Double Counterpoint, Canon, and Fugue. (166)

Form and Instrumentation. (167)

History and Literature of Music. (168)

VIII. The examinations in all the above subjects may be conducted partly by printed questions and partly *vivâ voce*.

IX. 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.

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.

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.

- X. 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.
- XI. The names of the successful candidates at each examination shall be arranged in three classes in alphabetical order in each.
- XII. 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.
- XIII. 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.

XIV. 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.

XV. The following fees shall be payable in advance:—

Lecture fees. For each term	£3	3	0
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Examination fees—

For each Ordinary examination	3	3	0
--------------------------------------	---	---	---

For each Supplementary examination	1	11	6
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Students exempted from attendance at any lectures shall pay, in addition to the Ordinary examination fee, half the lecture fees during such period of exemption.

Fee payable by each student to accompany his exercise under section IX.	£5	5	0
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Fee for Executant's examination under section IX.	5	5	0
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Fee on taking the degree of Bachelor of Music ..	3	3	0
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XVI. 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.

XVII. 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.

XVIII. Candidates who have passed in Pianoforte or Organ playing in the first year's examination for the Diploma of Associate in Music, or in Grade III of the Public examinations in Practice of Music, shall be exempted from further examination in those subjects for the first year of the course for the degree.

Allowed 10th December, 1919.

For Syllabus see Appendix, pp: 80^a—83^c.

OF THE DEGREE OF DOCTOR OF MUSIC.

REGULATIONS.

- I. 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.
- *II. 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.
- III. 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.
- IV. Candidates whose exercises have been approved shall be required to pass a Final Examination in:—
1. Harmony, up to eight parts.
 2. Counterpoint, up to eight parts.
 3. { Double Counterpoint, } up to five parts.
 { Canon, and Fugue, }
 4. Instrumentation.
 5. History of Music.
 6. Musical Analysis

- *V. The above examination shall be held, when required, in the month of November.
- VI. The names of the successful candidates at each examination shall be arranged in alphabetical order.
- VII. The following Fees shall be payable in advance:—
- | | |
|--|----------|
| On presenting the Exercise | £5 6 0 |
| “ attending the Final Examination ... | £5 5 0 |
| “ taking the Degree of Doctor of Music ... | £10 10 0 |

** Allowed 10th August, 1916.*

Allowed 12th December, 1907.

OF THE DIPLOMA IN EDUCATION.

REGULATIONS.

- I. There shall be a Diploma in Primary Education and a Diploma in Secondary Education. Candidates may take either or both of the Diplomas.
- II. To obtain the Diploma in Primary Education every candidate—
- (1) Shall for three full years, or the equivalent thereof, have regularly attended lectures and passed examinations in the Faculties of Arts or Science or of both. The subjects of study shall include English Language and Literature, Psychology, and the Principles and History of Education, as prescribed for the ordinary degree of Bachelor of Arts.
 - (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.
- III. 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 English Language and Literature, Psychology, and the Principles and History of 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.
- IV. Candidates may be excused from attendance at lectures or practical work, but only on special grounds to be allowed by the Council.
- V. 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.
- VI. 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.
- VII. The undermentioned fees shall be payable in advance :

For examinations—

Hygiene	£1	1	0	
Educational Psychology ...	1	1	0	
Principles of Primary School Method	}	1	1	0
Or, Principles of Secondary Edu cation				
Thesis	1	1	0	
For the Diploma	1	1	0	
				£5 5 0
For inspection of Practical Teaching				£5 5 0

* Allowed 9th December, 1920.

(For Syllabus, see pp. 16*—18*.)

NOTE.— Holders of the Diploma in Education may use the letters
Diplom. Educ.

OF THE DIPLOMA IN FORESTRY.

REGULATIONS.

- I. To obtain the Diploma in Forestry every candidate shall
- (a) Satisfy the Faculty of Science of his fitness to enter upon the course.
 - (b) Before entering upon the course, pass the Senior Public Examination in Arithmetic and Algebra and Geometry.
 - (c) Before, or within one year of, beginning the course pass in Trigonometry in the Senior Public Examination.
 - (d) Spend two academical years at least in his course of study at the University.
 - (e) Before beginning each year of his course, obtain the approval of the Lecturer in Forestry of the subjects which he proposes to study.
 - (f) Attend regularly courses of lectures and pass examinations in all the subjects set out in Regulation II. hereof.
 - (g) Submit satisfactory evidence of having spent twelve months (of which at least nine months shall be consecutive) in gaining approved experience of practical forestry, either in the South Australian Woods and Forests Department, or under other approved instructor.
 - (h) After completing the twelve months' practical experience required in clause (g), pass a final examination in Forestry.

II. The subjects for the Diploma in Forestry are as follows:—

Physics. (37)

Botany. (62)

Physiography. (55a)

Biology: reduced course for Forestry students. (66)

Forestry: Section A. (Part only of 71e)

Forestry: Section B. (Part only of 71e)

Surveying. (Part only). (106)

Chemistry. (45)

Forest Botany. (65b)

III. Each candidate, while spending the required twelve months in gaining practical experience, shall forward to the Lecturer in Forestry, at the end of each month, a full record in diary form of his practical work. The Council may, on the recommendation of the Faculty of Science, refuse to accept any evidence of practical experience which shall not have been endorsed by the Lecturer in Forestry as satisfactory and adequate.

IV. Schedules defining the range of studies for lectures, laboratory work, and examinations, shall be drawn up by the Faculty of Science, and, when approved by the Council, shall be published as early as possible in each year.

V. Candidates may be exempted by the Council from attendance at lectures or at examinations, in accordance with the Regulations for the Degree of Bachelor of Science governing such exemptions.

VI. The lecture fees payable by candidates studying for the Diploma in Forestry shall be as set out for the corresponding subject for the Degree of Bachelor of Science, excepting that for Forestry, for which the fee shall be £5 5s. for each section. The fee for the final examination in Forestry shall be £2 2s. Half fees shall be charged for a subsequent examination. The fee for the Diploma shall be £2 2s.

VII. These Regulations shall be administered by the Faculty of Science, who shall advise the Council on all questions touching the studies, lectures, and examinations of this course.

Allowed August 7, 1913.

OF THE DIPLOMA IN COMMERCE.

REGULATIONS.

*I. There shall be a Diploma in Commerce, to obtain which candidates shall attend lectures and pass examinations in the undermentioned subjects, viz. :—

1. Economics and Commercial History.
2. Economic Geography I.
3. Industrial and Commercial Law.
4. Accountancy.

and in three of the following optional subjects, but either Industrial Practice or Commercial Practice must be selected :—

1. Industrial Practice.
2. Commercial Practice.
3. Banking and Exchange.
4. Public Administration and Finance.
5. Transport and Marketing.
6. Australian Industries.
7. Statistics.
8. Economic Geography II.

** Allowed 9th December, 1930.*

*II. 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 a supplementary examination in any subject in a year in which there is no ordinary examination; but, except upon special grounds to be approved by the Council, only candidates who were qualified to sit for a former examination in the same subject shall be allowed to present themselves for such supplementary examination.

III. 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.

†III.A. Candidates who have passed the prescribed examinations shall be awarded the Diploma, and shall be designated Associates in Commerce of the University of Adelaide.

‡IV. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance :—

	For Lectures.	For Examination. s. d.
1. Economics and Commercial History	£3 3 0	... 5 0
2. Economic Geography I.	... 2 2 0	... 5 0
3. Industrial and Commercial Law	... 2 2 0	... 5 0
4. Accountancy	... .. 4 4 0	... 10 0

* Allowed 9th January, 1913.

† Allowed 1st April, 1908.

‡ Allowed 9th December, 1920.

OPTIONAL SUBJECTS.

	For Lectures.		For Examination.	
	s.	d.	s.	d.
1. Industrial Practice	1	11 6	...	5 0
2. Commercial Practice	1	11 6	...	5 0
3. Banking and Exchange... ..	1	11 6	...	5 0
4. Public Administration and Finance	1	11 6	...	5 0
5. Transport and Marketing	1	11 6	...	5 0
6. Australian Industries	1	11 6	...	5 0
7. Statistics	1	11 6	...	5 0
8. Economic Geography II.	1	11 6	...	5 0
Fee for the Diploma			1	1 0

Fee for a supplementary examination in any subject shall be four times the fee for an ordinary examination in the same subject.

V. 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.

*VI. Candidates may be excused attendance at lectures on any subjects in which they desire to be examined, but only upon special grounds approved by the Council.

Candidates exempted from attendance at lectures in any subject shall, in addition to the examination fee, pay half the lecture fee for that subject during such period of exemption.

VII. Candidates who have passed equivalent examinations, and desire to count them towards the Diploma, may be granted such exemption from the requirements of these regulations as the Council may determine.

VIII. 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.

IX. 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 altogether or discontinued.

**Allowed December 21st, 1910.*

Allowed December 12th, 1907.

NOTE.—Holders of the Diploma may use the letters A.C.U.A.

For Syllabus, see Appendix, pp. 84*—90*.

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE.

REGULATIONS.

- I. There shall be a Diploma in Economics and Political Science, to obtain which candidates shall attend lectures for not less than three years and pass examinations in the undermentioned subjects,
 1. *Economics and Commercial History.*
 2. *Advanced Economics.*
 3. *British Constitutional History, and*
 4. *Political Science.*
- II. There shall be an examination at the end of each year's work in any subject. Written 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 a supplementary examination in any subject; but, except upon special grounds to be approved by the Council, only candidates who were qualified to sit for a former ordinary examination in the same subject shall be allowed to present themselves for such supplementary examination.
- III. Candidates shall enter at least one month before the date fixed for the examination, and shall 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 or Lecturers.
- IV. Candidates who have passed the prescribed examinations shall be awarded the diploma, and shall be Associates in Economics and Political Science in the University of Adelaide, entitled to use the designation "Diplom. Econ."
- V. 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 in January or February of each year.

VI. Candidates may be excused attendance at lectures in any subject in which they desire to be examined, but only upon special grounds approved by the Council.

Candidates excused from attendance at lectures in any subject shall, in addition to the examination fee, pay half the lecture fee for that subject during such period of exemption.

VII. Candidates who in any other course in the University have passed an examination in any subject mentioned in Clause I., and desire to count it towards the Diploma, shall do such additional work in that subject as may be prescribed by the Council.

VIII. A candidate who has passed the University Examination in any subject of the courses prescribed for the B.A., B.Sc., or LL.B. Degrees, may have the fact recorded on his Diploma.

IX. 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 altogether or discontinued.

X. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance—

	For Lectures.	For an ordinary examination.	
		s.	d.
1. Economics and Commercial History	£3 3 0	...	10 0
2. Advanced Economics	1 11 6	...	5 0
3. British Constitutional History ...	3 3 0	...	10 0
4. Political Science	1 11 6	...	5 0
Fee for the Diploma	1 1 0		

Fee for a supplementary examination in any subject shall be four times the fee for an ordinary examination in the same subject.

Allowed 10th December, 1919.

For Syllabus, see Appendix, p. 92.

UNIVERSITY TUTORIAL CLASSES.

The University Tutorial Classes, which were first established by the University in 1918, 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 5/- per class, per annum.

The following classes will commence their studies in March or April, 1921 :—

Subject.	Time and Place of Meeting.	Year.	Tutor.
Economics I.	... University, Thursday, 8 p.m.	2nd	Mr. H. Heaton, M.A., M.Com.
English Literature ...	University, Thursday, 8 p.m.	2nd	Rev. G. H. Wright, M.A.
English Literature ...	University, Monday, 8 p.m.	3rd	Mr. J. C. McDonnell, M.A.
Political Philosophy	University, Monday { 3.30 p.m. 8 p.m.	2nd } 2nd }	Mr. R. Bronner, B.A.
Modern History ...	University, Tuesday, 8 p.m.	1st	Mr. H. Heaton- M.A., M.Com.
Political Philosophy	Gawler, Tuesday, 8 p.m.	2nd	Mr. R. Bronner, B.A.
Economics ...	... Freeling, Wednesday, 8 p.m.	1st	Mr. R. Bronner, B.A.

Syllabuses and further information may be obtained on application to the Director of Tutorial Classes, University, Adelaide, or the General Secretary of the Workers' Education Association, University, West Wing, Adelaide.

EVENING CLASSES.

The University possesses a small endowment for the encouragement of students who are unable to attend Lectures during the day. The Council has accordingly made the following arrangements:—

1. Full courses of Lectures and practical work in Arts and Science may be given in the evening or late in the afternoon when there is an adequate demand, and when the work is of a kind that can be adequately studied in the evening. A reference to the Annual Report in Part V. of the Calendar will show intending students what evening courses were given during the past session. Intending students should also consult with the Dean of the Faculty in which they propose to study.

The Education Department has established Studentships for the encouragement of such students (for details see Evening Studentships, p. 243), and the Council admits students of the School of Mines, and students of the Pharmaceutical Society, at a reduced fee.

EXTENSION LECTURES.

3. The Council has also instituted short courses of lectures, called Extension Lectures in Arts and Science, at a nominal fee. Public intimation of these lectures is made from time to time during the session.

The following courses will be given at the University in 1921:—

“Sidelights on Medical Subjects,” by Professor Cleland.

“The League of Nations: its Principles and Aims,” by Professor Phillipson.

“Physiology of Everyday Life,” by Professor Robertson.

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.

If not yet qualified to take the course but intending to do so provided they pass the necessary examinations in February or March they shall when entering give notice of such intention and shall, if successful in March, forthwith complete their entry and pay the required fees.

Late entries may be accepted by the Council under the provisions set out in the second paragraph of Clause 1 of Chapter IX. of the Statutes.

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 re-agents and materials are provided by the Laboratory, but each student is required to provide himself with the following :—

1 pocket lens	1 camel-hair brush (fine)
1 forceps (fine-pointed)	Microscope slide glasses, 3"
1 scissors (fine)	by 1", in cover glasses
3 needles in handles	No. 2
1 pipette with rubber teat	Lead pencils
2 dusters	Notebook for drawing, which
1 soft silk handkerchief	must be of unruled
2 razors (one flat and one hollow-ground)	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 ls. 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.

RULES OF THE BIOLOGICAL 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 re-agents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—

1 pocket lens.	2 Forceps (broad and fine pointed).
3 dozen slides, 3 in. x 1 in.	
$\frac{1}{2}$ -oz. cover-glasses, $\frac{3}{4}$ in. squares No. 2.	2 scissors (large and small).
1 box for mounted slides.	3 needles (in handles).
1 case of biological instruments, containing—	1 seeker.
3 scalpels (large and small).	1 section lifter.
	2 razors.

Microscopes: Medical students are required to supply their own instruments (see First year schedule for degree 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 Biology 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.	Notebook, lead and coloured pencils.
1 small chamois leather.	
1 soft silk handkerchief.	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. Each student taking the course of Physiological Chemistry must, at the beginning of the third term, pay a deposit fee of 10/-. Against this deposit fee all breakages, and also the cost of filter paper, litmus papers, platinum wire and foil, glass tubing, and sundries, will be debited. The balance, if any, will be refunded at the end of the year. If at any time the value of the apparatus broken, and materials used by a student, exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- VII. 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.
- VIII. All preparations made from materials supplied by the University shall be its property.
- IX. No experiments of a dangerous nature may be performed without the express sanction of the Professor.
- X. 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.
- XI. 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.
- XII. 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.

RULES OF THE CHEMICAL LABORATORY.

- I The Chemical Laboratory shall be open upon each week-day, during Term time (Saturdays and holidays excepted), from 10 a.m. to 5 p.m.
- II. Instruction will be given in Qualitative and Quantitative Analysis; but no student will be admitted to Laboratory work until he has shown to the satisfaction of the Professor of Chemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- III. Each student will be provided by the University with a set of re-agents, and a working bench with necessary fittings, to which gas and water are laid on, and also with all apparatus necessary for the ordinary courses of Qualitative Analysis.
- IV. Each student must, at the beginning of the year, pay a deposit fee of £1. Against this deposit fee all breakages, and also the cost of filter paper, litmus papers, platinum wire and foil, glass tubing, platinum chloride solution, and sundries will be debited. The balance, if any, will be refunded at the end of the year. If at any time the value of the apparatus broken and materials used by a student exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- V. Students engaged in Quantitative Analysis must provide themselves with a platinum crucible and capsule, and a set of gramme weights.
- VI. Students engaged in private investigations must provide themselves with any materials they may require which are not included amongst the ordinary re-agents; also with the common chemicals, when they are employed in large quantities.
- VII. 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.
- VIII. All preparations made from materials supplied by the University shall be its property.
- IX. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

- X. 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.
- XI. The Professor may exclude any student from the Chemical 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.
- XII. 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.
- XIII. The fees for students not attending the ordinary course of instruction are as follows :—
- For 5 days in the week, £4 5s. 0d. 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. 0d. per month, or £6 per term.
 - For 2 days in the week, £2 0s. 0d. per month, or £4 per term.
 - For 1 day in the week, £1 0s. 0d. per month, or £2 per term.

Made by Council, June 26, 1903.

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.

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,
 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. The use of pen and ink in the Library is strictly prohibited, except at tables set apart for the purpose.

4. 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, members of the teaching staff, the Registrar, and the Assistant Registrar shall be entitled to borrow books from the Library.

2. Any book may be borrowed, with the exception of works specially reserved, but these may be borrowed if permission is granted by the Council.

3. 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.

4. No book or periodical may be borrowed until it has been entered on the borrowers' list.

5. 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.

6. 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.

7. 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.

8. 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.

AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD.

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.”

NOTE.—The Ordinances of the University of Cambridge may be consulted on application to the Registrar.

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.

OXFORD.

ADELAIDE, UNIVERSITY OF.

[1]

That 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.*

[2]

That 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.*

[3]

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, have also passed the following resolution concerning medical studies:—

“That in Medical Schools recognised by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognised 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 Senior Public Examination), Geography (at the Junior or Senior Public Examination).

And two of the following, including not more than one language :—

Physics, Chemistry, Latin, Greek, French, German (all at the Senior Public 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 Mechanical or Electrical Engineering from 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 recognised for the training of candidates for the examinations of the Institute. The University is recognised under Section 4, Clause 2, and Section 5, Clause 2, of the Regulations of the the Institute which are as follows :—

Section 4, Clause 2 :—“Candidates who have obtained the Pass Degree of Bachelor of Science in a recognised 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 recognised 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.

The Angas Engineering Scholarship.

The Hon. J. H. Angas has founded in connection with the University a Scholarship of £200 a year for two years, of which the object is to "Encourage the training of Scientific men, and especially Civil Engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship has been founded, and upon which it will be awarded, see Statutes, Chapter XIII, "Of the Angas Engineering Scholarship," page 90.

The Scholarship will be offered in June, 1921, and again in 1922.

For form of notice by candidates of intention to compete for the Scholarship, see below.

Awards.

For previous awards see Calendars from 1911.

1910	Burgess, Leslie Frank, B.Sc.
1912	Angwin, Hugh Thomas Moffitt, B.Sc.
1914	Potts, William Andrew, B.E.
1916	Goodman, Cyril William, B.E.
1920	Nicholson, Hugh John Gay, B.E.

The following form of notice is prescribed :—

NOTICE BY CANDIDATE OF INTENTION TO COMPETE FOR THE "ANGAS ENGINEERING SCHOLARSHIP."

I hereby give notice that it is my intention to present myself as a Candidate for the "Angas Engineering Scholarship" at the Special Examination to be held in the month of _____, 19____, in the subjects of—

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....

I send herewith the documentary evidence specified in the underwritten schedule.

Dated this.....day of.....19____.

Signature of Candidate

Address of Candidate

This is the schedule referred to in the above-written notice

1. Proof of date of my birth.....
2. Proof of residence for five years in South Australia
3. Proof of good health.....
4. Proof of graduation in Arts or Science at the University of Adelaide.....

Signature of Candidate

The Angas Engineering Exhibitions.

These Exhibitions are of the value of £40 per annum, tenable for three years by undergraduates in Science. For conditions see Statutes, Chapter XIII., "Of the Angas Engineering Scholarship and the Angas Engineering Exhibitions," Sections 11 to 17 inclusive, page 92.

An examination for one Exhibition will be held in November, 1921. Last day of entry, 1st October. Candidates who fail to give notice by the prescribed date may be permitted to enter on payment of a fee of 5/-

For form of notice by candidate of intention to compete for an Angas Engineering Exhibition, see page 223.

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1921 :—

- | | |
|---|---|
| 1. Pure Mathematics | } As for the
Higher Public
Examination. |
| 2. Physics (including practical work) | |
| 3. Chemistry (including practical work) | |
| 4. Applied Mathematics | |

In addition, the candidate shall be required to write an English essay as set for the Government bursary candidates in the Higher Public Examination. The scale of marks shall be as prescribed for the Higher Public Examination.

Candidates for the Exhibition must pass in English Literature and one of the following languages, viz., Latin, Greek, French, or German, in either the Senior or the Higher Public Examination. These may be passed either before or in the same year as that in which the examination for the Exhibition is held.

Awards.

For previous awards, see Calendars from 1904.

- | | |
|------|--|
| 1916 | Thrum, Edward Allen (resigned).
Piper, Roderick Arthur. |
| 1917 | Morton, Christopher Gordon |
| 1918 | Jackman, Frank Downer |
| 1919 | Pomroy, Richard Osborne |
| 1920 | |

The following form of notice is prescribed :—

NOTICE BY CANDIDATE OF INTENTION TO COMPETE FOR AN "ANGAS
ENGINEERING EXHIBITION."

I hereby give notice that I intend to present myself as a Candidate for an "Angas Engineering Exhibition" at the Examination to be held in the month of _____, 19____, and I send herewith the documentary evidence specified in the underwritten Schedule.

Dated this.....day of.....19.....

Signature of Candidate.....

Address of Candidate.....

This is the schedule referred to in the above-written notice.

1. Proof of date of my birth.....

2. Certificate that I have passed the requisite
Examination.....

Signature of Candidate.....

The John Howard Clark Prize.

This Prize, of the annual value of about £20 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 94.

Awards.

For previous awards, see Calendars from 1904.

1916 Not awarded.

1917 Threadgill, Bessie

1918 Tapp, Adrian Lynda

1919 Edgerley, Margaret.

1920 Crampton, Mary Hope St. Clair

The Roby Fletcher Prize.

This Scholarship was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. The prize is of the value of £10, and is awarded annually. For conditions see Statutes, Chapter XX., page 101.

Awards.

For previous awards, see Calendars from 1904.

- 1916 Purton, David Gabriel.
- 1917 Mander, Linden Alfred
- 1918 Piper, Francis Ernest
- 1919 Chamberlain, Reginald Roderick St. Clair
- 1920 Brown, Henry

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 95.

Awards.

For previous awards, see Calendars from 1904.

- 1916 { Buttrose, Ian
Burns, Leonard James
- 1917 { Brebner, Charles Cave
Waterhouse, Arthur Greaves
Stevens, Edgar Loveday
Buttrose, Ian
- 1918 { Brebner, Charles Cave
Buttrose, Ian
Stevens, Edgar Loveday
- 1919 { Kelly, William Raymond
Piper, Francis Ernest
Stevens, Edgar Loveday
- 1920 { Bean, Edgar Layton, B.A.
Kelly, William Raymond
Piper, Francis Ernest
Ure, Gwendolen Helen

The Stow Scholarship.

Every Bachelor of Laws who, during his undergraduate course, has three times obtained the Stow Prize is entitled to the style of Stow Scholar, and receives a gold medal.

For previous awards see Calendars from 1918.

Awards.

- 1904 Gordon, James Leslie
- 1907 Bray, Marmiou Matthews
- 1910 Ligertwood, George Coutts, B.A.
- 1918 Buttrose, Ian
- 1919 Stevens, Edgar Loveday

The Elder Prizes.

Sir Thomas Elder having since 1882 given £20 yearly for prizes in the Faculty of Medicine the Council, at his death in 1897, resolved to continue the Prizes. They are of the value of £10 each and are awarded to the best students in the first and second years of the M.B. Course who are placed in the First Class.

Awards.

For previous awards see Calendars from 1898.

- 1916 { Hussey, Percival Francis Leitch (First year)
Streich, Carl Ivo (Second year)
- 1917 { Florey, Howard Walter (First year)
Walmsley, Robert Leitch Eric (Second year)
- 1918 { Clark, Annie Winifred } equal (First year)
Sumner, Donald James Robert }
West, Esmond Frank (Second year)
- 1919 { Thyer, Frederic Lewis (First year)
Sumner, Donald James Robert (second year)
- 1920 { Formby, Myles Landseer (first year)
Hosking, Herbert Champion (second year)

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, Lecturer in the Principles and Practice of Medicine and Therapeutics at the University.

They are awarded to the best student in each of the third and fourth years of the M.B. Course who shall be placed in the First Class.

For conditions see Statutes Chapter XXI. "Of the Dr. Davies-Thomas scholarships," page 101.

Awards.

For previous awards see Calendars from 1911.

1916	{	Cilento, Raphael West (Third year)	} equal (Fourth year)
		Beare, Frank Howard	
		Cairns, Hugh William Bell	
1917	{	Streich, Carl Ivo (Third year)	} equal (Fourth year)
		Cilento, Raphael West (Fourth year)	
1918	{	Hills, George Ridge (Third year)	} equal (Fourth year)
		Lindon, Leonard Charles Edward (Fourth year)	
1919	{	Florey, Howard Walter (Third year)	} equal (Fourth year)
		Not awarded (Fourth year)	
1920	{	West, Esmond Frank (Third year)	} equal (Fourth year)
		Florey, Howard Walter (Fourth year)	

The Dr. Charles Gosse Medal.

Founded in memory of the late Dr. Charles Gosse.

For conditions see Statutes, Chapter XL., page 123.

Awards.

1918	Bollen, Kenneth Willoughby
1919	Rieger, Clarence Oscar Ferrero.
1920	Hussey, Percival Francis Leitch

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 Class List of the Final Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions see Statutes Chapter XVIIA. "Of the Everard Scholarship," page 96.

Awards.

For previous awards, see Calendars from 1904.

1916 Not awarded.

1917 Cairns, Hugh William Bell

1918 { Cilento, Raphael West } equal
 { Grant, Richard Longford Thorold }

1919 Lindon, Leonard Charles Edward

1920 Hetzel, Kenneth Stuart

The Hartley Studentship.

This Studentship has been founded 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 on the results of the Higher Public Examination, and is available for the B.A., B.Sc., B.E., LL.B., M.B., or Mus. Bac. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 101.

Awards.

For previous awards see Calendars from 1911.

1916 Gillman, Sherlock Hill Marshall.

1917 Smith, James Wearing

1918 Harris, John

1919 Farrent, Thomas Albert

1920 Brooke, Malcolm Archibald

**The South Australian Commercial Travellers' Association
(Incorporated) Scholarship.**

The original Scholarship founded by the Commercial Travellers Association, and awarded on the nomination of that Association has been withdrawn in favour of the "Eric Smith Scholarship" and the "Archibald Mackie Bursary."

The Eric Smith Scholarship.

This Scholarship has been founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions see Statutes, Chapter XVIIb., "of the Eric Smith Scholarship" page 96.

1916 Not awarded.

1917 Cooper, Thomas Edwards

The Archibald Mackie Bursary.

This Bursary has been founded in memory of Archibald Mackie, formerly Secretary of the S.A. Commercial Travellers' Association.

For conditions see Statutes XVIc. "of the Archibald Mackie Bursary," page 97.

Award.

1916 Shepley, William Allen (resigned 1920)

The Tinline Scholarships for History.

These two Scholarships, of the annual value of £30 each, tenable for two years, were 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 109.

Awards.

For previous awards, see Calendars from 1913.

1916	{	Not awarded
1917		
1918		Threadgill, Bessie
1919		Adams, Reginald Keith Sorby
1920		Kelly, Eric Gordon

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.

See Statutes, Chapter XXXI., "Of the David Murray Scholarships," page 110.

CONDITIONS AND METHODS OF AWARD BY FACULTIES.**ARTS.****PHILOSOPHY.**

Two prizes, one of £20 and one of £10, will be offered for the best Essays on "The Evolution of Mind in Animals."

Candidates should include a list of the literature on the subject that they have studied.

Graduates or undergraduates of the University will be eligible to compete, but candidates must not have matriculated before 1914, unless they have been on active service; in such case there is no restriction.

Awards will not be made unless the Essays are considered to be of sufficient merit.

The Essays must reach the Registrar on or before the 1st November 1921.

CLASSICS.

A prize will be awarded to the candidate who obtains the highest marks in the Unseen Work of the Final Honours Examination in Classics.

If the candidate passes in the First Class the prize will be £25, and if he passes in the Second Class it will be £12 10s. If there is no candidate either in the First or Second Class the prize will not be awarded.

SCIENCE.

This Scholarship is awarded to enable a graduate in Science to carry out some scientific investigation. The recipient, who must have qualified for the B.Sc. degree, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment shall be made in two instalments, the first on approval by the Council of the subject of the scholar's work, the second on receipt of a satisfactory report of progress.

LAW.

The Scholarship is divided into three equal parts, one part being awarded to the best student in Roman Law, International Law, and Theory of Law and Legislation respectively.

The awards will be made on the results of the examinations in November of the year in which the lectures are given, on condition that the student has attended such lectures and is considered to be of sufficient merit.

In consequence of the three above-mentioned subjects only being lectured upon in alternate years, there will be one award only in one year and two awards in the following year.

MEDICINE.

The Scholarship, of the value of £25, is for post-graduate work, and is offered for the best thesis for the Degree of Doctor of Medicine or Master of Surgery. The period for which candidates may compete is limited to three years after graduation.

Awards.

For previous awards, see Calendars from 1913.

- | | | |
|------|---|--|
| 1916 | { | ARTS { CLASSICS—Somerville, Sesca Lewin |
| | | PHILOSOPHY—Davey, Constance Muriel, B.A. |
| | | SCIENCE—Chemistry—Hurst, Walter William |
| | | LAW—Private International Law—Burns, Leonard James |
| 1917 | { | SCIENCE—Kessell, Stephen Lackey |
| | | LAW—Waterhouse, Arthur Greaves |
| 1918 | | LAW—Brebner, Charles Cave |
| 1919 | { | ARTS—PHILOSOPHY { Mander, Linden Alfred, B.A., First prize |
| | | LAW—Roman Law and Theory of Law and Legislation—Opie, Thomas Schultz, Second prize |
| | | Stevens, Edgar Loveday |
| | | SCIENCE—Chemistry—Berry, Philip Alan |
| 1920 | | LAW—Private International Law—Kelly, William Raymond |

The Lowrie Scholarships.

These Scholarships, of the value of £150 each, were founded by an anonymous donor.

For conditions, see Statutes, Chapter XXXIII., page 111.

Award.

1916—Stephens, Cyril Forster.

The John Lorenzo Young Scholarship in Political Economy or some cognate subject, and the John L. Young Scholarship for Research.

These Scholarships have been founded in memory of the late John Lorenzo Young, the founder and proprietor of a school formerly known as the Adelaide Educational Institution.

For conditions see Statutes, Chapter XXXIX., page 120.

Awards.

1916—Research—Hurst, Walter William

1917 Do. Finlayson, Hedley Herbert

1918 { Political Economy or some cognate subject—
Jackson, Sarah Elizabeth, M.A.
Research—Menz, Anna Magdalene Augusta

1919—Research—Coombs, Herbert Isaac

1920—Research (Chemistry)—Winzor, Frank Lovelock

The Lister Prize.

This prize has been provided by an anonymous donor in memory of the late Lord Lister.

For conditions, see Statutes, Chapter XXXVIII., page 119.

The John Creswell Scholarships.

These Scholarships have been founded 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 115.

Awards

(BY UNIVERSITY).

For previous awards, see Calendars from 1918.

- | | | |
|------|---|---|
| 1916 | { | Kinnish, Florence Maud (Muirden College) |
| | { | Spinkston, William Leslie (Prince Alfred College) |
| 1917 | { | Piper, Clarence Earle (Muirden College) |
| | { | Pitman, Mary Marguerite (Adelaide High School) |
| 1918 | { | Marrett, Lorna Liggett (Norwood High School) |
| | { | Thurston, Frank Harris (Stott's Business College) |
| 1919 | { | Haigh, Claude Alfred (Unley High School) |
| | { | Holten, Dora May (Adelaide High School). |
| 1920 | { | McKie, Duncan (Adelaide High School) |
| | { | Travers, Edward Ambrose (Jamestown High School) |

The John Bagot Botany 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 in books, instruments, or cash, at the option of the student, to the value of £20.

For conditions see Statutes, Chapter XXXIV., page 113.

Awards.

For previous awards, see Calendar for 1914.

- | | | |
|------|---|---|
| 1916 | — | Not awarded. |
| 1917 | { | Murray, Beatrice Jean (Medallist—resigned
Scholarship) |
| | { | Pobjoy, Alice Blake (Awarded Scholarship) |
| 1918 | | Not awarded. |
| 1919 | | Samuel, Geoffrey. |
| 1920 | | Wood, Joseph Garnett |

The John Ridley Memorial Scholarship.

In connection with the Agricultural College at Roseworthy a Scholarship has been founded to perpetuate the memory of John Ridley, the inventor of the Stripper.

This Scholarship is tenable for two years, and will be awarded in alternate years to Diploma Students of the Agricultural College who are desirous of completing the course for the B.Sc. degree in Agriculture at the University,

Award.

1914—Stevens, Cyril Forster.

The Barr Smith Prize for Greek.

The late R. Barr Smith, Esq., gave the sum of £150 to provide for an annual prize of £10. This is awarded to the best student in Greek i., the first year's examination for the Ordinary Degree of Bachelor of Arts.

Awards.

For previous awards, see Calendar from 1913.

1916—Somerville, Dorothy Christine

1917—Purton, David Gabriel

1918 { Naylor, Margaret Mary Jessie Darnley } equal
 { Wait, Marthe Lucy }

1919—Adams, Reginald Keith Sorby

1920 Hassell, Kathleen Lilian

The Andrew Scott Memorial 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 best student in Latin in the first year's examination for the Ordinary Degree of Bachelor of Arts.

Awards.

For previous awards, see Calendar from 1913,

1916 Somerville, Dorothy Christine

1917 Kelly, William Raymond

1918 Stribley, Edwin John

1919 West, Doris Marjorie

1920 Daltry, Kate

The Bunday Prize for English Verse.

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

For conditions see Statutes, Chapter XXXV., page 114.

The subject for the poem for 1921 is—"Lyrical Poems."

The poems must not be more than 100 lines and not less than 50.

Candidates who desire further details are advised to apply to the Dean of the Faculty of Arts.

Award.

1917—Gellert, Leon Maxwell

Science Research Scholarship, Exhibition of 1851.**Awards.**

- 1902 Cooke, William Terner, B.Sc.
 1905 Kleeman, Richard Daniel, B.Sc.
 1909 Glasson, Joseph Leslie, B.Sc.
 1912 Jauncey, George Eric Macdonnell, B.Sc.
 1920 Dawkins, Alfred Ernest, B.Sc.
-

Science Research Bursaries, Exhibition of 1851.**Awards.**

- 1901 Cooke, William Terner, B.Sc.
 1904 Kleeman, Richard Daniel, B.Sc.
 1911 Jauncey, George Eric Macdonnell, B.Sc.
 1913 Sanders, Harold William, B.A.
-

The Rhodes Scholarship.**Awards.**

For previous awards, see Calendars from 1913.

- 1916 Rayner, Howard Luscombe
 1917 Cairns, Hugh William Bell
 1918 Lindon, Leonard Charles Edward
 1919 Howard, Stanford
 1920 Coombs, Herbert Isaac
 1921 Florey, Howard Walter

The Tennyson Medals.**Awards—1920.**

Higher Public—Ludbrooke, Wallis Verco (Adelaide High School)

Senior Public—Last, Marjorie Mildred (Technical High School)

Junior—Wiese, Marjorie Nell (Technical High School)

The Joseph Fisher Medal.

The Statutes provide for the annual award of this Medal to the candidate for the Advanced Commercial Certificate who, on completing the course for such Certificate, shall, in the opinion of the Examiners, be the most distinguished.

For conditions see Statutes, Chapter XXVIII., "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 107.

Awards.

For previous awards, see Calendars from 1913.

1916	} Not awarded.
1917	
1918	Rooney, Patrick William
1919	Not awarded.
1920	Painter, Edward Websdale

The Alexander Clark Memorial Prize.

This Prize has been founded by the Public Schools Decoration and Floral Societies in memory of the late Alexander Clark. The Prize is of the annual value of £12 10s. 0d., and is tenable for three years at the Elder Conservatorium.

For conditions see Statutes, Chapter XXXVII., page 117.

Awards.

1915	Robertson, Merle Katie Smeaton (resigned)
1916	Gard, Harold John (resigned).
1917	Collett, Gwendolyn Victoria Pearl.
1919	Bishop, Lionel Albert Jack

The Research Scholarship in Botany or Forestry.

This Scholarship is of the value of £60.

For conditions see Statutes, Chapter XLIII., page 126.

Award.

1919	Winnall, Nancy Eleanor, B.Sc. (Botany).
1920	Reed, Eileen Ruth Lathlean (Botany)

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:—

- I. There shall be a medal, to be awarded annually, and called the "Tate Memorial Medal."
- II. The medal shall be awarded for the best original work in Australasian Geology (whether in Structural Geology, Palæontology, Mineralogy, or Petrology), to be embodied in a thesis, the subject having been proposed by the candidate and approved by the Faculty of Science. The candidate must give evidence of the authenticity of his thesis. He may also be required to pass an examination in the subject of his thesis.
- III. Any undergraduate in the faculty of science, or any graduate in science of this University of not more than three years' standing, shall be eligible to compete for the medal. Provided that in no case shall any candidate be allowed to compete more than three times.
- IV. The thesis shall be forwarded not later than the first week in July in each year.
- V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.

As amended by Council, July, 1912.

Awards.

- 1903 Gartrell, Herbert William, B.A., B.Sc.
 1904 Basedow, Herbert.
 1905 Not awarded.
 1906 } No candidates.
 1907 }
 1908 Stanley, Evan Richard
 1909 to 1920. No candidates.

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—

- I. There shall be a medal to be awarded annually, and called the Jefferis Medal.
- II. It shall be awarded for distinction in the study of Philosophy, and it shall not be awarded except for work of high merit.
- III. The conditions of study and examination on which the award will be based shall be published annually.
- IV. The medal shall not be awarded to the same person more than once.

The medal will be awarded on the results of the examination in Philosophy Part I. In addition to questions on the books prescribed and on lectures, questions will also be set on—Ward's "The realm of ends."

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—

- I. 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, or Music: Provided nevertheless that the said Lodge may from time to time at the end of any academical year terminate the tenure of the Scholarship by the holder thereof for the time being, and substitute another matriculated Student for such holder. Each Student so substituted shall therefrom have all the advantages appertaining to such Scholarship.

2. Each Scholar studying for a Degree in Arts, Science, or Music, shall during such time as he or she shall hold the Scholarship be exempt from the payment of all University fees, including the fees payable on taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music. Each Scholar studying for a Degree in Laws or Medicine 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

Awards.

For previous awards, see Calendar from 1915.

- 1905 Jacob, Melliar Phelps.
- 1910 Wibberley, Brian William.
- 1913 Phillips, William James Ellery.
- 1916 Kessell, Stephen Lackey
- 1918 Mugford, Frank Kenneth

**Government Bursaries and Studentships,
tenable at the University.**

(Regulations of the Education Department, in regard to Scholarships,
made in 1920).

1. Bursaries.

36. Twelve Bursaries shall be offered annually for competition. Each Bursary allotted to the course in Medicine shall be tenable 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.
37. 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 degree of B.A., B.E., B.Sc., LL.B., M.B. and B.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 of £20 per annum shall be granted to each Bursar; but, at the discretion of the Minister of Education, this allowance may be increased to £40 per annum to any Bursar who is unable to reside with his parents or guardian during the tenure of his Bursary.

38. These Bursaries shall be open for competition by candidates who have been *bona fide* residents of the State of South Australia for the whole of the year in which they compete. Bursaries will be awarded only to those deemed to be of sufficient merit.
39. 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.
40. The award of the Bursaries shall be decided upon the result of the Higher Public Examination of the University together with such, if any, further examination as the Minister directs. Every candidate who has passed in at least four subjects of the Higher Public Examination of the University of Adelaide shall be eligible for the award of a Bursary.
41. The relative values of the subjects of the examination shall be fixed by the Minister.
42. Candidates must be under 19 years of age on the 31st of December in 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 October 31st, and must be on the official form, and candidates must comply with all the requirements of such form.
43. In the year following the examination successful candidates must enter the University as undergraduate students in Arts, Engineering, Science, Law, Medicine, or Music, or the School of Mines as Associateship Students. Those who enter as undergraduate students 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 cases of illness or other sufficient cause, they must attend all lectures and pass all examinations required in the selected course.
44. 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 Minister.

45. 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.
46. 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.
47. 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 to be prescribed by the Minister, and payment may be reduced, or withheld altogether, if such certificate is not satisfactory to the Minister.
48. No person may hold a Bursary in conjunction with any other entrance Bursary, entrance Exhibition, or entrance Scholarship 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.
49. In the event of any Bursary lapsing or being forfeited, 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).*

1919.

<i>Engineering</i>	Farrent, Thomas Albert.	Shepley, Arthur Raymond.
<i>Medicine</i>	- Last, Raymond Jack.	England, Clarence William. Reid, Arthur Douglas.
<i>Law</i>	- - Ure, Gwendoline Helen.	Holmes, Edna Lucy.
<i>Arts</i>	- - Hassell, Kathleen Lillian.	Leidig, Ludwig Adolf Emanuel. Daltry, Kate.
<i>Science</i>	- Dawbarn, Mary Campbell.	

1920.

<i>Engineering</i>	Brooke, Malcolm Archibald.	Fisher, George Read. Short, Kerwin Alfred Robert.
<i>Medicine</i>	- Boucaut, Hillary Ray Penn.	Cotton, James Murray. Glastonbury, Kevin. Phillips, Frank.
<i>Law</i>	- - Bednall, Maurice William.	Buttery, Roland Richard. Tucker, Harold Norman.
<i>Arts</i>	- - Robertson, Iris Esther.	
<i>Science</i>	- Dawson, Alfred Lisle.	

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 examina-

tion 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 February 28th. 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.

The South Australian Scholarship.

This Scholarship, which is now discontinued, was of the value of £200 a year for four years. It was established by the Education Department of the South Australian Government, and awarded on the recommendation of the University to a student who at the date of examination had not attained the age of 21 years. The holders were required to study during the tenure of the scholarship at a European University.

Commissions in the British Army.

Under certain Regulations, one Commission in the British Army may be granted annually to a student of the University of Adelaide.

Candidates must be within the ages of 21 and 25, and will not be granted exemption by the War Office from the Army qualifying examination unless they have passed in the following subjects of the Junior or Senior Public Examination :—

- (1) English, (2) English History, (3) Geography, (4) Arithmetic, (5) Algebra, (6) Geometry ;

and two of the following subjects ;

- (7) Physics or Chemistry, (8) French or German, (9) Latin or Greek.

They will have to undergo a further examination before the home authorities in military subjects, viz .—

1. The elements of Field Fortification.
2. Military Topography.
3. The Elements of Tactics.
4. Military Law.

The full Regulations may be seen on application to the Registrar, and the Council are anxious that eligible candidates should take advantage of the opportunities given.

Commissions in the Royal Navy.

Under certain conditions two commissions as Medical Officers in the Royal Navy may be granted to Colonial candidates.

Candidates must be registered Medical Practitioners and hold suitable certificates in both Medicine and Surgery, and must be within the age of 21 and 28.

Full particulars may be had on application to the Registrar.

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 107):—

- 1904.—“Commercial Education,” by Henry Gyles Turner, Esq.
- 1905.—“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.
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SOCIETIES ASSOCIATED WITH THE UNIVERSITY

The Graduates' Association of The University of Adelaide.

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.

Full membership is open to all graduates of the University upon payment of the annual subscription of ten shillings and sixpence. Any member joining the Association on or before the fourteenth day of December of the then current financial year shall be deemed to be a member as from the fourteenth day of June preceding. Any member

joining the Association after the fourteenth day of December in any year shall, on payment of the sum of five shillings and threepence, be deemed to have paid his or her annual subscription for the current financial year

The Annual General Meeting, at which the election of officers takes place, is held between the first and fourteenth days of June. Special meetings, lectures, and so forth may be held from time to time.

Officers, 1920-21—

Patron—The Hon. Sir G. J. R. Murray, K.C.M.G., B.A., LL.M.,
Chancellor of the University.

President—Professor T. Brailsford Robertson, Ph.D., D.Sc.

Vice-President—W. A. Magarey, LL.B.

Secretary—D. H. Hollidge, M.A.

Treasurer—F. W. Eardley, B.A.

Committee—The officers and six other graduates.

Adelaide University Union.

The objects of the Union are :—

1. To promote social life amongst the members of the University
2. To receive and discuss papers on University subjects
3. To hold periodical debates on subjects approved by the Committee
4. To discuss all University subjects, the consideration of which has been approved of by the Committee.

The Union has a commodious room on the University premises used for debates, socials, and other meetings. On its tables are to be found current magazines and newspapers. It serves the purpose of reading, smoking, and general club room for the members of the Union.

All officers, graduates, undergraduates, and students in law of the University of Adelaide are eligible for membership.

Adelaide University Science Association.

This Association has been formed with the object, mainly, of bringing together students and others connected with the University, and interested in the various branches of Science, of promoting the study of Science by periodical meetings, preparing papers, and occasional lectures, and also of visiting institutions connected with applied science, and making excursions to places of scientific interest.

The Adelaide Medical Students' Society.

This Society was founded in 1889.

Its chief objects are to encourage the writing of papers on subjects of general medical interest, and to promote fellowship among the medical students.

Meetings are held once a month during the first two terms, at which papers written by students 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 as members.

The officers are elected at the first meeting of the year.

The subscription is 2s. 6d. 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.

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 determined annually by the executive committee. For the year 1920 it was ten shillings and sixpence.

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.

Officers for 1921 :—

President—H. Swift, M.D.

Secretary—Professor T. Brailsford Robertson, Ph.D., D.Sc.

Councillors—Professors J. B. Cleland, M.D., and F. Wood Jones, M.B., B.S., D.Sc., M.R.C.S., L.R.C.P.

Adelaide University Christian Union.

FOUNDED 1890. RE-ORGANIZED 1896.

Objects.—To strengthen the bonds of union amongst Christian students, to deepen the spiritual lives, to promote Christian work, especially by and for students, to lead them as they go forth from the University to place their lives where they will be most useful.

Meetings, to which all students are invited, are held every Friday, at 1.15 p.m.; these are addressed by prominent public men.

Bible Study Circles for men and women students are also arranged to meet weekly.

A handbook of convenient shape for the waistcoat pocket containing in condensed form such information as a new student requires, is published at the beginning of each year and presented to students.

Adelaide University Sports' Association.

This Association was formed in the beginning of 1897 by the amalgamation of the Lacrosse, Lawn Tennis, and Boat Clubs, and now includes Boating, Cricket, Lacrosse, Football, Tennis, Athletics, Rifle Club, and Women's Hockey. Its object was to do away with interest in one club to the exclusion of the others, and to bring membership of all the clubs within the reach of every student.

The honorary office-bearers of the Association are a patron, president six vice-presidents, treasurer, three assistant treasurers, a secretary, and assistant secretary.

The General Committee composed of the office-bearers, together with two delegates from each constituent club, has sole control of all moneys belonging to the Association, and has power to perform all such acts as shall appear necessary for its management.

The Committee meets once a month for the dispatch of business.

Membership.—Every graduate, or undergraduate, or law student of the Adelaide University, or graduate of any other recognized University is eligible for membership.

The annual subscription for members is £1 10s., and for honorary members £1 1s. Upon payment of this subscription members are entitled to enjoy the privileges of each constituent club, and to wear the black and white colours of the Association.

The membership of the Association is now about 400.

The Committee hopes that the time is not far distant when every student will avail himself of the benefits of membership, thereby fostering that spirit of *esprit de corps* which is so essential to student life.

Officers for 1921 :—

President—Mr. R. H. Wallman, LL.B.

Deputy-Chairman—Mr. D. M. Steele, M.B., B.S.

Hon. Secretary—Mr. D. A. Dowling.

Hon. Treasurer—Mr. D. J. R. Sumner.

and a committee of 18.

University Sports' Ground.

This admirable recreation ground of 6½ acres of park lands, leased from the City Corporation for a period of 21 years, has now been completed, and is available for use by the various clubs of the University Sports' Association. An additional 2 acres was leased in 1919.

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, G. J. R. 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.

A Committee, composed of representatives of the University and of the Sports' Association, has been appointed:—Sir G. Brookman (chairman), the Chancellor, Mr. W. G. T. Goodman, Mr. S. Talbot Smith, Professor Henderson, Professor H. Darnley Naylor, Professor Wood Jones, Dr. Schultz, and three representatives of the Sports' Association. Chas. R. Hodge, Hon. Secretary.

The University Shakspeare Society.

The objects of the Society are to promote an intimate knowledge of the plays of Shakspeare, and of matters connected with Shakspearean study.

The means employed are (a) The reading of the plays, (b) The delivery of lectures or reading of essays upon Shakspearean subjects, (c) The discussion of such subjects by the members, and (d) any other such means as the Committee may deem to be expedient to the end in view.

The subscription fee for each member is 7s. 6d. for the Session, due on the 23rd of April in each year. In the event of the subscription of any member being unpaid three months from that date, the Committee have power to remove the name from the list of members.

The Committee have power to elect as Honorary Members of the Society any persons who have materially helped the Society in any way, or who have done good service in extending the knowledge and appreciation of Shakspeare within the State of South Australia.

The meetings of the Society are held fortnightly at the University, and continue from the first Thursday after the 23rd April in each year until the second Thursday in November of the same year, the University vacations being observed.

The Meetings of the Society commence at 7.45 p.m. and close at 9.30 p.m., extension of time for closing to be arranged by resolution.

Adelaide University Law Students' Society.

The objects of the Society are:—

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 in the week following the commencement 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 two best debaters during the current year. In addition, Mr. F. G. Hicks, LL.B., presents a prize to the first year student who, in the opinion of the Secretary and two third year students appointed for the purpose, shows the greatest proficiency in his addresses during the year.

Officers for 1921 :—

President—Professor Coleman Phillipson, M.A., LL.D. D.Litt.

Secretary—E. W. Piper.

Treasurer—R. F. Newman.

The Adelaide University Women's Union.

FOUNDED JULY, 1909.

The object of the Union is to promote the common interests of, and to form a bond of union between, past and present Women Students.

A Reunion is held annually, upon the evening following Commemoration.

The Debating Club and the Women Graduates Club are Sub-Societies. The last was founded in July, 1914, and has a membership of about 40.

The annual subscription is 5/-.

The membership is about 120.

President—Miss C. M. Davey, M.A.

Vice-President—Miss J. H. Moncrieff, B.A.

Hon. Secretary—Miss E. D. Nobes.

Treasurer—Miss K. deB. Magarey.

Adelaide University Arts Association.

FOUNDED 1907.

Meetings are held on the first Friday evening of each month in the First and Second Terms.

Objects :—To discuss subjects of interest to students in Arts and to promote social life.

Past and present members of the Arts School meet at the Annual Dinner held in August.

President—Professor G. C. Henderson.

Hon. Secretary—Mr. A. O. Nietz.

University Society of Commerce, Founded 1909.**OBJECTS.**

The objects of the Society are :

- (a) To represent and further the views, wishes and interests of members of the Society and others engaged in Commercial pursuits, and for this purpose to watch proposed changes in

the law and practices affecting commerce, and to promote such amendments and reforms thereof as shall from time to time be approved of by the Society.

- (b) To assist in furthering and improving the status of commercial education.
- (c) To offer scholarships in connection with any course in Commerce at the University of Adelaide.
- (d) To aim at the establishment of the Degree of Bachelor of Commerce at the University of Adelaide.
- (e) To consider and determine upon and to take all steps which will promote the prosperity of the Society and its members, and whenever the Society shall so determine to cause the Society to be incorporated.
- (f) Such other objects as a General Meeting of the members shall from time to time determine upon.

OFFICERS.

PATRON—The Chancellor, the Hon. Sir George Murray, K.C.M.G.

PRESIDENT—The Chairman of the Board of Commercial Studies, J. R. Fowler, Esq., M.A.

VICE-PRESIDENTS—Professor Mitchell, M.A., D.Sc and Messrs. R. J. M. Clucas, B.A. ; S. J. Jacobs ; J. H. Gosse ; H. Heaton, M.A., M.Com. ; W. Neill ; H. K. Samuel ; P. E. Johnstone, B.A., LL.B. ; V. E. R. Dumas ; W. J. Young ; H. W. Lloyd ; R. M. Steele, A.C.U.A. ; S. Russell Booth, B.A.

HON. SECRETARY AND TREASURER—Mr. E. H. Tassie, A.C.U.A.

The Classical Association of South Australia.

PATRON—The Hon. G. J. R. Murray, B.A., LL.M., Chancellor of the University.

PRESIDENT—Professor H. Darnley Naylor.

VICE-PRESIDENTS—Professor W. Mitchell, Vice-Chancellor of the University ; Dr. Jethro Brown ; Mr. W. R. Bayly ; Mr. T. Ainslie Caterer.

HON. SECRETARY—Mr. D. H. Hollidge.

RULES.

The Name of the Association is "The Classical Association of South Australia."

The objects of the Association are—

- (a) To impress upon public opinion the claim of Classical studies to an eminent place in the national scheme of education.
- (b) To improve the practice of Classical teaching by free discussion of its scope and methods.
- (c) To encourage investigation and to call attention to new discoveries.
- (d) To create opportunities for friendly intercourse and co-operation among all lovers of Classical learning in this country.

All Graduates of any recognised University, and all who are interested in Classical studies, except those students of the University of Adelaide who have not graduated in any course and are still engaged in Classical studies, are eligible for membership.

The annual subscription is half-a-crown, due and payable on the 31st March in each year.

The Mathematical Teachers' Association of South Australia.

Patron—The Hon. Sir George Murray, Chancellor of the University.

President—Professor J. R. Wilton.

Vice-Presidents—Professor W. Mitchell, Vice-Chancellor of the University; Professor R. W. Chapman.

Hon. Secretary—Mr. G. F. Sharpe.

Hon. Treasurer—Mr. F. I. Grey.

Committee—Miss C. M. Davey, Miss E. F. Haycraft, Miss F. M. Sharman, The Rev. Bro. Purton, Mr. R. A. West. The President, Secretary, and Treasurer are, *ex officio*, members of the committee.

RULES.

The name of the Association is The Mathematical Teachers' Association of South Australia.

The objects of the Association are—

- (a) To encourage and to diffuse an interest in mathematical studies, and particularly in mathematical pedagogy.
- (b) To provide opportunities for friendly intercourse and for the free discussion of all questions connected with the study and teaching of mathematics.

All who are interested in the teaching of mathematics are eligible for membership.

The annual subscription is 2/6, due and payable on the first day of March in each year.

The Association shall meet at least three times a year, in March, June, and October.

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. Dental Students at the University, or those studying under section "e" of the Dental Act, are eligible for membership.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1921.

PART II.

The Elder Conservatorium.

PREFACE.

REGULATIONS.

RULES.

DIPLOMA OF ASSOCIATE IN MUSIC.

SCHOLARSHIPS.

PRIZES.

THE SCHOOL OF MUSIC.

PREFACE.

DEGREES IN MUSIC.

Provision is made for granting the degrees of Bachelor and Doctor of Music.

BACHELOR OF MUSIC.

The academic course for the degree of Bachelor of Music extends over three years, after which the student, in order to obtain the degree, must either compose an original exercise as defined by the regulations, or qualify as an executant in a practical subject, such as Pianoforte, Organ, Violin, or Singing, and pass a final examination of a comprehensive character in such subject. See p. 191.

DOCTOR OF MUSIC.

A Bachelor of Music may, three years after graduating, proceed to the degree of Doctor of Music, to obtain which he must compose an original exercise as defined by the regulations, and pass a final examination in specified subjects. See p. 196.

ELDER CONSERVATORIUM.

The Elder Conservatorium has been established for the purpose of providing a complete system of musical education. Students may enrol for a period of not less than one year, and

may receive tuition in any Principal subjects, or they may proceed with the prescribed course for the diploma of Associate in Music. See p. 262.

DIPLOMA COURSE.

The course for the diploma extends over three years, and those who qualify are entitled to use the letters A.M.U.A. (Associate in Music of the University of Adelaide). See pp. 265.

SECONDARY CLASSES.

A special feature of the work of the Elder Conservatorium is the large number of Secondary classes available in such subjects as singing, ensemble playing, and languages. Students may attend these classes without taking a principal subject. See pp. 264,

SCHOLARSHIPS.

Thirteen scholarships are available for competition, providing free tuition at the Elder Conservatorium in various subjects for three years; also one prize of the value of £12 10s. per annum.

Two additional scholarships are offered annually in connection with the Public Examinations in Music. These also are tenable for three years. See pp. 277.

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)
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 and History of Music
 Musical Form and Analysis
 Ear and Rhythm training and Musical appreciation
 Sight singing and Musical dictation
 Ensemble playing
 String Orchestra
 Choral singing

and such other subjects as come within the scope of a musical education.

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 10/6 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 abovementioned 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.

Students taking an additional principal subject shall be allowed a reduction of two guineas in the annual fee for it.

X. For students taking a principal subject, additional fees, as specified below, shall be charged for the undermentioned subjects, if classes for them are formed to the satisfaction of the Council:—

French	} each £0 10 6	Per Term.
German		
Italian		
Diction and Department		

- XI. Students not taking a principal subject may take any of the following subjects for the fees specified below :—

	Per Term	Per Annum.
Choral or Part singing class, each		£0 10 6
Theory of Music—		
(a) Elementary or Junior ...	0 10 6	
(b) Intermediate or Senior ...	1 1 0	
History of Music ...	1 1 0	
Musical Form and Analysis ...	1 1 0	
Ear and Rhythm training and Musical Appreciation ...	1 1 0	
Sight singing and Musical dicta- tion	1 1 0	
Ensemble playing ...	1 1 0	
String Quartet class ...	1 1 0	
String Orchestra ...	0 10 6	
Violin class ...	1 1 0	
French	} each ...	1 1 0
German		
Italian		
Diction and Deportment		

- 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."

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 of such intention at least one month before the end of a term.

3. Students shall attend punctually at the hour appointed for their lessons, and in the event of absence shall notify the Lady Superintendent.

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, July 18th, 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.

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, and must pass the examination proper to each year:—

1. Pianoforte Playing.
2. Singing.
3. Violin Playing.
4. Violoncello Playing.
5. Organ Playing.
6. Musical Composition.

A candidate who has passed Grade I. of the Public Examinations in Music, in both Theory and 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 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.

V. At the second examination each candidate shall be required to satisfy the examiners in each of the following subjects:—

1. Harmony.
2. History of Music.
3. Principal Subject.

VI. At the third examination each candidate shall be required to satisfy the examiners in each of the following subjects:—

1. Harmony.
2. History of Music.
3. Principal subject.

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.

VII. Each candidate who makes Pianoforte Playing, Singing, Violin, Violoncello, or Organ Playing his principal subject, 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.

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 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	}	In not more than four parts
Counterpoint		
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 satisfied the examiners shall be designated Associates in Music of the University of Adelaide.

XI. The following fees are prescribed:—

Fee for each examination	...	...	...	...	£1	11	6
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 10th December, 1919.

For Syllabus, see Appendix, pp. 93-104.

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. The subjects for which Scholarships are awarded shall, for the present, be—

- Musical Composition (one)
- Singing (two)
- Pianoforte (two)
- Violin (two)
- Organ (one)
- Violoncello (one).

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

Musical Composition—	not less than 15	nor more than 25	}	On the
Singing	" 17	" 24		1st day of
Organ	" 14	" 24		December
Pianoforte	" 12	" 21		in the year
Violin	" 12	" 24		in which the
Violoncello	" 12	" 24		examination is held.

No candidate who holds, or who has held, any other scholarship or prize tenable for three years at the Elder Conservatorium, for any of the above subjects, shall be eligible to compete for 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 shall take the three years' course and pass the examinations prescribed for the Diploma of Associate in Music. If he fail to pass the examination proper to his year, he shall forthwith forfeit the Scholarship for the remaining portion of the term of three years, 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.

- VIII. The holder of a Scholarship shall be exempt from payment of all fees in the Associate of Music course, except the fee for the Diploma.

- 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.

Allowed 13th December, 1917.

AWARDS.

For previous awards see Calendars from 1908.

Awarded November, 1918, for 1919—

Coombe, Reginald Joseph (Organ)
 Gold, Vi Doreen (Pianoforte)
 Leahy, Winefride Mary (Singing)
 Stoneman, Doreen (Violin)
 Voit, Selma (Singing)

Awarded November, 1919, for 1920—

Fisher, Helena (Violin), Honorary Scholar
 Harvey, Valda Lila (Singing)
 Martin, Myrtle Alice (Composition)
 Meegan, Alice (Pianoforte)
 Roennfeldt, Clifford Otto (Violoncello)
 Thrush, Albert Reginald (Special for Tenor voice)
(Resigned)
 Wood, Raymond Walkden (Singing) (Resigned)

Awarded 1920 for 1921—

Williams, Melville William James (Violoncello)

ELDER CONSERVATORIUM FREE SCHOLARSHIP.

RULES.

1. There shall be an annual scholarship to be called the "Elder Conservatorium Free Scholarship," which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in 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 enquiry, 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 EUGENE ALDERMAN SCHOLARSHIPS.

These Scholarships have been founded in memory of the late Eugene Alderman. For conditions see Chapter XLI. of the Statutes, page 123.

AWARDS.

1918	{	March—Yates, Edgar William David (Violin)
		November—Gilbert, Eleanor Marion (Singing)
1920	{	Moss, Gwendoline (Violin)
		Morton, Nellie Elaine (Pianoforte)

THE BROOKMAN SCHOLARSHIP.

RULES.

The Rules made by the Council on August 28th, 1914, are hereby repealed, and the following substituted therefor:—

- I. The Scholarship shall be called the "Brookman Scholarship."
- II. Candidates for the Scholarship may present themselves in any one of the following Principal Subjects—Pianoforte, Violin, Organ, Violoncello, or Singing, and 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.

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

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

on the first day of December in the year in which the examination is held.

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 the Brookman Scholarship.

IV. 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.

V. The Scholarship shall be of the annual value of £20, 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 Scholarship 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 shall, unless exempted by the Director, also study the Viola.

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

VII. Every holder of the Scholarship shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music. If he fails to pass the Examination proper to his year, he shall forthwith forfeit the Scholarship for the remaining portion of the term of three years, 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.

VIII. 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.

IX. These Rules may be varied from time to time.

* Made by Council June 26th, 1919.

Made by Council April 27th, 1917.

AWARDS.

- 1913—Bottrill, Mary Sophie Sunbeam (Singing). (Resigned).
1914—Gill, Hilda Beatrice (Singing).
1916—Coonan, Rita Norlean (Singing).
1919—Jones, Winifreda Linda Ann (Singing).
-

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.

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 50th October, 1914.

AWARDS.

For previous awards see Calendars from 1911.

- 1916 Robinson, Sarah Constance Mabel
 - 1917 Rodgers, Frances Ada
 - 1918 { Miller, Dorothy Ray } equal
 { Munro, Elizabeth Margaret }
 - 1919 Oates, Edith Agnes Pretoria
 - 1920 Lawrie, Elva Lenore
-

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1921.

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 292.

FOR LOCAL CENTRES AND OFFICERS SEE PAGE 38.

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.

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.**REGULATIONS.**

- I. Two scholarships, each tenable for three years, one exempting the holder from payment during the tenure thereof of fees for tuition and examination for the Degree of Bachelor of Music, and the other exempting the holder from payment during the tenure thereof of fees for tuition and examination for the Diploma of Associate in Music, shall be offered annually at the Public Examinations in music held in South Australia and Broken Hill in September.

- II. Candidates who obtain Honours 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 in Grade I. or Grade II. in Practice of Music shall be eligible to compete for that tenable for the Diploma course. Each scholarship shall be awarded on the results of a special examination to be held in November each year. Provided, however, that:
 - (a) No candidate who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium shall be eligible to compete.
 - (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 Diploma of Associate in Music shall, during each year of its tenure, pass the examination prescribed for that Diploma.

Failure to pass any such examination 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.

Allowed 30th November, 1916

AWARDS.

For previous Awards, see Calendars from 1910

- 1916 { Chaplin, Erica Rita Ina (Theory).
Riedel, Melita (Practice).
- 1917 { Meegan, Kathleen Mary (Practice).
Theory—not awarded.
- 1918 { Phillips, Muriel Edith (Theory).
Prince, Jean Florence (Practice).
- 1919 { Harvey, Faith Fairbank (Theory).
Williams, Mervyn Ewart Lancelot (Practice).
- 1920 { Taylor, Laurel Evelyn (Theory).
Naylor, Ruth Winnifred (Practice).
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ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1921.

PART IV.

ANNUAL REPORT.

BIBLIOGRAPHY.

FINANCIAL STATEMENTS.

PASS LISTS.

ROLL OF HONOUR.

LETTERS PATENT.

ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE

ANNUAL REPORT FOR THE YEAR 1920.

To His Excellency Lieutenant-Colonel Sir William Ernest George Archibald Weigall, K.C.M.G., 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 1920 :—

I. THE COUNCIL AND THE SENATE.

In November Mr. F. Chapple, Mr. M. M. Maughan, Mr. W. G. T. Goodman, Dr. Helen Mayo, and Dr. B. Poulton ceased, by effluxion of time, to hold office as members of the Council. Mr. Maughan did not offer himself for re-election. On the 24th November the Senate elected Mr F. Chapple, Mr. W. G. T. Goodman, Dr. F. S. Hone, Dr. Helen Mayo, and Mr. W. T. McCoy.

During the year the honour of Knight of the Order of the British Empire was conferred upon Mr. George Brookman, a member of the Council.

The Senate re-elected Mr. Frederic Chapple, C.M.G., B.A., B.Sc., as its Warden, and Mr. T. A. Caterer, B.A., as its Clerk.

II. THE STAFF.

The Council deeply regrets to record the deaths of Mr. John Shiels and Mr. J. Edwin Thomas, members of the Board of Commercial Studies. Both gentlemen took an active interest in commercial education, and rendered valuable service in this direction. Mr. Thomas also held the office of Auditor to the University for 28 years.

Professor Howchin resigned his Lectureship on Geology and Palaeontology at the end of the year, after 19 years' valuable service. To mark its high appreciation of the work done by him, the Council has invited him to retain the title of Honorary Professor. It was resolved not to continue the

separate Lectureships, and the Council created a new Chair of Geology and Mineralogy, and appointed Sir Douglas Mawson to be the first occupant of such Chair.

In recognition of Professor Watson's long service as Professor of Anatomy, the Council conferred upon him the title of Emeritus Professor.

Mr. Russell Booth, B.A., was re-appointed Lecturer in Accountancy; and the Board of the Adelaide Hospital has appointed Professor Robertson honorary Consulting Biochemist to the Hospital.

Dr. W. T. Hayward, Lecturer on Materia Medica and Therapeutics, and Dr. J. A. G. Hamilton, Lecturer on Gynaecology, who had each held office for 19 years, resigned. In accepting their resignations the Council marked its appreciation of the valuable services which they had rendered to the University by conferring upon each of them the title of Lecturer *honoris causa*. A similar honour was conferred upon Dr. Poulton, who retired at the end of 1919.

The Council has made the following appointments:—

Medical School:—

*Lecturers:—*Materia Medica and Therapeutics—Dr. H. K. Fry. Gynaecology—Dr. T. G. Wilson. Medicine—Dr. H. Swift re-appointed. Public Health and Preventive Medicine—Dr. F. S. Hone. Regional and Surgical Anatomy—Dr. M. L. Scott.

*Tutors:—*Medicine—Dr. W. Ray. Surgery—Dr. B. Smeaton. Obstetrics—Dr. T. G. Wilson.

Dental School:—

Medicine—Dr. A. R. Southwood. Surgery—Dr. B. Smeaton. Materia Medica and Therapeutics—Dr. T. G. Shanasy. Dental Prosthesis—Dr. A. Chapman. Orthodontics—Dr. P. R. Newling. Operative Surgery—Mr. F. M. Swan. Dental Surgery and Pathology—Mr. Gill Williams.

*Demonstrator in Anatomy—*Dr. L. W. Jeffries.

Law School:—

Constitutional Law—Mr. R. J. Rudall, LL.B. Law of Wrongs—Mr. H. Thomson, LL.B. Law of Evidence and Procedure—Mr. T. J. M. Napier, LL.B. Roman Law, Mr. R. N. Finlayson, LL.B.

Mr. Wilfred Oldham, B.A., was appointed Assistant Lecturer in History, and Mr. H. W. Nietz, M.A., Assistant Lecturer in Mathematics.

The undermentioned assistants have also been appointed in the following departments:—Mr. Gilbert Dutton, B.Sc., Anatomical and Botanical; Mr. L. J. Millar, B.Sc., Botanical; Mr. L. A. Ray, Physiological; Mr. J. Spencer Mann, Geological; Mr. C. D. Gibb, Engineering; and Mr. E. J. Rogers, Pathological. Steps will be taken early in the year to augment further the staff of Professors and Lecturers in anticipation of the additional accommodation which it is hoped will be provided for 1922. The following additional appointment in the Conservatorium has been made:—Teacher of Pianoforte, Miss Maude Puddy, MusBac., A.M.U.A.

Professor Darnley Naylor has been given one year's leave of absence. Mr. D. H. Hollidge and Mr. G. A. McMillan will discharge the professorial duties of his Chair for the year.

One year's leave of absence has been granted to Mr. W. Silver Teacher of Pianoforte, and six months to Miss Weston, Lady Superintendent of the Elder Conservatorium.

Six months leave of absence was also granted to Dr. W. T. Cooke and Mr. J. H. Phillips, B.Sc., acted as his *locum tenens*.

III. REPRESENTATIVES ON OTHER INSTITUTIONS.

Professor Henderson and Mr. W. J. Isbister were re-elected by the Council to represent the University on the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, and Dr. W. T. Hayward was re-elected to represent the University on the Board of Management of the Adelaide Hospital.

IV. FACULTIES AND BOARDS.

The total number of undergraduates was 736, and there were 23 Bachelors of Arts studying for the M.A. degree. In addition, various lectures of the B.A., B.Sc., Dental, and LL.B. courses, and of the course for the Diploma in Commerce, were attended by 541 non-graduating students. Of these, 53 attended from the School of Mines and 52 from the Pharmaceutical Society.

The number of undergraduates studying for the B.A. Degree was 356, for the B.Sc. Degree 56, for the B.E. Degree 95, and for the LL.B. Degree 94; in addition, 2 non-graduating students were studying for the Final Certificate in Law to enable them to practise in the Supreme Court.

The number of undergraduates studying for the M.B. Degree was 112. 33 completed the first year course, 22 the second, 14 the third, 14 the fourth, and 8 the fifth.

The number of undergraduates studying for the B.D.S. Degree was 18, of whom 2 completed the first year, 2 the second, and 4 the third.

The number of undergraduates studying for the Mus. Bac. Degree was 5.

The number of students taking the course for the Diploma in Commerce was 201.

Special courses of instruction in connection with the Massage Association were held, and 5 students attended.

Evening Classes were held in the following subjects:—Physics (1st year), Inorganic Chemistry, Biology, English Literature, Latin, Psychology, Education, Logic, Ethics, Pure Mathematics (First and Second Year), Accountancy, Banking and Exchange, Commercial Law, Industrial Practice, Commercial Geography, Economics, French, Applied Mathematics, Physiography, Organic Chemistry.

Special tutorial classes were arranged in a number of subjects to assist returned soldiers who were not present in the early part of the year. The Council was enabled to do this by a special grant received for the purpose from the Department of Repatriation.

A special class in Elementary Botany was conducted by Mr. L. J. Millar for the instruction of pharmaceutical students and others, and a special class in Applied Mathematics by Mr. H. W. Nietz.

V. ELDER CONSERVATORIUM.

The number of students attending the Elder Conservatorium was 528, of whom 72 were proceeding with the course for the Diploma of Associate in Music.

During the year 21 public concerts were arranged by the Conservatorium, including 4 Chamber Music concerts.

VI. PUBLIC EXAMINATIONS.

At the special Senior Public Examination in February, 129 candidates presented themselves, and 84 passed in various subjects.

At the Primary Public Examination there were 234 candidates, of whom 138 received certificates; at the Junior Public Examination 1,149 candidates, of whom 457 passed in the necessary five subjects and 585 in fewer than five; at the Senior Public Examination in November 944 candidates, of whom 252 passed in the necessary five subjects and 533 in fewer than five; at the Higher Public Examination 137 candidates, of whom 151 passed in various subjects.

At the Junior Commercial Examination in November, 265 candidates presented themselves, of whom 86 passed in the five subjects and 165 in fewer than five. At the Senior Commercial Examination there were 28 candidates, of whom 7 passed in the five subjects and 19 in fewer than five.

The Minister of Education again granted the use of the Exhibition Building for the examinations in November.

The Public Examinations in Music, held under the agreement between the Universities of Melbourne, Adelaide, Queensland, Tasmania, and Western Australia, and the State Conservatorium of New South Wales, show an appreciable increase in the number of entries.

The Examinations were held in May and September. Professor Laver (of Melbourne), Professor Harold Davies, Mr. T. H. Jones, and Mr. H. S. Parsons examined in Theory of Music, while Professor Laver, Professor Davies, Mr. W. Silver, Mr. G. Walenn, Mr. F. Bevan, and Mr. H. Wylde examined in Practice. In Theory 266 entered and 224 passed, 45 with honours. In Practice 532 entered and 418 passed, 30 with honours.

VII. DEPARTMENT OF FORESTRY.

During the year, information and assistance regarding forestry and the utilization of forest products have been supplied to Government Departments, District Councils, and Agricultural Bureaux. Considerable information regarding trees and timber has been supplied to numerous enquirers.

The development of the Forest of Kuitpo in accordance with the working plan has been continued. During the year about 80 acres of fresh softwood forest have been established, bringing the total area of softwood forests up to about 1,500 acres, and about 40 acres of natural forest regenerated. The total area of the forest is now about 12,000 acres, as against 5,719 when the University took over the control in 1916. Numerous experimental areas have been established, and this forest is now a very fine arboretum. Useful results have already been obtained from the experiments.

In addition to the above the whole area has been maintained and various improvements have been made.

At the Peace Exhibition the Department of Forestry of this University had a display of local forest products.

In the Forest of Kuitpo the sale of produce has been re-arranged. All timber will be sawn by private contract before sale and thus its full value will be secured, and the Forester and his men will be liberated for silvicultural operations.

VIII. COMMERCIAL EDUCATION.

Successful efforts were made at the beginning of the year to extend the scope of the Commercial course. The size of several of the classes severely taxed the accommodation of the lecture-rooms, and has made the need for larger rooms an urgent problem.

IX. UNIVERSITY AND W.E.A. TUTORIAL CLASSES.

The tutorial classes, study circles, and lecture courses arranged by the Joint Committee of Tutorial Classes were far more successful in 1920 than in any previous year. Nine tutorial classes met throughout the whole year, studying Economics (2), English Literature (4), Political Philosophy (2), Psychology (1). Of the nine classes, seven were held in the city or suburbs, one at Mount Gambier, and one at Gawler. Two of them, Economics I and English Literature, completed four years' continuous study; one (Psychology) completed three and a half years' work; the remainder were new classes. The total number of tutorial class students enrolled was 315; the total average attendance for the nine classes was 176.

During the year several lecture courses were arranged. Twelve lectures on Industrial Law were given in the University, and attended chiefly by trade union officials. At Thebarton, the Abattoirs, and Reynella, courses on International Problems were delivered; at Port Adelaide, the Abattoirs, and Port Pirie, weekly or fortnightly lectures were given on English Literature. At Bordertown, Hamley Bridge, and Freeling, courses on Economics or Economic History were held. During the year Mr. R. Bronner, B.A., was appointed tutor for the Barossa district, and devoted his time to taking one tutorial class in the city and visiting Gawler, Freeling, and Hamley Bridge weekly or fortnightly.

The nine tutorial classes held, in all, 192 meetings. One hundred and fifteen lectures of non-tutorial class standard were delivered, making a total of 307 meetings. The total average attendance at classes and lecture courses amounted to 415.

X. EXTENSION LECTURES.

During the year the following Extension Lectures were delivered :—

“The Conquest of Nature,” by Professor Brailsford Robertson.

“Man’s Place in Nature,” by Professor Wood Jones.

“The Ice-clad Continent,” by Sir Douglas Mawson.

The undermentioned courses will be given in 1921 :—

“Side Lights on Medical Subjects,” by Professor Cleland.

“The League of Nations, its Principles and Aims,” by Professor Phillipson.

“Physiology of Everyday Life,” by Professor Robertson.

XI. ENDOWMENTS AND GIFTS.

A most important step in the progress of the University was taken during the year. The Council made an investigation into the needs of all the faculties, and prepared a statement of the annual cost of the developments absolutely required to meet modern demands, to raise salaries to a more reasonable figure, and to maintain the standard of equipment. As a result it was resolved to ask for an addition of £20,000 per annum to the present statutory grants. The Government placed this sum on the Estimates, and Parliament unanimously granted it. The Council appreciates this treatment very highly. The University will now be able not only to hold its place among the rapidly developing universities of the world, but to render more efficient service to the State.

The want of accommodation has been felt more than ever. The government has undertaken to erect a building to house the departments of Physics and Engineering ; and the Council has decided to add a third storey to the Darling Medical Building, and to erect an additional chemical laboratory with room for a hundred students.

These developments will remove part of the difficulty which the professors have felt in prosecuting and encouraging research. The Council believes that the University cannot fail to advance in this duty, and even to take a foremost place in dealing with the problems of growth and of agriculture. Several of the professors have appealed for private benefactions for this and other permanent purposes of the University, and they are greatly assisted by the Act of 1874, under which the State gives 5 per cent. per annum on such benefactions, the annual payment

not to exceed £10,000. This figure, however, has nearly been reached, and the Council has asked the Government to extend or to abolish the limit.

During his life the late Mr. Robert Barr Smith gave £9,000 for the purchase of books for the library. In May the sum of £11,000 was added by members of his family, the interest to be spent in the purchase of books that will bear his name. The Council and the whole University are proud to have a growing memorial of him, and one so appropriate and characteristic.

During the year a number of public spirited citizens subscribed and paid over to the University the sum of £7,000 as a permanent endowment for the promotion of research on the growth and nutrition of man and animals. It is believed that results of great importance both to medical science and stock-raising will accrue from investigation of the effects upon animal development of a dietary containing products derived from organs of internal secretion.

The endowment has been accepted, the necessary Statutes providing for "The Animal Products Research Foundation" have been enacted, and a board of management, with Professor Brailsford Robertson as Director of Research under the foundation, has been appointed.

The undermentioned were subscribers to the fund :—

Messrs. C. H. Angas, Miller Anderson, T. E. Barr Smith, T. Cooper & Sons, T. R. Corpe, H. A. Cowan, H. S. Cowan, I. Cowan, H. W. Crompton, Mrs. Davies Thomas, Messrs. Walter G. Duncan, J. G. Duncan-Hughes, H. H. Dutton, Harold Fisher, W. Gurner, M. S. Hawker, R. M. Hawker, Harold Hughes, Hon. John Lewis, R. B. McComas, J. W. McGregor, A. McFarlane, G. H. McFarlane. Dr. and Mrs. Marten, Messrs. H. M. and R. H. Martin, John Melrose, R. T. Melrose, G. H. Michell & Son, George Milne, Sir George Murray, Mr. W. Herbert Phillipps, Miss L. Reynell, Mr. C. F. Rischbieth, Professor Brailsford Robertson, Mrs. Frank Rymill, Sir Lancelot Stirling, Mr. Henry Thomas, Victoria League of South Australia, Sir Joseph Verco, Mr. Peter Waite, Miss L. Waterhouse, and Mr. S. Wilcox.

A donation of £50 was made by the North Adelaide Congregational Church for the purpose of providing a memorial to the Rev. James Jeffries, LL.D., who was closely associated with the University from its foundation until his death in 1918.

It has been decided that the memorial shall take the form of a portrait bronze medal, to be awarded for distinction in the study of Philosophy.

A further sum of £100 was paid by the old scholars of the late John L. Young, thus increasing the endowment of the Research Scholarship to £800.

When leaving Adelaide, His Excellency Sir Henry Galway presented the University with his portrait. During the year Mr. R. T. Melrose presented a handsome carved chair and footstool for the use of the Chancellor on ceremonial occasions. These gifts were highly appreciated.

The Council also acknowledges the undermentioned gifts made during the year and thanks the donors for these valuable additions to the several departments:—

Exhibit of various steel sections rolled at Newcastle and shown at the Peace Exhibition, by the Broken Hill Proprietary Company.

A collection of Western Australian woods shown at the Peace Exhibition, presented by the Conservator of Forests of Western Australia.

Herbarium of New South Wales vascular plants of about 2,000 specimens, including 1,400 species of indigenous plants with 120 introduced species, presented by Professor Cleland.

Apparatus for measuring the efficiency of windmills. Devised and presented by Mr. W. J. White, M.E.

Model of proposed concrete wharf at Port Adelaide, presented by Mr. E. G. Stone.

Plans presented by the Victorian Railways Department, Harbours Board, and Roads and Bridges Department of South Australia.

A collection of dental models, presented by Dr. A. Chapman.

A valuable ophthalmoscope and table, presented by Dr. M. J. Symons.

A collection of chamber music was presented to the Library by Mr. W. D. Reed, an orchestral work by the Adelaide Bach Society, and several volumes of annotated chamber music programmes, by Mr. E. B. Grundy, K.C.

Valuable gifts of books have also been made by the Chancellor, the Vice-Chancellor, Professors Chapman, Cleland, Wood Jones, and Robertson, Dr. J. A. G. Hamilton, Mr W. W. Hurst, Mr. H. G. Stokes, Mr. C. R. Wilton, and many English publishers; of English newspapers by the proprietors of the (London) *Daily Telegraph*; and of a large mass of material by Universities, learned societies, official departments, and other bodies.

XII. REPRESENTATION ON CONFERENCES, ETC.

The undermentioned were appointed to represent the University at the following conferences :—

Australian Universities Conference held in Sydney in May—Sir Joseph Verco and Professor Darnley Naylor.

The Australasian Association for the Advancement of Science—Professor Cleland and Professor Wilton.

Jubilee Celebrations of the University of Otago—Sir John Salmond.

Scientific Congress at Honolulu—Professor Wood Jones.

Universities Congress to be held in London in June, 1921—Professor Darnley Naylor.

Workers' Educational Conference—The Vice-Chancellor, Mr. H. Heaton (Director of Tutorial Classes), Hon. F. S. Wallis, and Professors Henderson and Darnley Naylor.

Institution of Electrical Engineers—Mr. E. V. Clark, B.Sc., was appointed to represent the University on the Local Advisory Committee.

The Vice-Chancellor was appointed a member of the Australian Universities Advisory Committee.

XIII. UNIVERSITY EXTENSION.

In January last a tender for £18,999 for the Darling Medical Building was accepted, but the progress of the structure has been unfortunately delayed in consequence of the builders' strike and the shortage of cement.

XIV. STATUTES AND REGULATIONS.

During the year the following Statutes and Regulations have been made, amended, or repealed :—

NEW STATUTES.

Chapter XLIV., "Of the Animal Products Research Foundation."

Chapter XLV., "Of the Barr Smith Library."

STATUTES AMENDED.

Chapter X., "Of the Faculties," "Dentistry" added to Clause 1.

Chapter XXX., "Of the Tinline Scholarship," Clauses 2 and 3 repealed and new clauses substituted.

REGULATIONS AMENDED.

The Regulations "Of the Degrees of Bachelor and Master of Arts," "Bachelor of Science," "Bachelor of Dental Surgery," and "Of the Diploma in Education," were repealed and new regulations enacted. Those "Of the Teacher's Certificate" and Regulation X, "Of the Diploma in Commerce," were repealed. The following were also repealed and new regulations substituted:—"Of the Diploma in Commerce, I. and VI.; "Of the Public Examinations—Primary, I. and V.; Junior and Senior, I., V., and VIII.; Higher, II.: Junior Commercial, I., V., and IX.; Senior Commercial, I. and V.

XV. ADMISSION TO DEGREES AND DIPLOMAS.

A Special Congregation in honour of His Royal Highness the Prince of Wales was held on the 16th July.

On behalf of the University, Professor Darnley Naylor read the following Address of Welcome:

UNIVERSITAS ADELAIDENSIS PRINCIPI CAMBRIÆ
EXCELSISSIMO.

Ex animo nos te, princeps nobilissime, volumus omnes hodierno die salutare. Ut enim abhinc annos undeviginti patrem tuum inter hos parietes excepimus idque multo omnium gaudium plausuque, ita te hoc eodem loco eodemque studio iuvat iam nunc excipere.

Quippe ad nos quidem a capite orbis terrarum tanto diversos spatio tamen potest permanere patris tui erga nos benignitas; quam benignitatem ille iam nobis repræsentat, ut qui te, filium carissimum, huc per mare per terras ultro miserit et spectandum nobis et audiendum.

Quid? quæ tu iam in aliis Australiae partibus gessisti, ea et bene scimus et magno aestimamus. Nam te officiorum tam studiosum miramur; te tam facilem aditu amamus; te domi tam impigrum, militiae tam fortem veneramur. At in primis grato salutatur animo te Universitas nostra quod quem honorem Universitas Oxoniensis ad te detulit, eius similem a nostris manibus tibi placuit accipere.

Denique illud oramus atque obsecramus ut, dum in hac nostra civitate versaris, omnia tibi contingant felicissima, ut optima semper utare valetudine, ut cum ad patriam tuam redieris salvus et incolumis, nec immemor sis nostræ in

regem in te tuosque caritatis nec ignarus te ea vincula, quibus una coniungitur imperium Britannicum, vel validiora reddidisse.

The Degree of Doctor of Laws was then conferred upon His Royal Highness EDWARD ALBERT CHRISTIAN GEORGE ANDREW PATRICK DAVID, PRINCE OF WALES, D.C.L. (Oxon.).

In thanking the University for its Address of Welcome, His Royal Highness said:—

Mr. Chancellor,

It is a great pleasure to me to pay this visit to the University of Adelaide, which will soon be celebrating its jubilee as one of the most important foundations in the State. I know that the degree which you have just conferred on me is also held by the King, who was admitted to it nineteen years ago; and I have been much interested to hear that His Majesty then laid the foundation stone of one of your chief buildings, the Science Buildings, which are named after the Prince of Wales.

Before all else I wish to take the opportunity of congratulating the University on its splendid work during the war. I know that it sent out large numbers of its sons, both graduate and undergraduate, and that it also assisted materially in the scientific work which did so much to help the fighting men. My warmest sympathy will always belong to those who have lost friends and relations killed in action, or who have been disabled in the field.

I am all the prouder to be associated with Adelaide University since I have been the comrade-in-arms of so many Adelaide men, and I am very grateful to you for admitting me to the honour of this degree. Though the degree is a very learned one I regard myself as genuinely qualified for it by interest in the life and work of the University, which means so much to the State, and I shall always take pride in my standing as an Adelaide graduate who watches the progress of the University with true sympathy, and wishes it all possible success.

I also thank you most sincerely for your kind welcome and loyal address. I am saying goodbye to Adelaide this morning with genuine regret, for I should much like to have prolonged my first visit to this lovely capital, which I shall remember with pleasure all my life.

At the Commemoration on December 8th, the annual address was given by Professor Howchin. His subject was "The Physical Sciences in Relation to Mental Culture."

The undermentioned were admitted :—

Degree of Bachelor of Laws :

Burns, William Middleton
 Hogan, Esmond John Campbell
 Harris, Ernest Wilfred
 Kelly, William Raymond
 Mellor, Thomas Reginald
 Morgau, Edward James Ranembe
 Olsson, Athol Julius
 Travers, John Leo
 Tucker. Howard Erskine

Degree of Doctor of Medicine :

Burnell, Glen Howard, M.B., B.S.
 Le Messurier, Frederick Neill, M.B., B.S.
 Southwood, Albert Ray, M.B., B.S.

Degrees of Bachelor of Medicine and Bachelor of Surgery :

Hetzel, Kenneth Stuart
 Hills, George Ridge
 Hone, Frank Raymond
 Hussey, Percival Francis Leitch
 Steven, Walter Edward
 Walmsley, Robert Leitch Eric
 Watson, Arthur Harrison Edward
 Wurm, Bertram Eric

Ordinary Degree of Master of Arts :

Mander, Linden Alfred, B.A.
 Oldham, Wilfred, B.A.

Honours Degree of Bachelor of Arts :

Naylor, Margaret Mary Jessie Darnley
 Wait, Marthe Lucy

Ordinary Degree of Bachelor of Arts :

Bills, James
 Brown, Henry
 Browne, Philip
 Hill, John Holroyd
 Higginbottom, Edwin Corlett
 Kelly, Eric Gordon
 Leslie, Jean
 McBryde, Frederick Balfour, LL.B.
 Rayner, George Percival
 Pitt, George Henry
 Priest, Amy Grace
 Sanders, Grace Annie
 Stribley, Edwin John
 Timeke, Edward Waldemar
 Ward, Harry Lancelot

Degree of Doctor of Science :

Bagster, Lancelot Salisbury, B.Sc.

Honours Degree of Bachelor of Science :

Reed, Kileen Ruth Lathlean, B.Sc.
 Simpson, Hugh Denney

Ordinary Degree of Bachelor of Science :

Davey, Roy Herbert
 Paull, Alec Gordon
 Rowe, Ernest Thomas

Degree of Master of Engineering :

White, William John. B.E.

Degree of Bachelor of Engineering :

Altmann, Arthur Richard
 Anderson, William Moffat
 Melbourne, Henry Eoin Sydney
 Messent, Keith Santo
 Kneebone, Christopher Stephen, M.M.
 Robin, Rowland Cuthbert
 Schneider, Walter Herman
 Tilemann, Carl Norboy
 Tuck, Harry Playford, B.Sc.

Diploma in Applied Science :

Altmann, Arthur Richard
 Anderson, William Moffat
 Berriman, Robert Harold, B.E.
 McCloughry, Edgar James
 Melbourne, Henry Eoin Sydney
 Messent, Keith Santo
 Kueebone, Christopher Stephen, M.M.
 Robin, Rowland Cuthbert
 Schneider, Walter Herman
 Somerville, Hugh Norman, B.E.
 Tilemann, Carl Norboj
 Tuck, Harry Playford, B.Sc.

Degree of Bachelor of Music :

Riedel, Melita Wanda

The undermentioned Graduates of other Universities were at the same Commemoration admitted *ad eundem gradum* :—

Bickersteth, Kenneth Julian Faithful, M.A. (Oxford)
 Dawkins, Sydney Letts, M.B., B.S. (Edinburgh)
 Dawson, Joseph Bernard, M.D. (London)
 Duguid, Charles, M.B., B.S. (Glasgow)
 Fenner, Charles Albert Edward, D.Sc. (Melbourne)
 Gratton, Norman Murray Gladstone, B.A. (Melbourne)
 Hill, Thomas Benjamin, M.A. (Clark)
 Holtham, Richard, B.A. (Queensland)
 Jones, Frederic Wood, D.Sc. (London)
 Kiek, Edward Sidney, M.A. (Oxford)
 Kiek, Winifred, B.A. (Manchester)
 Phillipson, Coleman, LL.D. (Manchester)
 Price, Archibald Grenfell, M.A. (Oxford)
 Rischbieth, Harold, M.D. (Cambridge)
 Robjohns, Leonard, B.A. (Sydney)
 Roupell, Arthur Norton, B.A. (Cambridge)
 Swift, Brian Herbert, M.B., B.S. (Cambridge)
 Winton, Louis Joseph, B.E. (Sydney)

The Diploma in Commerce was granted to :—

Battye, Ross
 Cottrell, John Ledlam
 Higgins, Harry Coote
 Kinnish, Florence Maud
 Painter, Edward Websdale
 Vawser, Leeson William
 Whitridge, Gladstone Keith

The Diploma of Associate in Music was granted on December 6th to :—

Keen, Lillian Guard
 Paddon, Una Margery

Yates, Edgar William David

XIV. ACCOUNTS.

An abstract, duly audited, of the income and expenditure during the year 1919 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 1919.

Signed on behalf of the Council,

G. J. R. MURRAY,

Chancellor.

Adelaide,

24th January 1921.

BIBLIOGRAPHY FOR 1920

OF PUBLICATIONS BY

MEMBERS OF THE UNIVERSITY STAFF.

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Epidemiology of acute encephalo-myelitis ('X Disease') in Australia; [with A. W. Campbell]. *Proc. Roy. Soc. Med.*, XIII, March, 1920, Sect. of Epid. and State Med., p. 185.

Papulo-urticarial rashes caused by the hairlets of caterpillars of the moth, *Euproctis edwardsi*, Neum. *Med. Jour. of Aus.*, Feb., 1920. 7th yr., i, pp. 169-70.

Rodent ulcers and allied growths: an analysis of sixty Australian cases; [with N. Paul]. *Med. Jour. of Aus.*, May 1, 1920. 7th yr., i, pp. 407-12.

Botany of the Pilliga scrub; [with J. H. Maiden, I.S.O., F.R.S., and C. Burrow]. *Forestry Commission of N.S.W. Bull.* No. 14.

KERR GRANT, M.Sc., *Elder Professor of Physics*, 1911—

Mass-absorption coefficient of water, aluminium, copper, and molybdenum for X-rays of short wave-length; [with Dr. F. K. Richtmyer]. *Phys. rev.*, XV., pp. 547-9. 1920.

X-rays; a brief sketch of their history, nature, and technical applications. *Science and industry*, 2, pp. 526-38. 1920.

H. H. HEATON, M.A., M.Com., *Lecturer in Economics*, 1917—

Welfare work, Australia. *Commonwealth Advisory Council of Science and Industry. Bull.* 15. Pp. 110. 1919.

- Land settlement and legislation, in *Australia: economic and political studies*; ed. by M. Atkinson, pp. 338-79. *Macmillan, Melbourne.* 1920.
- Yorkshire woollen and worsted industries, from the earliest times up to the Industrial Revolution (Oxford Historical and Literary studies, vol. X). *Oxford Univ. Pr.* x + 459 pp. 1920.
- G. C. HENDERSON, M.A., *Professor of Modern History and English Language and Literature*, 1902—
- Democracy, theoretical and practical: commemoration address, University of Adelaide. *G. Hassell & Son, Adelaide.* Pp. 23. 1920.
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- Past glacial action in Australia. (*Official Year Book of the Commonwealth of Australia, No. 13*, pp. 1133-46. *Gov't. Pr., Melbourne.* 1920.
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On Australian coleoptera, pt. 2. *Records S. Aus. Mus.*, I,
pp. 273-90, pl. xxxii. 1920.

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*Some features of the Antarctic ice-cap. *Abstract Proc. Geol. Soc. Lond.*, pp. 83-4, July 11th, 1918; pp. 2-8, Nov. 15th, 1918.

*Second report of the Water-Power Committee of the Conjoint Board of Scientific Societies, Burlington House, London; pub. March, 1919. [Joint contributor with Professor T. W. E. David on the Australasian Section].

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SIR J. C. VERCO, Kt., M.D., F.R.C.S., *Lecturer on the Principles and
Practice of Medicine and Therapeutics*, 1887-1915. *Hon. Lecturer*,
1916—

School of Medicine of the University of Adelaide. *Med. Jour.
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J. R. WILTON, M.A., D.Sc., *Elder Professor of Pure and Applied
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Financial Statements.

1920.

THE UNIVERSITY

*Account of Income and Expenditure for the year which ended on the 31st
and 88 Victoria*

<i>Income.</i>	£	s.	d.	£	s.	d.
<i>H. M. Government of South Australia—</i>						
Annual Subsidy on Endowments	8,133	10	0			
Annual Statutory Grant	4,000	0	0			
Annual Grant, Six months to 31/12/20	10,000	0	0			
Subsidy to Botanical Department	600	0	0			
Subsidy to Forestry Department (to 30th June, 1921)	889	0	0			
Subsidy to Pathological Department	929	3	4			
Grant for Sewers Rates	125	0	0			
				24,576	13	4
<i>Fees—</i>						
Schools of Arts and Science, Evening Classes and Public Examinations	5,852	16	3			
School of Law	1,117	11	9			
School of Medicine	3,499	14	0			
School of Music:						
Mus. Bac. Course and Public Examinations in Music	529	0	9			
Elder Conservatorium	6,179	1	3			
Concerts	397	1	0			
				7,105	3	0
Diploma in Commerce				561	15	0
				18,137	0	0
<i>Interest</i>					6,269	12 3
<i>Rent</i>					86	10 0

OF ADELAIDE.

December, 1920, furnished in compliance with the 18th Section of Act 37
No. 20 of 1874.

<i>Expenditure.</i>	£	s.	d.	£	s.	d.
<i>Schools of Arts and Science—</i>						
Salaries	11,644	9	2			
<i>Other Expenses—</i>						
Additional Examiners, Supervisors, Examination Papers, Printing, etc., for Degree and Public Examinations	1,599	8	11			
Lecture Fees to School of Mines	351	7	10			
Fees to School of Design	22	6	8			
Physical Laboratory	75	4	7			
Chemical Laboratory	306	0	11			
Engineering Department	80	6	4			
Geological Laboratory	37	9	9			
Botanical Laboratory	61	8	0			
				14,178	2	2
<i>School of Laws—</i>						
Salaries	1,200	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc.	78	7	4			
				1,278	7	4
<i>School of Medicine—</i>						
Salaries	5,499	1	2			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc.	124	8	8			
Anatomical Department	150	8	6			
Physiological Laboratory	320	19	3			
Pathological Laboratory	29	0	4			
				6,123	17	11
<i>School of Music—</i>						
Mus. Bac. Course—						
Salaries	600	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc.	10	18	1			
				610	18	1
<i>Elder Conservatorium—</i>						
Salaries	6,382	18	1			
<i>Other Expenses</i>						
Concert Account	381	17	11			
Examiners	70	11	7			
Advertising, Printing, Gas, Telephone, Music, and Sundries	262	6	3			
Tuning Organ and Pianos	62	3	0			
				7,159	16	10
Forward	£7,770	14	11			
				£21,580	7	5

	£	s.	d.
Brought forward	49,069	15	7
<i>Calendar—</i>			
Received on sale of Calendars	60	6	7
Testing Fees : Engineering Departments	45	1	6
Bicycle Shed, Rent	10	8	6
Students' Lockers	11	5	
Mining and Metallurgical Bursary	30	0	0
S. A. School of Mines, On a/c Salaries	181	10	0
Forestry Prize : Donation by His Excellency the Governor-General, the Rt. Hon. Sir Ronald Munro Ferguson	10	0	0

Forward £49,418 7 8

	£	s.	d.
Brought forward	£40,418	7	8

Forward	<hr/>	£40,418	7	8
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	£	s.	d.	£	s.	d.
Brought forward				£30,187	1	5
<i>Scholarships and Prizes (continued)—</i>						
Brought Forward	262	19	2			
<i>John L. Young Scholarship for Research—</i>						
Paid Scholar	17	10	0			
<i>John Lorenzo Young Scholarship for Research—</i>						
Paid Scholar	20	0	0			
<i>Hartley Studentship—</i>						
Paid Student	25	0	0			
<i>Brookman Scholarship—</i>						
Paid Scholar	15	0	0			
<i>St. Alban Scholarship—</i>						
Paid Scholar's Fees	15	0	0			
<i>Robert Whinham Prize—</i>						
Paid Prizeman	5	0	0			
<i>Alexander Clark Memorial Prize—</i>						
Paid Scholar	12	10	0			
<i>John Bagot Scholarship—</i>						
Scholar's Fees	7	1	9			
<i>John Creswell Scholarship—</i>						
Paid Scholars' Fees	93	3	6			
<i>Eric Smith Scholarship—</i>						
Paid Scholar's Fees	13	4	7			
<i>Eugene Alderman Scholarship—</i>						
Paid Scholars	32	7	6			
<i>Lister Prize—</i>						
Printing	0	2	0			
<i>Dr. C. Gosse Medal—</i>						
Medals	3	8	2			
<i>Research Scholarship in Botany—</i>						
Paid Scholars	60	0	0			
<i>Mining and Metallurgical Bursary—</i>						
Paid Bursary	30	0	0			
				612	11	8
<i>Registrar's Department and House Salaries</i>				3,128	7	9
<i>Senate</i>				80	3	8
<i>Stationery</i>				238	12	0
<i>Buildings—Repairs and Additions</i>				165	12	3
<i>Land Tax</i>				132	10	1
<i>Miscellaneous Expenses—</i>						
Advertising, Printing, Gas, Water, House Sun-						
dries, Auditors' Fees, etc.	931	13	9			
Petty Cash	218	15	2			
Insurance Premiums	132	7	4			
Sewers Rates	125	0	0			
				1,407	16	3
<i>Trustees of the Sports Ground—</i>						
General Expenses, Annual Grant				857	3	4
Forward				£36,810	3	5

FINANCIAL STATEMENTS.

	£	s.	d.
Brought Forward	49,418	7	8

£49,418 7 8

ALLOCATION ACCOUNT.

To Balance brought forward from Statement of Income and Expenditure	11,452	1	4
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£11,452 1 4

F. W. EARDLEY,
Accountant.

	Brought Forward	£	s.	d.
<i>Calendar—</i>		£36,810	3	5
Printing		346	13	8
<i>Suspense Account—</i>				
Proportion of 1921 Forestry Grant		275	0	0
<i>Printing Account—</i>				
Library Exchanges		25	0	0
<i>S.A. Orchestra—</i>				
Interest on Moneys held temporarily		101	6	8
<i>Balances carried to Scholarships and other Accounts (net)</i>		408	2	7
<i>Balance carried to Allocation Account</i>		11,452	1	4
		<u>£49,418</u>	<u>7</u>	<u>8</u>

ALLOCATION ACCOUNT.

Expended during the year on the following

Capital Accounts—

Library	£697	4	6
Apparatus and Laboratory			
Furnishing	707	1	1
Furniture	720	11	0
Electric Installation	64	18	1
Museum	51	16	1
Physiological Dept. — Equip- ment	1,401	19	6
		<u>3,643</u>	<u>10 3</u>

Net surplus transferred to Capital for Building Fund 7,808 11 1
£11,452 1 4

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, 1920, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1920.

ARTHUR YOUNG HARVEY, }
 ROBERT M. STEELE, A.C.U.A., } Auditors

Adelaide, 20th January. 1921.

THE UNIVERSITY

Statement Showing the Actual Financial Position

DR.	£	s.	d.	£	s.	d.
ENDOWMENTS—						
Sir W. W. Hughes (Arts and Science) ...	20,000	0	0			
Sir T. Elder (Arts and Science) ...	20,000	0	0			
Sir T. Elder (Medical School) ...	30,000	0	0			
Sir T. Elder (Music School) ...	20,000	0	0			
Barr Smith Library Fund ...	20,105	19	11			
Hon. J. H. Angas (Chair of Chemistry) ...	6,000	0	0			
Animal Products Research Fund ...	7,000	0	0			
Hon. J. H. Angas (Engineering Scholarship)	4,000	0	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			
Evening Classes ...	1,220	0	0			
Dr. Charles Gosse Lectureship ...	1,125	0	1			
Right Hon. Sir S. J. Way Bequest ...	1,050	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 ...	800	0	0			
S. A. Commercial Travellers' Association :						
Eric Smith Scholarship ...	650	0	0			
Archibald Mackie Bursary ...	100	0	0			
				750	0	0
Eugene Alderman Memorial Fund ...	740	0	0			
Hartley Studentship ...	600	0	0			
Private Contributions ...	600	3	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			
Dr. E. W. Way Lectureship on Gynaecology	473	1	3			
Dr. Davies-Thomas Scholarship ...	400	0	0			
Alexander Clark Memorial Prize ...	255	0	0			
Bundey Prize ...	200	0	0			
John Lorenzo Young Scholarship ...	200	0	0			
Roby-Fletcher Scholarship ...	160	0	0			
St. Alban Scholarship ...	150	0	0			
R. Barr Smith Prize for Greek ...	150	0	0			
Andrew Scott Memorial ...	115	0	0			
Tennyson Medals ...	100	0	0			
Lister Prize ...	100	0	0			
Robert Whinham Prize ...	84	9	6			
Tate Memorial Medal ...	60	0	0			
Hughes Statue Maintenance Fund ...	50	0	0			
Rev. Jas Jefferis Memorial ...	50	0	0			
				146,577	16	9
Forward	£146,577	16	9			

OF ADELAIDE.

in respect to Capital as on 31st December, 1920.

	£	s.	d.	£	s.	d.
INVESTMENTS OF ENDOWMENTS—						
In Mortgage	3,250	0	0			
in English, Scottish, & Australian Bank, Limited	9,345	0	0			
In State Bank of S.A. Mortgage Bonds (at cost)	10,400	0	0			
In Consolidated Stock of H.M. Govern- ment of S.A. (at cost)	86,763	14	1			
In Inscribed Stock of H.M. Government of S.A. (at cost)	8,605	0	0			
In W.A. Local Inscribed Stock	2,000	0	0			
In Commonwealth of Australia War Loan...	17,108	2	9			
In Books, Barr Smith Library	9,105	19	11			
						146,577 16

	£	s.	d.	£	s.	d.
	Brought Forward			£146,577	16	9
<i>General Purposes—</i>						
Sir T. Elder (Endowment)				25,000	0	0
Sundry Credit Balances :						
Lowrie Scholarships	570	0	0			
Commercial Education	500	0	0			
Arts and Science (Forestry Department)	275	0	0			
Workers' Educational Association	129	1	5			
Angas Engineering Scholarships	310	0	0			
Barr Smith Grant for Apparatus	167	9	4			
David Murray Scholarships	316	13	4			
John Creswell Scholarships	112	7	5			
Public Examinations in Music	190	3	11			
Extension Lectures	32	2	9			
J. L. Young Scholarship	52	10	0			
John Lorenzo Young Scholarship	20	0	0			
Fence	20	6	5			
John Bagot Scholarship	106	5	4			
Eugene Alderman Scholarship	18	3	4			
Adelaide Hospital Staff Fees	13	13	0			
Alex. Clark Memorial Prize	2	11	3			
Adelaide School of Art	4	3	9			
Archibald Mackie Bursary	15	0	0			
A. M. Simpson Library Account	27	6	1			
Hughes Statue Maintenance Fund	8	15	0			
Caretakers' Fees	2	6	6			
Forestry Prize	10	0	0			
Agent-General for S.A.	89	11	8			
Inscribed Stock (Balance)	11	16	9			
Printing Account	17	15	9			
S.A. Orchestra Fund	3,204	17	6			
Building Fund (Balance)	1,390	4	6			
				7,618	5	0
Contributed from Income				24,498	2	4
Reserve Fund for Pianos				1,000	0	0
				58,116	7	4
LAND ENDOWMENT—						
ORIGINAL GRANT BY						
H. M. GOVERNMENT—						
Country Lands (£50,000), repurchased by the Government for				40,000	0	0
University site				5,000	0	0
				45,000	0	0
CONTRIBUTIONS FROM INCOME				422	6	3
SPECIAL DONATIONS FOR FENCE—						
R. Barr Smith, Esq.				400	0	0
Hon. Sir John Duncan }				250	0	0
W. H. Duncan, Esq. }						
				46,072	6	3
				£250,766	10	4
				Forward		

s. d.

Brought forward £146,577 16 9

INVESTMENT OF FUNDS FOR GENERAL PURPOSES—

Elder Conservatorium Building	18,800	15	8
Prince of Wales Building	11,153	9	3
Elder Anatomical Building	5,814	2	8
S.A. Consolidated Stock (at cost) <i>see above</i>	2,201	5	11
Commonwealth of Australia War Loan (cost)	991	5	0
	<u>38,960</u>	<u>18</u>	<u>6</u>

SUNDRY ACCOUNTS—

Treasury Current Account—

S.A. Orchestra Funds	3,204	17	6
University and Other Accounts	15,845	9	5
	<u>19,050</u>	<u>6</u>	<u>11</u>
British Medical Library	6	15	0
Sir George Brookman Prize	15	0	0
Cash and other Balances :			
In Bank of Adelaide (Current Account)	£1,079	16	4
Less Cheques outstanding and provision for Examiners' Fees	1,021	9	5
	<u>58</u>	<u>6</u>	<u>11</u>
In hands of the Accountant	25	0	0
	<u>83</u>	<u>6</u>	<u>11</u>
			<u>58,116 7 4</u>

LAND ACCOUNT—

University Site—

Original Grant	5,000	0	0
Improvements thereon (exclusive of buildings) ...	1,051	19	10
Balance of Special Donation unexpended	20	6	5
	<u>6,072</u>	<u>6</u>	<u>3</u>
S.A. Inscribed Stock (purchase money for country lands)	40,000	0	0
	<u>46,072</u>	<u>6</u>	<u>3</u>

Forward

125,766 10 4

	£	s.	d.	£	s.	d.
Brought Forward				250,766	10	4
BUILDINGS (UNIVERSITY)—						
Contributed by H. M. Government ...	18,014	0	0			
Special Grant by H. M. Govern- ment (1911)	12,000	0	0			
Less expended in Fittings and Equipment (see below) ...	1,345	8	4			
				10,654	11	8
Contributed by Private Donations ...				1,890	5	0
Contributed from Income				19,214	9	8
						49,773 6 4
CONTRIBUTED OUT OF INCOME towards the Equipment, etc., of the University ..	26,992	8	7			
Special Donation by R. Barr Smith, Esq., for Apparatus		510	0 0			
Special Donation by R. Barr Smith, Esq., for Research Work... ..		500	0 0			
Portion of Government Grant of £12,000 ex- pended in Fittings, Fixtures, and Equip- ment (see above)		1,345	8 4			
						29,347 16 11
BUILDING FUND—						
Endowments:						
Received on account of gift of £15,000 by the family of the late John Darling		2,500	0 0			
Donation by Hon. Sir George Murray ...		1,000	0 0			
						3,500 0 0
						<u>£333,387 13 7</u>

F. W. EARDLEY, Accountant.

	£	s.	d.	£	s.	d.
	Brought forward			250,766	10	4
BUILDINGS—						
Expended on University Buildings	39,109	19	8			
Additions to Main Building for Library, etc.	7,632	10	11			
Additions to Physiological De- partment for Botanical La- boratory	3,030	15	9			
	-----			10,663	6	8
				-----	-----	-----
				49,773	6	4
EQUIPMENT—						
Library Books and Binding	10,328	14	4			
Laboratory equipment and Apparatus	6,466	0	6			
Museum Exhibits, etc.	454	14	8			
Furniture	6,841	5	11			
Organ—Conservatorium	1,541	10	11			
Installation of Electric Light	1,303	11	1			
Special Donation: Expended on Apparatus	510	0	0			
Special Donation: Research Work—						
Expended on Apparatus ..	332	10	8			
Balance unexpended	167	9	4			
	-----			500	0	0
Suspense Account: Equipment Physio- logical Department	1,401	19	6			
				-----	-----	-----
				29,347	16	11
BUILDING FUND—						
Expended on Medical Building	2,109	15	6			
Balance unexpended 31st Dec., 1920	1,390	4	6			
				-----	-----	-----
				3,500	0	0
				-----	-----	-----
				£333,387	13	7
				-----	-----	-----

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, 1920, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and not payable on the said 31st day of December, 1920. We further report that the securities representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been produced to us.

ARTHUR YOUNG HARVEY,
ROBERT M. STEELE, A.C.U.A., } Auditors.

Adelaide, 20th January, 1921.

STATEMENT OF ACCOUNTS OTHER THAN

DR.	£ s. d.	£ s. d.
TRUSTEES OF SPORTS FUND—		
Donations to General Acct. (to date)	5,122 14 1	
“ Pavilion Acct., “	1,300 0 0	
“ Boat Shed Acct., “	750 0 0	
	—————	7,172 14 1
 BARR SMITH RESEARCH FUND—		
Unexpended Balance, 1st January, 1920	... ..	167 9 4
 BRITISH MEDICAL ASSOCIATION (S.A. Branch)—		
Donations to Library to 31st Dec. 1920	... .. 550 0 0	
Advanced by University ...	... .. 6 15 0	
	—————	556 15 0
 TUTORIAL CLASSES: <i>Workers' Educational Association of S.A.—</i>		
Balance unexpended, 1st Jan., 1920	352 2 11	
Grant by H.M. Government of S.A.—		
Received during 1920	... 1,300 0 0	
Refunds for Books ...	... 12 9 6	
	—————	1,664 12 5
 A. M. SIMPSON LIBRARY IN ABRONAUTICS—		
Balance Unexpended, 1st Jan., 1920	'... .. 15 13 10	
Interest to 31st December, 1920	25 0 0	
	—————	40 13 10
		£9,602 4 8

CAPITAL AND INCOME FOR THE YEAR 1920.

CR.	£ s. d.	£ s. d.
TRUSTEES OF SPORTS FUND—		
Expended on General Account	5,159 6 4	
“ Pavilion Account	1,252 14 9	
“ Boat Shed ...	750 0 0	
“ Lighting ...	10 13 0	
	7,172 14 1	
 BARR SMITH RESEARCH FUND—		
Bal. (unexpended), 31st Dec., 1920		167 9 4
 BRITISH MEDICAL ASSOCIATION—		
Expended on Books		556 15 0
 TUTORIAL CLASSES: <i>Workers’</i> <i>Educational Association of S.A.—</i>		
Salaries and Travelling Ex- penses: Director and Tutors	1,456 10 0	
Expended on Books	55 10 8	
Office Expenses, Stationery, etc.	23 10 4	
Bal. (unexpended) 31st Dec., '20	129 1 5	
	1,664 12 5	
 A. M. SIMPSON LIBRARY IN AERONAUTICS—		
Expended in Books	13 7 9	
Bal. (unexpended), 31st Dec., '20	27 6 1	
	40 13 10	

£9,602 4 8

PASS LISTS.

MARCH EXAMINATIONS, 1920.

FOR THE DEGREE OF BACHELOR OF LAWS.

(In order of merit.)

LAW OF PROPERTY, PART I (110).

THIRD CLASS :

Wald, Irvine Dale

LAW OF PROPERTY, PART II. (111).

THIRD CLASS :

Pattinson, Baden Powell

LAW OF WRONGS (113).

THIRD CLASS :

Somerville, Archibald Shierlaw Ralph

LAW OF EVIDENCE AND PROCEDURE (114).

FIRST CLASS :

Clarke, Laurence Eric.

THIRD CLASS :

Cheek, Reginald Heithersay }
Holland, George Harold }

Martin, Hugh Wallis
Fisher, Guy

CONSTITUTIONAL LAW (115).

SECOND CLASS :

Michell, George Wilfred

Michell, John Elsome

THIRD CLASS :

Pattinson, Baden Powell

Kitson, Augustine Bede

THEORY OF LAW AND LEGISLATION (117).

THIRD CLASS :

Harris, Ernest Wilfred

LATIN (2). FIRST YEAR.

DIVISION III :

Somerville, Archibald Shierlaw Ralph

COMPULSORY INORGANIC CHEMISTRY (45).

Smythe, Elford Renner

Weston, Allan Campbell

CHEMISTRY, PART III, PRACTICAL (49) :

First Division: Rowe, Ernest Thomas

PHYSIOGRAPHY (55a) :

Evans, Colin Greig

BOTANY, FIRST YEAR (62) :

Leach, William Valentine

SPECIAL EXAMINATION FOR INTENDING MEDICAL STUDENTS.

PHYSICS.

Kohler, Theodore Carl
Stephens, Kenneth OwenVon der Borch, Rudolph
Hermann
Zadow, Herbert Otto

INORGANIC CHEMISTRY.

Barnett, Samuel Powell
Gregerson, Gerald JenkinJeffery, George Hamilton
Smith, Gordon Wearing

ELEMENTARY BIOLOGY.

Barnett, Samuel Powell
Fotheringham, Robert
Gregerson, Gerald JenkinHamp, Frances Marian
Hone, Garton Maxwell

NOVEMBER EXAMINATIONS, 1920.

FACULTY OF ARTS.

FOR THE HONOURS DEGREE OF BACHELOR OF ARTS

CLASSICS (3).

THIRD CLASS :

Naylor, Margaret Mary
Jessie Darnley

Wait, Marthe Lucy

HISTORY (15).

FIRST CLASS :

Oldham, Wilfrid, B.A.

FOR THE ORDINARY DEGREE OF BACHELOR OF ARTS.

(In alphabetical order.)

GREEK (1). FIRST YEAR.

DIVISION I :

Hassell, Kathleen Lilian

DIVISION II :

Brawn, May

Cock, Alexa Beatrice

DIVISION III :

Crampton, Mary Hope St.

Wright, Norman Harvey

Clair

Eckersley, Percy Cyril

Wheaton

Awarded the Barr Smith Prize: Hassell, Kathleen Lilian

GREEK (1). SECOND YEAR.

DIVISION I :

Adams, Reginald Keith
Sorby

Hassell, Kathleen Lilian

DIVISION II :

Cock, Alexa Beatrice

Grosvenor, Edna Mary

DIVISION III :

Cameron, Robert Ewen

Wright, Norman Harvey

Eckersley, Percy Cyril

Wheaton

Passed without classification: Cleggett, Edith

LATIN (2). FIRST YEAR.

DIVISION I :

Brawn, May
Daltry, Kate

Hassell, Kathleen Lilian

DIVISION II :

Barbour, Graemme Mado-
wal, B.A.

Mortimer, Cecil Leonard
Ogden, Olive Isabel

Caldicott, Emma Victoria

Ryan, Edward Thomas

Hollidge, Alfreda Faith

Sandercock, Alfred Mervyn

Holmes, Edna Lucy

Shaw, Kate Hambly

Lade, Norman Edgar

Stribling, Ada Florence

Lang, Phillip Roy

Tucker, Howard Erskine

Leidig, Ludwig Adolph
Emanuel

Ure, Gwendoline Helen

DIVISION III :

Barbary, William John
 Bleby, Thelma Evelyn
 Cleggett, Doris
 Crump, Cecil Charles
 Hewitt, Cecil Austin

Morris, Mervyn Charles
 Naylor, John Colenso
 Robjohns, Annie Joan
 Topperwien, Irwin Bismarck
 Tregenza, Sydney Lloyd

Awarded the Andrew Scott Prize: Daltry, Kate

LATIN (2). SECOND YEAR.

DIVISION II :

Adams, Reginald Keith
 Sorby
 Bills, James
 Grosvenor, Edna Mary

Lang, Phillip Roy
 Parker, Mina Evelyn
 West, Doris Marjorie

DIVISION III :

Flint, Adela Lysander
 Leidig, Ludwig Adolph
 Emanuel
 Parsons, Edward Clarence

Symonds, Harry Francis
 Clifford
 Tuck, Bernard Edward
 Charles

ENGLISH LANGUAGE AND LITERATURE (8).

DIVISION I :

Beaumont, Paul Charles
 Crampton, Mary Hope
 St. Clair

Hassell, Kathleen Lilian
 Mander, Linden Alfred, B.A.
 Ure, Gwendolen Helen

DIVISION II :

Adams, Reginald Keith
 Sorby
 Bleby, Thelma Evelyn
 Brawn, May
 Clark, Allan David Everett
 Edwards, Norman Hole-
 house
 Grosvenor, Edna Mary
 Hill, Daniel James
 Holmes, Edna Lucy

Johncock, Ernest Harry
 Leidig, Ludwig Adolph
 Emanuel
 Penny, Hubert Harry
 Richards, Archibald Charles
 Robjohns, Annie Joan
 Stribley, Edwin John
 Wauchope, Diosma Marie
 Wauchope, Mavis Loreli

DIVISION III :

Anderson, Isabella
 Bourke, George Herbert
 Butler, Harold Dixie
 Cleggett, Doris
 Harris, Doris Sophia
 Hastwell, Phyllis
 Hilbig, Paul Berthhold
 Hutson, Walter William
 Love, Robert Stewart
 Maschmedt, Zillah Daisy
 Morris, Mervyn Charles
 Muirden, Hector Raymond
 Naylor John Colenso

Pattinson, Baden Powell
 Priest, Ernest Conrad Wil-
 liam
 Sandercock, Alfred Mervyn
 Sinclair, Keith Robert
 Henry
 Tilbrook, Jabez Percy
 Harold
 Trenerry, William Frank
 Vanstone, Edith Elizabeth
 Waters, Elizabeth
 Westgarth, Walter Tebble
 Wood, May

Awarded the John Howard Clark Prize: Crampton, Mary Hope St. Clair

FRENCH (9). FIRST YEAR.

DIVISION I :

Potts, Gilbert Macdonald, M.A.

DIVISION II :

Beaumont, Paul Charles
 Harley, Marjory
 Kelly, Ellen
 Liebig, Dora

Powell, Kathleen Naomi
 Rendell, Alan
 Simpson, Hugh, Denney
 Simpson, Vera Marie

DIVISION III :

Brook, Hazel Dorothy
 Caldicott, Emma Victoria
 Daltry, Kate
 Davies, William Laurence,
 B.A.

Kelly, Lucy Mary
 Sudholz, Gertrude Alice
 Tassie, Jean Reid, B.A.
 White, Isabel Christian

FRENCH (9). SECOND YEAR.

DIVISION I :

Hynes, Lenore Annie

DIVISION II :

Gaetjens, Gertrude Vera
 Green, Lorna Mary Alexan-
 dra

Kelly, Eric Gordon
 Stribley, Edwin John

DIVISION III :

Coulthard, Phyllis Maud

GERMAN (10). FIRST YEAR.

DIVISION I :

Bourke, George Herbert
 Kriehn, Adolph Oscar

Leach, William Valentine
 Opie, Thomas Schulz

DIVISION III :

Roesler, Edwin Louis

GERMAN (10). SECOND YEAR.

DIVISION I :

Leidig, Ludwig Adolph Emanuel

Passed without classification: Timcke, Edward Waldemar

HISTORY OF THE UNITED KINGDOM (12).

DIVISION I :

Edgerley, Margaret
 Kelly, Eric Gordon

Stribley, Edwin John
 Ward, Harry Lancelot

DIVISION II :

Billing, Horace Lionel
 Coombe, Alec Holloway
 Daltry, Kate
 Eckersley, Percy Cyril
 Wheaton
 Moran, Monica Mary
 Pentelow, Samuel Thomas
 Otho

Symonds, Harry Francis
 Clifford
 Symonds, Wybert Milton
 Caust
 Tregenza, Sydney Lloyd
 Tucker, Howard Erskine

DIVISION III :

Anthony, Muriel May
 Bawden, Albert Victor
 Blacket, Arthur Howard
 Brook, Hazel Dorothy
 Burns, William Middleton
 Clifton, Ivor Clarence
 Kentish, Rachel Clay
 McEwen, Catherine Clair

Rayner, George Percival
 Schneider, Ferdinand James
 William
 Smith, Roy Frisby
 Traeger, Gustav Albert
 Whiting, Clyde Taylor
 Wright, Norman Harvey

Awarded the Tinline Scholarship: Kelly, Eric Gordon

MODERN EUROPEAN HISTORY (13).

DIVISION III :

Hoskins, Howard Berthold

PSYCHOLOGY (21).

DIVISION I :

Brown, Henry

West, Doris Marjorie

DIVISION II :

Kriehn, Adolph Oscar
 Mawby, Olga Gates

Mortimer, Cecil Leonard

DIVISION III :

Christie, Patrick Joseph
 Cock, Alexa Beatrice
 Crump, Cecil Charles
 French, Hannah Rita
 Greenwood, Herbert
 Hollidge, Alfreda Faith
 James, Wesley Hughes,
 B.Sc.
 Lade, Norman Edgar
 Laffan, Anna Estelle

Law, Gertrude Teresa, B.A.
 Lenihan, Katherine Agatha
 McCabe, James
 Miethke, Adelaide Laetitia
 Mills, May
 Othams, Herbert Reginald
 Pellew, Lancelot Vivian
 Southcott, Jean Wauchope
 Tapp, Adrian Lynda
 Tuck, Carrie Muriel

LOGIC (22).

DIVISION I :

Brown, Henry
 Gartrell, Francis John

Mortimer, Cecil Leonard
 Opie, Thomas Schulz

DIVISION II :

Gartrell, Minnie Henrietta
Foxwell
Holden, Ethel
Hollidge, Alfreda Faith

James, Wesley Hughes, B.Sc.
Mutton, Henry Edwin
Howard, B.A.
Priest, Amy Grace

DIVISION III :

Caust, Leslie George William
Christie, Patrick Joseph
Crump, Cecil Charles
Hitchcox, Alfred Clarke
Hookings, Kathleen Victoria
Innis, Kenneth Norman
McKechnie, Elizabeth Law-
son

Othams, Herbert Reginald
Pellew, Lancelot Vivian
Sharp, Walter Roy Germein
Sowter, Eleanor
Turner, Neta
White, Daphne Jean

Awarded the Roby Fletcher Prize in Psychology and Logic:
Brown, Henry

ETHICS (23).

DIVISION II :

Brown, Henry
McDonald, Gilbert Sherman

Nicolle, Thomas Helier Sarre
Opie, Thomas Schulz

DIVISION III :

Greenwood, Herbert
Rayner, George Percival

Rodgers, Francis Ada

PHILOSOPHY (24).

DIVISION II :

Kelly, Eric Gordon

DIVISION III :

Rayner, George Percival

EDUCATION (26).

DIVISION I :

Beaumont, Paul Charles
Blacket, Arthur Howard
Caldicott, Emma Victoria
Carmichael, Donald Ross
Chilman, Eliza Stewart
Clark, Allan David Everett
Cleggett, Doris
Clifton, Ivor Clarence
Cock, Alexa Beatrice
Correll, Elsie Vera
Crookall, Dorothy Mary
Edwards, Allan Kingswood
Morgan
Edwards, Edith Salford
Farrow, Murray Aubrey

Flak, Alma
Flower, Clifford Horace
Kenneth Dunn
Foster, Lottie Helen
Furner, Annie Blanche
Gibson, Gladys Ruth
Griggs, Clarence Middleton
Hill, Daniel James
Holder, Winnifred Break-
spear
Hutson, Walter William
Jacobi, Frieda Louise
Jennings, Frank Harold
Johncock, Leonard Percy
Johnstone, Doris Irene

Kelly, Eric Gordon
 Kentish, Rachel Clay
 Love, Robert Stewart
 Luke, Gwendoline Winifred
 McDonald, Gilbert Sherman
 McLean, Albert Eric
 Mitchell, Ivy Pearl
 Nash, Elizabeth Cecelia
 Norman, Albert Edward
 Orr, Florence Mary
 Pearce, Clyde Henry
 Penny, Hubert Harry
 Pocock, Robert Bakon
 Polson, George Taylor
 Pope, Audrey Florence
 Ursula

Robjohns, Annie Joan
 Scriven, Dorothy Amy
 Smith, John Fife
 Smith, Marjorie Florence
 Sperber, Carola
 Stacy, Margaret Hannah
 Vanstone, Edith Elizabeth
 Walsh, Dorothy Counley
 Watson, Ivy Linda
 West, Doris Marjorie
 Westgarth, Walter Tebble
 Wilmshurst, Hazel Ruth
 Wyly, Jeane Winifred Merydyth

DIVISION II :

Bawden, Albert Victor
 Blizard, John Temple
 Burton, Pearle
 Clapson, Herbert Thomas
 Cooksley, Millicent Amelia
 Davis, Joy Maud
 Duell, Marjory Viesma May
 Durdin, Adam Robertson
 Evans, Eric Laurence
 Gray, Jessie Fyffe
 Gunn, William John
 Haskard, George Henson
 Barrett
 Hilbig, Paul Berthold
 Keynes, Elinor Mary
 Kingston, Frederick Arthur
 Laidlaw, Lucy Mary
 Lenihan, Emily Mary
 McEwen, Catherine Clair
 Moran, Monica Mary

Morriss, Allan William
 Nancarrow, Sydney Herbert
 George
 Pearson, Leslie Norman
 Priest, Ernest Conrad William
 Rollond, Aimée May
 Rosewall, Isabel Jean
 Rowbotham, Edith Mary
 Rush, Eleanor Jean
 Spurling, Nora Kathleen
 Steele, Mary Strathearn
 Stephens, Hilda Alice
 Symonds, Wybert Milton
 Caust
 Virgo, Dorothy Violet
 Wedding, Alfred Oscar
 White, Isabel Christian
 Wilson, Zillah Margaret

DIVISION III :

Alcock, Lucy Ella
 Aldersey, Anda Egerton
 Antonio, Thomas Ross
 Basham, Stanley Eric
 Billing, Horace Lionel
 Bottrill, Clara Alice
 Bowler, Mary
 Bressler, Victoria Alma
 Coleman, Vera Ruby
 Cope, Olive Annette
 Davis, John Godfrey
 Dobson, Kathleen Aurora
 Ellis, Reta May
 Ford, Mabel Harriet

Francis, Archibald Roy
 Garrett, Eva May
 Graham, Florence Mary
 Harris, Mabel
 Henrie, Mignon
 Heyward, Marie Louise
 Howard, Hilda Rosalind
 Hughes, Kathleen Alice
 Jenkin, Dorothy Minna
 Kadow, Constance Evelyn
 Kelly, Rose
 Kenny, Eileen Joyce
 Langsford, Doris May
 Langsford, Vera

Lanyon, Henry Stanislaus
 Laragy, James Michael
 Lawrie, Elva Lenore
 Long, Madaliene Hilda
 Long, Sara Frances Pender-
 gast
 Lord, James Sarre
 Ludewig, Erwin Victor
 Ernst
 McAskill, Katrine Mary
 McBurney, Mary Campbell
 McCauley, Beatrice Kath-
 leen
 McElroy, Anthony Godfrey
 Macdonald, Adeline Mar-
 garet
 March, Jessie Katherine
 Marks, Leonard Alfred
 Matthews, Rhoda Emma
 Mead, Kathleen Isabel
 Milne, Annie Johnson
 Milton, Hilda Mary

Nelson, Edna Kathleen
 O'Brien, Eileen Margaret
 Pearce, Ada Harriette Jean
 Phelps, Winifred Annie
 Potter, Keith Leighton
 Quilley, May Mary
 Rees, David Albert
 Roesler, Edwin Louis
 Scrivener, Harold George
 Shaughnessy, Frank Edward
 Simon, Rolf
 Simons, Hazel Lillian
 Skews, Blanche Annie
 Smily, Elsie Hilda
 Teagle, Fanny
 Torr, Florence Laura
 Trenerry, William Frank
 Wade, Walter Ernest
 Walsh, Edna Margaret
 Walters, Clarence Archibald
 Wood, May
 Wright, Florence Eva

CONSTITUTIONAL LAW (115),

DIVISION II :

Williams, James Henry, B.A.

ECONOMICS (PART I.) (20).

DIVISION I :

Sharman, Ethel Olive, B.A.

DIVISION II :

Brawn, May
 Harris, Doris Sophia
 Pavy, Gordon Augustus
 Smith, Daisy Maud

Thomson, James Simpson,
 B.Sc.
 Threadgill, Bessie

DIVISION III :

Caut, Leslie George Wil-
 liam
 Hardy, Madeline

Hart, Arthur Phillip Claren-
 don
 Lushey, Harold Merton
 Rush, Effie May

ECONOMICS, (PART II.) (20).

DIVISION I :

Billing, Geoffrey Chandos

Opie, Thomas Schulz

DIVISION II :

Harris, Doris Sophia
 Leach, William Valentine
 Mutton, Henry Edwin
 Howard, B.A.

Smith, Daisy Maud
 Ward, Harry Lancelot

DIVISION III :

Adams, Frederick Penoyre
 Bennett, Charles Gordon
 Gault, Maisie Isabel Ogilvie
 Pobjoy, Alice Blake, B.A.

Sharp, Walter Roy Germein
 Stewart, Frederick John
 Harold, B.A.

FACULTY OF SCIENCE.

FOR THE HONOURS DEGREE OF BACHELOR OF
SCIENCE.

CHEMISTRY (54).

FIRST CLASS :

Winzor, Frank Lovelock

BOTANY (64).

SECOND CLASS :

Reed, Eileen Ruth Lathlean, B.Sc.

FACULTIES OF SCIENCE AND APPLIED SCIENCE.

FOR THE ORDINARY DEGREES OF
B.Sc. AND B.A., AND B.E.

PURE MATHEMATICS (30). FIRST YEAR.

DIVISION I : (In order of merit.)

Dawbarn, Mary Campbell
 Sweeney, Gordon
 Evans, Eric Laurence }
 Love, Robert Stewart }
 Griggs, Clarence Middleton
 Gaetjens, Gertrude Vera }
 Simon, Rolf }

Edwards, Allan Kingswood
 Morgan
 Piper, Clarence Sherwood }
 Butler, George Ralph }
 Durdin, Adam Robertson }
 Goldick, Max Roland }
 Southcote, Jean Wauchope }
 Johncock, Leonard Percy }

DIVISION II : (In order of merit.)

Orr, Florence Mary
 Sandercock, Alfred Mervyn }
 Ryan, Edward Thomas }
 Symonds, Harry Francis }
 Clifton
 Hughes, Kathleen Alice
 Draper, Fred
 Moore, Donald Rex
 Playford, Maxwell Ernest
 Read, Alexander Charles }
 McLean, Albert Eric }
 Marks, Leonard Alfred }
 Davis, John Godfrey }
 Johnston, Lance Galbraith }

Hilbig, Paul Berthold
 Symonds, Wybert Milton
 Caust
 Sinclair, Walter Gordon
 Clyde
 Rees, David Albert
 Weston, Allan Campbell
 Morriss, Allan William
 McElroy, Anthony, Godfrey
 Welch, Horace Henry Eric
 Hooper, Peter Dovell
 Lanyon, Henry Stanislaus
 Milne, Kenneth Harvey

DIVISION III : (In alphabetical order).

Aldersey, Richard Baker
 Anderson, Alan Bruce
 Baker, John Reginald
 Leader
 Barnes, John Roland
 Blizard, John Temple
 Boyes, Harold Foster
 Carter, Frank Killingbeck
 Clifton, Ivor Clarence
 Francis, Elliott Harold
 Gallasch, William Eric
 Garrett, Eva May
 Howard, Hilda Rosalind
 Jenkin, Dorothy Minna
 Laidlaw, Lucy Mary
 Lewis, Reginald William
 Frederick
 Lipert, Lewis

Logan, Ernest Albert William
 McAskill, Katrine Mary
 McCloughry, Claude Lance-
 lot
 Newman, Bernard William
 Oliphant, Marcus Laurence
 Elwin
 Pearson, Leslie Norman
 Pitt, Marjorie Una
 Rollond, Aimee May
 Sieber, Clarence Bertram
 Symonds, Edwin Joseph
 Truman
 Tidemann, Frederick Wil-
 liam
 Tregoweth, Frederick Joseph
 Arthur
 Wilson, Sydney Arthur

PURE MATHEMATICS (31). SECOND YEAR.

DIVISION I : (In order of merit).

Koerner, John Francis
 Farrent, Thomas Albert }
 Westgarth, Walter Tebble }

Statton, Arthur Knight
 Flower, Clifford Horace
 Kenneth Dunn

DIVISION II : (In order of merit).

Carmichael, Donald Ross }
 Pomroy, Richard Osborne }
 Shepley, Arthur Raymond }
 Chapman, James Douglas }
 Haskard, George Henson }
 Barrett }
 Schneider, Walter Herman }

Caldicott, Emma Victoria }
 Kleeman, Reginald Theo- }
 dore }
 Clark, Allan David Everett }
 Stockbridge, Edgar Lambert }
 Leslie, Jean }
 Smythe, Elford Renner }

DIVISION III : (In alphabetical order).

Barker, Alwyn Bowman
 Barnard, Howard Lucas
 Bert, Ernest Julius
 Brown, Henry
 Buring, Franz Maurice
 Cooper, Wilfred Frank
 Cunningham, Laurence
 Balerno
 Driden, Julian Randel
 Evans, Wilfred Robert
 Haskard, Gordon Lindsay

Jenner, Ralph Lindsay
 McKechnie, Alan Francis
 Clark
 Nelson, William Barton
 O'Sullivan, Jeremiah Joseph
 Somerville, Archibald Shier-
 law Ralph
 van Senden, Raymond Red-
 vers
 Winwood, William Weston

PURE MATHEMATICS (32). THIRD YEAR.

DIVISION I :

Statton, Josiah William

APPLIED MATHEMATICS (33).

DIVISION I : (In order of merit).

Farrent, Thomas Albert
 Burgess, Norman Cecil
 Koerner, John Francis
 Johncock, Ernest Harry

Shepley, Arthur Raymond }
 Stockbridge, Edgar Lam- }
 bert }

DIVISION II : (In order of merit).

Canney, Richard Francis }
 Smith, Kenneth William }
 Algernon }
 Pomroy, Richard Osborne }
 Statton, Arthur Knight }
 Carthew, Lancelot }
 Chapman, James Douglas }
 Leslie, Jean }

Preston, Tom
 Bert, Ernest Julius }
 Treloar, Harry Mayne }
 Barker, Alwyn Bowman }
 Kleemann, Reginald Theo- }
 dore }

DIVISION III : (In alphabetical order).

Barnard, Howard Lucas
 Cooper, Wilfred Frank
 Cunningham, Laurence
 Balerno
 Haskard, George Henson
 Barrett

Main, John Walter
 Padman, Marsden Water-
 house
 Pearson, Richard Crawford
 van Senden, Raymond Red-
 vers

PHYSICS, FIRST YEAR (37), COMPULSORY PHYSICS, B.Sc. COURSE.

DIVISION I : (In order of merit).

Pierce, Alan Wilfred
 Flower, Clifford Horace
 Kenneth Dunn
 Emery, Arthur Whitman }
 Johncock, Leonard Percy }
 Mitchell, Mark Ledingham }
 Sweeney, Gordon }

Hamp, Frances Marian }
 Statton, Arthur Knight }

DIVISION II : (In order of merit).

Butler, George Ralph }
 Johncock, Ernest Harry }
 Koerner, John Francis }
 Stribley, Edwin John }
 Piper, Clarence Sherwood }
 Thomas, Marjorie Phyllis }
 Casley }
 Tregenza, Sydney Lloyd }

Milne, Kenneth Harvey
 Aldersey, Richard Baker
 Barnett, Samuel Powell
 McLean, Donald Robert
 Sinclair, Walter Gordon
 Clyde

DIVISION III : (In alphabetical order).

Anderson, Adrian Akhurst
 Anderson, Alan Bruce
 Boyes, Harold Foster
 Carlin, Cyril Brooke

Carmichael, Donald Ross
 Carthew, Lancelot
 Chapman, James Douglas
 Clarke, Rupert Charles

Coombe, Alec Holloway
 Currie, Nicholas Charles
 Ernest
 Cunningham, Laurence
 Balerno
 Davis, John Godfrey
 Draper, Fred
 Dunn, Talbot Lewis
 Forgan, Humphrey Crayle
 Ford, Raymond William
 Francis, Elliott Harrold
 Gill, Charles Dunderdale
 Griggs, Clarence Middleton
 Haskard, George Henson
 Barrett
 Harrison, Frank Hugh
 Hickman, Sydney George
 Humphris, Francis Henry
 Johnston, Lance Galbraith
 Kuchel, Carl Wilhelm
 August, M.A.
 Lanyon, Henry Stanislaus
 Lewis, Reginald William
 Frederick
 Locksley, David Allison
 Luke, Thomas Glen
 McCloughry, Claude Lance-
 lot
 McKechnie, Alan Francis
 Clarke
 McKechnie, Elizabeth Law-
 son

McLean, Albert Eric
 Moore, Donald Rex
 Morris, Edward Walter
 Talwin
 Morris, William Rosslyn
 Charles
 Nairn, William Archibald
 Jack
 Nelson, William Barton
 Nicholls, Jonathan Kingsley
 Pearson, Richard Crawford
 Peters, Geoffery Ernest
 Playford, Maxwell Ernest
 Pomroy, Richard Osborne
 Read, Alexander Charles
 Schunke, Leonard Ernest
 Sieber, Clarence Bertram
 Smith, Gordon Wearing
 Symonds, Edwin Joseph
 Truman
 Symonds, Harry Francis
 Clifford
 Tassie, Gemmel
 Thomas, Richard Grenfell
 Tideman, Frederick William
 Tindale, Norman Barnett
 Treloar, Raymond
 van Senden, Raymond Red-
 vers
 Welch, Horace Henry Eric
 Willing, Charles Eric

PHYSICS (38). SECOND YEAR.

DIVISION I : (In order of merit).

Treloar, Harry Mayne
 Burgess, Norman Cecil

DIVISION II : (In order of merit).

Schneider, Wilfred }
 Jackman, Frank Downer }

Hill, John }
 Farrent, Thomas Albert }
 Gross, Klem Bassett

Stockbridge, Edgar Lam- }
 bert }
 Shepley, Arthur Raymond }
 Roach, John Carlyle }
 Kleemann, Reginald Theo- }
 dore }
 Bert, Ernest Julius

DIVISION III : (In alphabetical order).

Barker, Alwyn Bowman
 Preston, Tom

Smythe, Elford Renner
 Vawser, John Alfred

PHYSICS, THIRD YEAR (39), B.S.C. COURSE.

DIVISION II : (In order of merit).

Paull, Alec Gordon

Boundy, Rex

PHYSICS, THIRD YEAR (40). B.E. COURSE.

DIVISION II :

Boundy, Rex

DIVISION III :

Cresswell, Edwin Fletcher

COMPULSORY CHEMISTRY, B.S.C. COURSE.

INORGANIC CHEMISTRY, PART I. (45).

DIVISION I : (In order of merit).

Bert, Ernest Julius	Playford, Maxwell Ernest
Peirce, Alan Wilfred	Statton, Arthur Knight
Piper, Clarence Sherwood	Carthew, Lancelot
Moore, Donald Rex	Sweeney, Gordon
Johncock, Ernest Harry	Dawbarn, Mary Campbell
Carlin, Cyril Brooke	Dick, Gordon Stuart
Carmichael, Donald Ross	Anderson, Alan Bruce

DIVISION II : (In order of merit).

Thomas, Richard Grenfell	Treloar, Raymond
Johnston, Lance Galbraith	Butler, George Ralph
Chick, Winifred Edith Kathleen	Morey, Geoffrey Wilson
Aldersey, Richard Baker	Currie, Nicholas Charles Ernest
Peters, Geoffrey Ernest	Milne, Kenneth Harvey

DIVISION III : (In alphabetical order).

Baker, Lenna Ellen Elford	Morris, Edward Walter Talwin
Barrett, Harold Irvine	Morris, William Rosslyn Charles
Draper, Fred	Nairn, William Archibald Jack
Finey, Thomas Dixie	Smith, John Howard
Forgan, Humphrey Crayle	Tassie, Gemmel
Humphris, Francis Henry	van Senden, Raymond Redvers
Jones, Randell Rowland	Willing, Charles Eric
Kelly, George Desmond	
Leach, William Valentine	
McCloughry, Claude Lancelot	
McKechnie, Alan Francis Clark	

THEORETICAL CHEMISTRY PART II. (46).

DIVISION I : (In order of merit).

West, Eric Stodden	Mitchell, Mark Ledingham
Ashhurst, Thomas	

DIVISION II :

Sinclair, Walter Gordon Clyde

DIVISION III :

Carter, Frank Killingbeck

THEORETICAL CHEMISTRY PART III. (47).

DIVISION I : (In order of merit).

Wood, Joseph Garnett
Samuel, Geoffrey

Palmer, Dudley Kieth

DIVISION II :

Summers, Frank Henry

DIVISION III : (In alphabetical order).

Berriman, Ralph Vaughan
Cole, Reginald William

Topperwien, Irwin Bismarck

PRACTICAL CHEMISTRY, PART II. (48).

DIVISION I : (In order of merit).

Oliphant, Marcus Laurence
Elwin

Iiffe, Phyllis Louise }
Mitchell, Mark Ledingham }

DIVISION II :

Carter, Frank Killingbeck

DIVISION III : (In alphabetical order).

Ashhurst, Thomas
Pitt, Marjorie Una

Sinclair, Walter Gordon
Clyde

PRACTICAL CHEMISTRY PART III. (49).

DIVISION I : (In order of merit).

Shaw, George Dorricut
Carter, Frank Killingbeck }
Samuel, Geoffrey }
Wood, Joseph Garnett }

Summers, Frank Henry
Palmer, Dudley Keith }
Shapter, Rupert Eric }
Berriman, Ralph Vaughan }

PRACTICAL CHEMISTRY FOR AGRICULTURAL COURSE (50).

DIVISION I :

West, Eric Stodden

PHYSICAL CHEMISTRY (JUNE).

DIVISION I :

Mackay, Samuel Angus

ELEMENTARY ORGANIC CHEMISTRY (51 and 53). B.Sc., B.A.,
AND NON-GRADUATING.

DIVISION I : (In order of merit).

West, Eric Stodden

Ashhurst, Thomas

DIVISION II :

Iiffe, Phyllis Louise }
Mackay, Samuel Angus }

Bollen, Lorna Willoughby

DIVISION III : (In alphabetical order).

Brockway, George Ernest
Emerson
Chick, Winifred Edith Kathleen
Cox, Robert Malcolm Tweedale

Penrose, Alva Ivo
Retallick, Cecil Mark
Underwood, Douglas Jerrold

COMPULSORY PHYSIOGRAPHY (55a).

DIVISION I : (In order of merit).

Brockway, George Ernest }
Emerson }
Dawbarn, Mary Campbell }
Statton, Arthur Knight }
Moore, Donald Rex }

Flower, Clifford Horace Kenneth
Goldick, Max Roland }
Mitchell, Mark Ledingham }

DIVISION II : (In order of merit).

Mackay, Samuel Angus
Johncock, Leonard Percy
Magarey, Kathleen de Brett }
Moore, Arthur Pariss }
Reading }
Piper, Clarence Sherwood }
Green, Lorna Mary Alexandra }
Jackman, Frank Downer }
Poole, Gilbert Graham }

Morris, Allan William
Sinclair, Walton Gordon
Clyde
Pearson, Leslie Norman
Norman, Albert Edward }
Tiver, Stanley James }
Luke, Thomas Glen }
Preston, Tom }
Lang, Eric
Thomas, Richard Grenfell

DIVISION III : (In alphabetical order).

Alderman, Arthur Richard
Aldersey, Richard Baker
Anderson, Alan Bruce
Antonio, Thomas Ross
Blizard, John Temple
Currie, Nicholas Charles Ernest
Durdin, Adam Robertson
Edwards, Allan Kingswood
Morgan
Jennings, Frank Harold
Lewis, Reginald William Frederick
Oliphant, Marcus Lawrence
Padman, Marsden Waterhouse

Pearson, Richard Crawford
Plunkett, Norman Ambrose
Rodley, Harold Royce Ernest
Schneider, Walter Herman
Scrivener, Harold
Shaughnessy, Frank Edward
Smythe, Elford Renner
Tilbrook, Jabez Percy
Harold
Walters, Clarence Archibald
Wauchope, Andrew Gilbert

GEOLOGY PART I. (55 b, c, and d).

DIVISION II : (In order of merit).

West, Eric Stodden

Colman, William Russell
Goodwin

MINEROLOGY AND PETROLOGY (55e and f).

DIVISION I: (In order of merit).

West, Eric Stodden

Gross, Klem Bassett

DIVISION II:

Colman, William Russell Goodwin

STRUCTURAL GEOLOGY (55b). FOR CIVIL ENGINEERING AND FORESTRY.

DIVISION I: (In order of merit).

Anderson, William Moffat

Smith, James Wearing

DIVISION II: (In order of merit).

Gillman, Sherlock Hill Marshall

Appleby, Arthur George
Mackay, Samuel Angus

DIVISION III: (In alphabetical order).

Kinnaird, Alexander Ross
Melbourne, Henry Eoin
Sydney

Morton, Christopher Gordon

SPECIAL EXAMINATION (December).

DIVISION I:

Koerner, Carl Frederick

GEOLOGY. CIVIL ENGINEERING COURSE (57).

DIVISION I:

Anderson, William Moffat

DIVISION II: (In order of merit).

Appleby, Arthur George }
Koerner, Carl Frederick }
Smith, James Wearing }Kinnaird, Alexander Ross }
Morton, Christopher Gordon }
Gillman, Sherlock Hill Marshall }

DIVISION III:

Melbourne, Henry Eoin Sydney

ELEMENTARY (Compulsory) BOTANY (62). FIRST YEAR.

DIVISION I: .

Wood, Joseph Garnett

DIVISION II: (In order of merit).

Brockway, George Ernest
EmersonSecombe, Lillian Clara May
Fairey, Florence Joyce

DIVISION III: (In alphabetical order).

Moore, Donald Rex

Piper, Clarence Sherwood

Awarded the BAGOT MEDAL AND SCHOLARSHIP.

Wood, Joseph Garnett

BOTANY (63). SECOND YEAR.

DIVISION I :

Samuel, Geoffrey

BOTANY (63). THIRD YEAR.

DIVISION I :

Murray, Beatrice Jean

DIVISION III :

Nobes, Edith Dorothy

AGRICULTURAL BOTANY (65a).

DIVISION II :

West, Eric Stodden

FOREST BOTANY (65b).

DIVISION III : (In alphabetical order).

Davey, Roy Herbert

Mackay, Samuel Angus

ELEMENTARY (Compulsory) BIOLOGY (66).

DIVISION I : (In order of merit).

Mead, Dorothy

Mitchell, Mark Ledingham

Dawbarn, Mary Campbell }
Leach, William Valentine }

DIVISION II : (In order of merit).

Thomas, Richard Grenfell

Carlín, Cyril Brooke

Smith, Gordon Wearing

Finney, Thomas Dixie

Hornabrook, Reginald

Denys

Kearnan, Joseph Reginald

Marston, Hedley Ralph }
Willing, Charles Eric }

DIVISION III : (In alphabetical order).

Aldersey, Richard Baker

Anderson, Alan Bruce

Hancock, Henry Raymond

Russell

Machell, John Edward Lewis

Morey, Geoffrey Wilson

Morris, Edward Walter Tal-

win

Morris, William Rosslyn

Charles

Nairn, William Archibald }
Jack }

Pick, Hector

Robison, John William

Shanahan, Patrick William

Sweetapple, Algar Gerald

Tassie, Gemmel

ELEMENTARY (Compulsory) BIOLOGY (66). PART II. ONLY.
(ANIMALS).

DIVISION I :

Davey, Roy Herbert

PHYSIOLOGY (67). FINAL EXAMINATION FOR B.A. DEGREE.

DIVISION I :

Magarey, Kathleen de Brett

PHYSIOLOGY (68). FIRST YEAR B.S.C.

DIVISION I :

Marston, Hedley Ralph

FOREST GEOLOGY (71b).

DIVISION II :

Mackay, Samuel Angus

FOREST ENTOMOLOGY (71c).

DIVISION II : (In order of merit).

Mackay, Samuel Angus

Davey, Roy Herbert

FORESTRY (71e). SECTION B.

DIVISION II :

Brockway, George Ernest Emerson

DIVISION III : (In alphabetical order).

Davey, Roy Herbert

Mackay, Samuel Angus

APPLIED MECHANICS II. (73).

DIVISION II :

Boundy, Rex

DIVISION III : (In alphabetical order).

Cox, Rudolph William
Arthur
Cresswell, Edwin Fletcher
Dridan, Julian RandalKleemann, Reginald Theo-
dore
Mudie, George Dempster

STRENGTH OF MATERIALS (74).

DIVISION I : (In order of merit).

Cooper, Thomas Edwards
Poole, Gilbert Graham

Tilemann, Carl Norboy

DIVISION II : (In order of merit).

Melbourne, Henry Eoin
Sydney
Gibb, Claude Dixon
Bert, Ernest Julius
Cox, Rudolph William }
Arthur }
Wauchope, Andrew Gilbert
Appleby, Arthur George
Eimer, George Herman }
Preston, Tom }
Wigg, Ronald Melrose }Boundy, Rex
Schneider, Wilfred }
Colman, William Russell }
Goodwin }
Jackman, Frank Downer }
Smith, James Wearing }
Cresswell, Edwin Fletcher }
Koerner, Carl Frederick }
Robertson, Sydney Clifford }

DIVISION III : (In alphabetical order).

Cunningham, Laurence
Balerno

Padman, Marsden Water-
house

ASSAYING I. (75).

DIVISION I :

Gross, Klem Bassett

BUILDING CONSTRUCTION (80).

DIVISION I :

Poole, Gilbert Graham

DIVISION II : (In order of merit).

Smythe, Elford Renner
Lang, Eric

Preston, Tom

DIVISION III : (In alphabetical order).

Jackman, Frank Downer
Padman, Marsden Water-
house

Plunkett, Norman Ambrose
Tilemann, Carl Norboy
Winwood, William Weston

DRAWING I. (81).

INTERMEDIATE FREEHAND :

Butler, George Ralph
Colman, William Russell
Goodwin
Farrent, Thomas Albert
Francis, Elliott Harrold
Gallasch, William Eric
Harris, Alfred John Phaint
McKechnie, Alan Francis
Clark
Milne, Kenneth Harvey
Playford, Maxwell Ernest
Pomroy, Richard Osborne
Read, Alexander Charles

Saddler, James Archibald
Shepley, Arthur Raymond
Sieber, Clarence Bertram
Sweeney, Gordon
Symonds, Edwin Joseph
Truman
Tidemann, Frederick Wil-
liam
Tonkin, Edwin Charles
van Senden, Raymond Red-
vers
Welch, Horace Henry Eric

INTERMEDIATE PROSPECTIVE :

Butler, George Ralph
Cocks, Nowell Roche de
Bohun
Colman, William Russell
Goodwin
Farrent, Thomas Albert
Francis, Elliott Harrold
Gallasch, William Eric
Harris, Alfred John Phaint
McKechnie, Alan Francis
Clark
Milne, Kenneth Harvey
Playford, Maxwell Ernest

Pomroy, Richard Osborne
Read, Alexander Charles
Shepley, Arthur Raymond
Sieber, Clarence Bertram
Sweeney, Gordon
Symonds, Edwin Joseph
Truman
Tidemann, Frederick Wil-
liam
van Senden, Raymond Red-
vers
Welch, Horace Henry Eric

SECOND GRADE PLAIN GEOMETRY :

Butler, George Ralph
 Cocks, Nowell Roche de
 Bohun
 Colman, William Russell
 Goodwin
 Farrent, Thomas Albert
 Francis, Elliott Harrold
 Gallasch, William Eric
 Johnston, Lance Galbraith
 Koerner, John Francis
 McKechnie, Alan Francis
 Clark
 Milne, Kenneth Harvey
 Playford, Maxwell Ernest

Pomroy, Richard Osborne
 Read, Alexander Charles
 Shepley, Arthur Raymond
 Sieber, Clarence Bertram
 Sweeney, Gordon
 Symonds, Edwin Joseph
 Truman
 Tidemann, Frederick Wil-
 liam
 Tonkin, Edwin Charles
 van Senden, Raymond Red-
 vers
 Welch, Horace Henry Eric

SECOND GRADE SOLID GEOMETRY :

Butler, George Ralph
 Colman, William Russell
 Goodwin
 Farrent, Thomas Albert
 Francis, Elliott Harrold
 Johnston, Lance Galbraith
 Koerner, John Francis
 Milne, Kenneth Harvey

Pomroy, Richard Osborne
 Shepley, Arthur Raymond
 Sieber, Clarence Bertram
 Sweeney, Gordon
 Symonds, Edwin Joseph
 Truman
 van Senden, Raymond Red-
 vers

DRAWING II. (82).

DIVISION I : (In order of merit).

Burgess, Norman Cecil
 Gibb, Claude Dixon

Smythe, Elford Renner
 Cooper, Wilfred Frank

DIVISION II : (In order of merit).

Kleemann, Reginald Theo-
 dore
 Stockbridge, Edgar Lambert

Bond, Leonard Gordon }
 Main, John Walter }
 Preston, Tom

DIVISION III : (In alphabetical order).

Boundy, Rex
 Buring, Franz Maurice
 Francis, Elliott Harrold
 Koerner, Carl Frederick
 Lang, Eric
 McCloughry, Claude Lance-
 lot

Plunkett, Norman Ambrose
 Sieber, Clarence Bertram
 Symonds, Edwin Joseph
 Truman
 Tuck, Harry Playford, B.Sc.
 Wigan, Leonard William
 Cleveland

ELECTRICAL ENGINEERING I. (85a).

DIVISION I : (In order of merit).

Duncan, Keith Sinclair
 Koerner, Carl Frederick

Reichstein, Lance Eric
 Harold

DIVISION II : (In order of merit).

Tilemann, Carl Norboy
 Poole, Gilbert Graham
 Wigg, Ronald Melrose
 Evans, Wilfred Robert

Appleby, Arthur George
 Melbourne, Henry Eoin
 Sydney
 Mudie, George Dempster

DIVISION III : (In alphabetical order).

Boundy, Rex
 Colman, William Russell
 Goodwin

Morton, Christopher Gordon

ELECTRICAL ENGINEERING II. (85).

DIVISION II : (In order of merit).

Wigan, Leonard James
 Cleveland
 Thrum, Edward Allen

Fuller, George Rayner
 Tuck, Harry Playford, B.Sc.

FITTING AND TURNING I. (86).

DIVISION I :

Johnston, Lance Galbraith

DIVISION II : (In order of merit).

Pomroy, Richard Osborne
 Farrent, Thomas Albert
 McKechnie, Alan Francis
 Clark
 Butler, George Ralph

Read, Alexander Charles }
 Shepley, Arthur Raymond }
 Sweeney, Gordon
 van Senden, Raymond Red-
 vers
 Playford, Maxwell Ernest

DIVISION III : (In alphabetical order).

Baker, John Reginald
 Leader
 Cocks, Nowell Roche de
 Bohun
 Koerner, John Francis

Milne, Kenneth Harvey
 Sieber, Clarence Bertram
 Tidemann, Frederick Wil-
 liam
 Welch, Horace Henry Eric

FITTING AND TURNING II. (87).

DIVISION I : (In order of merit).

Kleemann, Reginald Theo-
 dore

Hooper, Peter Dovell }
 Bond, Leonard Gordon }

DIVISION II : (In order of merit).

Burgess, Norman Cecil
 Symonds, Edwin Joseph }
 Truman
 Weston, Allan Campbell }

Cooper, Wilfred Frank }
 McCloughry, Claude Lance. }
 lot
 Main, John Walter
 Barker, Alwyn Bowman }
 Buring, Franz Maurice }

DIVISION III : (In alphabetical order).

McCarthy, Herbert Edward
 Alfred

Stockbridge, Edgar Lambert

FITTING AND TURNING III. (88).

DIVISION I :

Duncan, Keith Sinclair

DIVISION II : (In order of merit).

Reichstein, Lance Eric
Harold

Mudie, George Dempster

DIVISION III : (In alphabetical order).

Dridan, Julian Randal

Robertson, Sydney Clifford

DESIGN OF STRUCTURES (89).

DIVISION I : (In order of merit).

Gillman, Sherlock Hill Mar-
shallMelbourne, Henry Eoin
Sydney

DIVISION II : (In order of merit).

Robin, Rowland Cuthbert
Anderson, William Moffatt

James, Wesley Hughes, B.Sc.

MACHINE DESIGN I. (90).

DIVISION I : (In order of merit).

Burgess, Norman Cecil

Koerner, Carl Frederick

DIVISION II : (In order of merit).

Appleby, Arthur George

Wauchope, Andrew Gilbert

DIVISION III : (In alphabetical order).

Barker, Alwyn Bowman
Boundy, Rex
Colman, William Russell
Goodwin
Cox, Rudolph William
Arthur
Cresswell, Edwin Fletcher
Dridan, Julian Randal
Eimer, George HermanKleemann, Reginald Theo-
dore
Melbourne, Henry Eoin
Sydney
Robin, Rowland Cuthbert
Smith, James Wearing
Stockbridge, Edgar Lambert
Wigan, Leonard James
Cleveland

MACHINE DESIGN II. (91).

DIVISION I : (In order of merit).

Schneider, Walter Herman }
Wigan, Leonard James }
Cleveland }
Fuller, George Rayner }
Thrum, Edward Allen }Cooper, Thomas Edwards }
Dawkins, Albert Norman }
Ford, Raymond William }

DIVISION II : (In order of merit).

Tuck, Harry Playford,	}
B.Sc.	
Wigg, Ronald Melrose	

DIVISION III :

Messent, Keith Santo

MECHANICAL ENGINEERING I. (93).

DIVISION II : (In order of merit).

Shepley, Arthur Raymond	}
Farrent, Thomas Albert	
Nelson, William Barton	

Sweeney, Gordon	}
Pomroy, Richard Osborne	

DIVISION III : (In alphabetical order).

Butler, George Ralph	}
Francis, Elliott Harrold	
Hooper, Peter Dovell	
Koerner, John Francis	
McCloughry, Claude Lance-	
lot	
McKechnie, Alan Francis	
Clark	

Milne, Kenneth Harvey	}
Playford, Maxwell Ernest	
Read, Alexander Charles	
Sieber, Clarence Bertram	
Symonds, Edwin Joseph	
Truman	

MECHANICAL ENGINEERING II. (94).

DIVISION I : (In order of merit).

Burgess, Norman Cecil	}
Duncan, Keith Sinclair	
Wauchope, Andrew Gilbert	

Reichstein, Lance	}
Eric Harold	

DIVISION II : (In order of merit).

Melbourne, Henry Eoin	}
Sydney	
Appleby, Arthur George	
Robertson, Sydney Clifford	

Dridan, Julian Randal	}
Smith, James Wearing	
Barker, Alwyn Bowman	

DIVISION III : (In alphabetical order).

Bond, Leonard Gordon	}
Evans, Wilfred Robert	

Main, John Walter

MECHANICAL ENGINEERING III. (95).

DIVISION I : (In order of merit).

Duncan, Keith Sinclair	}
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Reichstein, Lance	}
Eric Harold	
Tuck, Harry Playford,	
B.Sc.	

DIVISION I : (In order of merit).

Boundy, Rex	}
Wigg, Ronald Melrose	

Robertson, Sydney Clifford	}
Cresswell, Edwin Fletcher	

DIVISION III : (In alphabetical order).

Barker, Alwyn Bowman
 Dridan, Julian Randal

Ford, Raymond William

MECHANICAL ENGINEERING IV. (96).

DIVISION I : (In order of merit).

Roach, John Carlyle
 Cooper, Thomas Edwards

Dawkins, Albert Norman

DIVISION II :

Mudie, George Dempster

DIVISION III :

Cox, Rudolph William Arthur

MINING (ia) (101).

DIVISION III :

Colman, William Russell Goodwin

MINING I.b (103). (Ore Dressing).

DIVISION II :

Colman, William Russell Goodwin

CIVIL ENGINEERING I. (104).

DIVISION I :

Poole, Gilbert Graham

DIVISION II : (In order of merit).

Reichstein, Lance Eric
 Harold
 Tilemann, Carl Norboy
 Koerner, Carl Frederick
 Schneider, Walter Herman
 Dawkins, Albert Norman

Duncan, Keith Sinclair
 Cooper, Thomas Edwards }
 Robertson, Sydney Cliff }
 ford
 Smith, James Wearing
 Appleby, Arthur George

DIVISION III : (In alphabetical order).

Mudie, George Dempster
 Padman, Marsden Water-
 house

Roach, John Carlyle
 Wauchope, Andrew Gilbert

Passed unclassified: Anderson, William Moffatt

RAILWAY ENGINEERING (104a).

DIVISION II :

Messent, Keith Santo

DIVISION II : (In order of merit).

Boundy, Rex

Tuck, Harry Playford, B.Sc.

CIVIL ENGINEERING II. (105).

DIVISION I : (In order of merit).

Anderson, William Moffatt	}	Gillman, Sherlock Hill Mar-	}
Poole, Gilbert Graham		shall	
Robin, Rowland Cuthbert		James, Wesley Hughes, B.Sc.	

DIVISION II :

Melbourne, Henry Eoin Sydney

HYDRAULICS (105a).

DIVISION I :

Duncan, Keith Sinclair

DIVISION II : (In order of merit).

Colman, William Russell	Reichstein, Lance Eric
Goodwin	Harold

DIVISION III : (In alphabetical order).

Eimer, George Herman	Robertson, Sydney Clifford
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SURVEYING I. (106).

DIVISION II : (In order of merit).

Boundy, Rex	Appleby, Arthur George	}
Chapman, James Douglas	Smith, James Wearing	

DIVISION III : (In alphabetical order).

Colman, William Russell	Koerner, Carl Frederick
Goodwin	

SURVEYING (Short Course) (106a).

DIVISION I : (In order of merit).

Burgess, Norman Cecil	}	Reichstein, Lance Eric	}
Cooper, Thomas Edwards		Harold	

DIVISION I : (In order of merit).

Main, John Walter	}	Barker, Alwyn Bowman	}
Cooper, Wilfred Frank		Kleemann, Reginald Theo-	
Dawkins, Albert Norman		dore	
		Wigg, Ronald Melrose	

DIVISION III : (In alphabetical order).

Buring, Franz Maurice	Robertson, Sydney Clifford
Cocks, Nowell Roche de	Stockbridge, Edgar Lambert
Bohun	

SURVEYING II. (107).

DIVISION I : (In order of merit).

Anderson, William Moffatt	James, Wesley Hughes
Gillman, Sherlock Hill Mar-	Robin, Rowland Cuthbert
shall	

DIVISION II :

Wauchope, Andrew Gilbert

DIVISION III :

Morton, Christopher Gordon

WOODWORKING (108).

DIVISION II :

Pomroy, Richard Osborne

METALLURGY I Theoretical (97)

DIVISION I :

Gross, Klem Bassett

FACULTY OF LAW.

FOR THE DEGREE OF BACHELOR OF LAWS.

(In order of merit.)

LAW OF PROPERTY. PART I. (110).

SECOND CLASS :

Bean, Edgar Layton
 Astley, John Felix
 Ashton, Joseph Everette
 Chamberlain, Reginald Roderick St. Clair

Hargrave, Lancelot Morton
 Spiller
 Williamson, James Aubrey
 Wilson, Keith Cameron

THIRD CLASS :

Hogan, Leo Matthew }
 Bradford }
 Roberts, Arthur Bruce }
 Cole, Thomas Haslam }
 Power, John Leslie }
 Hodby, Frederic Stephen }
 Pellew, Lancelot Vivian }
 Leslie, John }

Gillman, Joseph Fisher }
 Madigan, Paul Edward }
 Coombe, Reginald Joseph }
 Heuzenroeder, Reginald }
 Leo }
 Hayward, Cedric Charlie }
 Reeves, Charles Wheatley }
 Gibson, Reginald Mends }

LAW OF PROPERTY, PART II. (111).

FIRST CLASS :

Ward, Kevin Leonard
 Hogan, Esmond John Campbell

Kelly, William Raymond

SECOND CLASS :

Morgan, Edward James
 Ranembe
 Melville, Sidney John
 Travers, John Leo

Olsson, Athol Julius
 Newman, Ralph Frederic
 Wright, Sydney Charles
 Grenville

THIRD CLASS :

Davoren, John Joseph
 Smith, Paul Teesdale
 Sparrow, Cyril Keith }
 Sandery, Charles Arthur }
 Somerville, Dorothy Chris-
 tine
 Wallace, Norman Verschuer

Martin, Hugh Wallis
 von Bertouch, Leopold
 Cheek, Reginald Heither }
 say
 Ingleby, Aileen Constance }
 Hannan, Clare
 Harris, Ernest Wilfred

LAW OF CONTRACTS (112).

FIRST CLASS :

Ure, Gwendolen Helen
 Bean, Edgar Layton

Holmes, Edna Lucy

SECOND CLASS :

Innes, Kenneth Norman }
 Hewitt, Cecil Austin }
 Hodby, Herbert Charles
 Mortimer, Cecil Leonard
 Power, John Leslie
 Bleby, Thelma Evelyn
 McCabe, James

Cutlack, Peter Robert
 Leslie, John
 Ohlstrom, Patrick Andreas
 Treloar, James Leonard
 Sydney
 Adams, Frederick Penoyre
 Millhouse, Vivian Rhodes

THIRD CLASS :

Korff, Adrian Joseph
 Crump, Cecil Charles
 Heuzenroeder, Reginald Leo
 Pavy, Gordon Augustus
 Coombe, Reginald Joseph
 Morris, Mervyn Charles

McCarthy, James Crimeen
 Ellery
 Hayward, Cedric Charlie
 Nesbit, Lancelot Julian
 Butler, Harold Dixie

LAW OF WRONGS (113).

FIRST CLASS :

Astley, John Felix

Piper, Francis Ernest

SECOND CLASS :

Cartledge, Jack Pickering

Hodby, Frederic Stephen }
 Davoren, John Joseph }

THIRD CLASS :

Hodby, Herbert Charles
 Kitson, Augustine Bede }
 Nelligan, Joseph William }
 Chamberlain, Reginald }
 Roderic St. Clair }
 Hannan, Clare }

Cole, Thomas Haslam
 Pellew, Lancelot Vivian
 Millhouse, Vivian Rhodes
 Nesbit, Lancelot Julian

LAW OF EVIDENCE AND PROCEDURE (114).

SECOND CLASS :

Newman, Ralph Frederic
 Ward, Kevin Leonard

Davoren, John Joseph
 Travers, John, Leo

THIRD CLASS :

von Bertouch, Leopold
 Melville, Sidney John
 Ingleby, Aileen Constance
 Rooney, Patrick William
 Sparrow Cyril Keith
 Rochlin, Aaron }
 Harris, Ernest Wilfred }
 Morgan, Edward James
 Ranembe

Mathews, Llandaff Brisbane
 Wallace, Norman Verschuier
 Madigan, Paul Edward
 Sandery, Charles Arthur
 Somerville, Dorothy Christine

CONSTITUTIONAL LAW (115).

FIRST CLASS :

Piper, Francis Ernest
 Bean, Edgar Layton

Hogan, Esmond John Campbell

SECOND CLASS :

Smith Paul Teesdale
 Chamberlain, Reginald }
 Roderic St. Clair }
 Hogan, Leo Matthew }
 Bradford }

Williams, James Henry, B.A.
 Cartledge, Jack Pickering
 Hodby, Frederic Stephen }
 Newman, Ralph Frederic }
 von Bertouch, Leopold }

THIRD CLASS :

Wilson, Keith Cameron
 Astley, John Felix
 Smith, Roy Frisby }
 Cole, Thomas Haslam }
 Power, John Leslie

Hargrave, Lancelot Morton Spiller }
 Madigan, Paul Edward }
 Nelligan, Joseph William }
 Roberts, Arthur Bruce }
 Sparrow, Cyril Keith }

ROMAN LAW (116).

THIRD CLASS :

Heuzenroeder, Reginald Leo

Mellor, Thomas Reginald

PRIVATE INTERNATIONAL LAW (118).

FIRST CLASS :

Kelly, William Raymond

Ziesing, George Ignatius

SECOND CLASS :

Piper, Francis Ernest
 Nelligan, Joseph William

Morgan, Edward James
 Ranembe
 Ward, Kevin Leonard

THIRD CLASS :

Hogan, Esmond John Campbell	Rochlin, Aaron
Cartledge, Jack Pickering	Burns, William Middleton
Melville, Sidney John	Pattinson, Baden Powell
Travers, John Leo	Olsson, Athol Julius
Gifford, Alfred Silva Har- ril	Tolley, Lloyd
Harris, Ernest Wilfred	Hannan, Clare
Hogan, Leo Matthew	Sandery, Charles Arthur
Bradford	Kitson, Augustine Bede
Martin, Hugh Wallis	
Rooney, Patrick William	

Awarded the David Murray Scholarship in International Law:
Kelly, William Raymond

LATIN (2). FIRST YEAR.

DIVISION II :

Holmes, Edna Lucy	Tucker, Howard Erskine
Mortimer, Cecil Leonard	Ure, Gwendolen Helen

DIVISION III :

Bleby, Thelma Evelyn	Morris, Mervyn Charles
Crump, Cecil Charles	Naylor, John Colenso
Hewitt, Cecil Austin	

ENGLISH LANGUAGE AND LITERATURE (8).

DIVISION I :

Ure, Gwendolen Helen

DIVISION II :

Bleby, Thelma Evelyn Holmes, Edna Lucy

DIVISION III :

Butler, Harold Dixie Pattinson, Baden Powell
Naylor, John Colenso

HISTORY OF THE UNITED KINGDOM (12).

DIVISION II :

Tucker, Howard Erskine

DIVISION III :

Burns, William Middleton Smith, Roy Frisby

ECONOMICS, PART I. (20).

DIVISION II :

Pavy, Gordon Augustus

PSYCHOLOGY (21).

DIVISION II :

Mortimer, Cecil Leonard

DIVISION III :

Crump, Cecil Charles

Pellew, Lancelot Vivian

LOGIC (22).

DIVISION I :

Mortimer, Cecil Leonard

DIVISION III :

Crump, Cecil Charles
Innes, Kenneth Norman

Pellew, Lancelot Vivian

PURE MATHEMATICS: SECOND YEAR (31).

DIVISION III :

Somerville, Archibald Shierlaw Ralph

Stow Prizes were awarded to:

Bean, Edgar Layton
Kelly, William RaymondPiper, Francis Ernest
Ure, Gwendolen Helen

 FACULTY OF MEDICINE.

FOR THE DEGREE OF DOCTOR OF MEDICINE.

BY THESIS.

Burnell, Glen Howard, M.B., B.S.
Southwood, Albert Ray, M.B., B.S.

BY EXAMINATION, GROUP D.

LeMessurier, Frederick Niel, M.B., B.S.

FOR THE DEGREE OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

(In order of merit.)

FIRST YEAR—

FIRST CLASS :

Formby, Myles Landseer	Wigg, Neil Melrose
Munday, Neill Horace	Swann, Eric John
Last, Raymond Jack	McAnaney, Rita Margaret
Johnston, Benjamin George	Reid, Arthur Douglas
	Lamphee, Allan Dunstan
	Piper, Cyril Thomas

SECOND CLASS :

Hamilton, Ian Ayliffe	Rees, Harold Mitchell
Mugford, Frank Kenneth	Hone, Garton Maxwell
Forgan, Sydney Bayly	Blackney, William
Megaw, Clarice May	England, Clarence William
Fox, Robert Owen	Stephens, Kenneth Owen
Luke, Claudé Carlyle	

THIRD CLASS :

Formby, John Edward	Tassie, Thomas Wilson
Schneider, Michael	Hennessy, Arthur Henry
Prest, Henry Gordon	Porter, John Ellison
Samuel, Malcolm Vindin	Iseinstein, Abraham
Pellew, Henry Edwin	Gregerson, Gerald Jenkin

Awarded the Elder Prize: Formby, Myles Landseer

SECOND YEAR—

FIRST CLASS :

Hosking, Herbert Champion	Reed, Mary Ethel Hayter
Thyer, Frederick Lewis	Birch, Hugh McIntyre
Wicks, Frederick Ralph	

SECOND CLASS :

Cowling, Lionel Deucalion	Cornish, Joseph Ruskin
Angus, William Roy	Stockbridge, Ronald Keith
Schroeder, Arthur George	Dowling, Donald Augustus
Howard, Geoffrey Hardman	Tostevin, Alfred Ladyman
	Appleby, Harold Henry
	Christie, William

THIRD CLASS :

Binns, Raymond Thomas	Deland, Charles Mervyn
Mitchell, Thomas Oswald	

Awarded the Elder Prize: Hosking, Herbert Champion

THIRD YEAR—

FIRST CLASS :

West, Esmond Frank

SECOND CLASS :

Clark, Annie Winifred }
Jose, Gilbert Edgar }

THIRD CLASS :

Storer, Robert Vivian	}	Welch, Arthur Walter	}
Lewis, Aubrey Julian	}	Sydney James	}
Sumner, Donald James	}	Fisher, Harry Medcalf	}
Robert	}	Altmann, Herbert Franz	}
Terrill, Frederick Edward	}	Harbison, Ernest John	}
Adams, Dorothy Sorby	}	Keith	}
Solomons, Isaac Barnet	}		}

Awarded the Dr. Davies Thomas Scholarship: West, Esmond Frank

FOURTH YEAR—

FIRST CLASS :

Floreay, Howard Walter

SECOND CLASS :

Gartrell, Eric Frank		Gillfillan, William
Wells, Clarence Gordon		
Jones, Alan Thomas Brit-	}	
ten		
Harris, George David	}	
Webb, Arthur Liddon		

THIRD CLASS :

White, Alan Hubert		Bourke, Herbert Mervyn	}
Hubbe, Edith Ulrica, B.A.		Tonkin, William Richards	
		Hoopman, Friedrich Wil-	
		helm	

Awarded the Dr Davies Thomas Scholarship: Florey, Howard Walter

FIFTH YEAR—

FIRST CLASS :

Hetzell, Kenneth Stuart

SECOND CLASS :

Hone, Frank Raymond		Hills, George Ridge
Hussey, Percival Francis		Steven, Walter Edward
Leitch		

THIRD CLASS :

Watson, Arthur Harrison Wurm, Bertram Eric
 Edward
 Walmsley, Robert Leitch
 Eric

Awarded the Everard Scholarship:
 Hetzel, Kenneth Stuart

Awarded the Dr. Chas. Gosse Medal in Ophthalmology:
 Hussey, Percival Francis Leitch

FACULTY OF DENTISTRY

FOR THE DEGREE OF BACHELOR OF DENTAL SURGERY.

FIRST YEAR—

SECOND CLASS :

Coombe, Harold Robert

Passed in Physics and Metallurgy, thus completing the first year:
 Clark, John Francis

SECOND YEAR—

FIRST CLASS :

Clark, John Francis

THIRD CLASS :

Schafer, Max Ernest Hannaford

THIRD YEAR—

The undermentioned students passed in the subjects stated, thus completing the third year:

Campbell, Thomas Draper	} In Physics, Anatomy and General Pathology and Bacteriology.
Moore, Arthur Pariss	
Reading	
Edwards, Hurtle Thomas	} In Anatomy and General Pathology and Bacteriology.
Jack	
Smith, Robert James	
Brazil	

FACULTY OF MUSIC.

FOR THE DEGREE OF BACHELOR OF MUSIC.

FIRST YEAR—

SECOND CLASS :

Black, Edward William

Harvey, Faith Fairbank

SECOND YEAR—

SECOND CLASS :

Phillips, Muriel Edith

FINAL EXAMINATION—

Executant in Pianoforte Playing:

Riedel, Melita Wanda, with distinction.

FOR THE DIPLOMA OF ASSOCIATE IN MUSIC.

FIRST YEAR—

Barton, Irene Victoria
 Bates, Edgar Clarence
 Beare, Marjorie Kathleen
 Bishop, Lionel Albert Jack
 Black, Edward William
 Chappel, Phyllis Harvey
 Coombe, Sydney Phillip
 Dorman, Edith Grace
 Edwards, Herbert Percival
 Gold, Vi Doreen
 Green, Henry Thompson
 Jones, Winifreda Linda Ann
 Kentish, Doris Alice
 Meegan, Mary
 Moss, Gwendolyn
 Price, Alice Mildred
 Prince, Muriel Marjory
 Renou, Jean Lois
 Savage, Alice Winifred
 Schulz, Vera Gladys
 Sinclair, Jean Lily
 Tutton, May Alberta
 Walsh, Lillian May
 Williams, Mervyn Ewart
 Lancelot

Principal Subject.

Singing
 Pianoforte
 Pianoforte
 Pianoforte
 Violin
 Singing
 Singing
 Singing
 Organ
 Pianoforte
 Singing
 Pianoforte
 Pianoforte
 Pianoforte
 Violin
 Violin
 Pianoforte
 Pianoforte
 Singing
 Singing
 Singing
 Singing
 Singing
 Singing
 Violin

SECOND YEAR—

Brindal, Ellen Grace	Pianoforte
Carmichael, Doris	Pianoforte
Coombe, Reginald Joseph	Organ
Faulds, Io Susan Robertson	Violin
Geyer, Clem August	Pianoforte
Grosser, Eileen May	Pianoforte
Guster, Cora Isabel	Singing
Hancock, Eileen Mary	Singing
Mallon, Alice Mary	Singing
Meegan, Alice	Pianoforte
Pearson, Kathleen Crawford	Pianoforte
Prince, Jean Florence	Pianoforte
Stoneman, Doreen	Violin
Tonkin, Phyllis Anna	Singing
Wadey, Nancy Sybil	Singing

THIRD YEAR—

Keen, Lilian Guard	Pianoforte
Paddon, Una Margery	Singing
Yates, Edgar William David	Violin

 FOR THE DIPLOMA IN COMMERCE.

(In alphabetical order.)

ECONOMICS AND COMMERCIAL HISTORY. FIRST YEAR.

DIVISION I :

Martin, Eric John	Painter, Edward Websdale
O'Grady, Oswald James	

DIVISION II :

Battye, Ross	Miller, Clifford	William
Biggs, James Marshall	Littlejohn	
Born, Frank Ford Harker	Park, Gilbert Maxwell	
Francis, Stanley Charles	Pearce, Harold Willie	
Giles, Kenneth Livingstone	Reid, John Tennyson	
Goodhart, Frederick Chris- tian	Scriven, Dorothy Amy	
	Treloar, Albert	Edward
	Coran	

DIVISION III :

Byrne, Francis Gordon
 Dalton, Victor Ernest
 Dyke, Lewis Campbell
 Harvey, John Owen
 Holker, James Ralph
 Holt, William George
 Holten, Dora May
 Kinnish, Florence Maud

Mortess, Eric James
 Mullins, Francis Patrick
 Phelps, Winifred Annie
 Smith, Henry Morris
 Smith, Isaac Francis
 Sparks, Wilfred Clarence
 Thomas, James Gordon

ECONOMICS AND COMMERCIAL HISTORY. SECOND YEAR.

DIVISION I :

Brock, Noel Howard
 Golovsky, Israel

Vowles, Norman Augustine

DIVISION II :

Brady, Thomas Francis
 Daniel, Claude Alfred
 Vaughan
 Dermott, John Edwin
 Higgins, Harry Coote

McCarron, Phillip Bernard
 Alphonsus
 Marshall, Alma Kathleen
 Painter, Edward Websdale
 Reid, John Tennyson
 Vawser, Leeson William

DIVISION III :

Barlow, Charles Walter Wil-
 liam
 Battye, Ross
 Chinner, Alan George
 Cottrell, John Ledsam
 Francis, Ainslie de Lacey
 Horton, Francis Adolphus
 Houghton, William George
 Jeffery, Percy Daniel

Kinnish, Florence Maud
 Loan, William Clarence
 McEgan, Ernest William
 McLean, Allan William
 Pitcher, Ronald Samuel
 Thurston, Frank Harris
 Thyer, Walter Vernon
 Whitridge, Gladstone Keith

ECONOMIC GEOGRAPHY, FIRST YEAR.

DIVISION III :

Brady, Thomas Francis
 Brown, Thomas Roderick

Burr, Frederick Samuel

ECONOMIC GEOGRAPHY, SECOND YEAR.

DIVISION I :

Brown, Thomas Roderick

Golovsky, Israel

DIVISION II :

Brady, Thomas Francis
 Francis, Ainslie de Lacey
 Higgins, Harry Coote
 Marrett, Lorna Liggett
 Menz, Hermann Victor

Pearce, Harold Willie
 Pitcher, Ronald Samuel
 Reid, John Tennyson
 Topperwien, Jessie Jeannette

DIVISION III :

Baxter, Leslie Raymond
Burr, Frederick Samuel

Davis, Rosalie Olive

INDUSTRIAL AND COMMERCIAL LAW.

DIVISION I :

Browne, Clifford Harding
Francis, Stanley Charles
Philcox, Claude Joseph
Qwen

Treloar, Albert Edward
Coran

DIVISION II :

Chinner Allan George
Effick, Henry Birrell
Martin, Colin Walter

Miller, Clifford William
Littlejohn
Park, Gilbert Maxwell
Siggins, Isaac

DIVISION III :

Adamson, Harold Stanley
Born, Frank Ford Harker
Bressler, Carl August Hugo
Clarke, Geoffrey Thomas
Crisp, Douglas Bertram
Davidson, Cuthbert Hewett
Dyke, Lewis Campbell

Ferris, Walter
Foxworthy, John Henry
Hardy, Kenneth Thomas
Holker, James Ralph
Lorimer, Robert William
Mullins, Francis Patrick

INDUSTRIAL PRACTICE.

DIVISION III :

Born, Frank Ford Harker
Foxworthy, John Henry
Jeffery, Percy Daniel

McCarron, Phillip Bernard
Alphonse

BANKING AND EXCHANGE.

DIVISION I :

Battye, Ross
Dermott, John Edwin
Gray, Gilbert William
Lyne, Wilfred Tregewis

Martin, Eric John
O'Grady, Oswald James
Sellars, Norman Lionel

DIVISION II :

Baseby, Noel Frederick
Baxter, Leslie Raymond
Brock, Noel Howard
Casely, Edith Adeline
Dalton, Victor Ernest
Daniel, Claude Alfred
Vaughan
Fahey, George Ambrose
Kinnish, Florence Maud

Lorimer, Norman
Marrett, Lorna Liggett
Marshall, Alma Kathleen
Pettersen, John Frank
Phelps, Winifred Annie
Robertson, Clement Oliver
Stephenson, John
Wahlqvist, Hugo Carl
Whittington, Norah Emily

DIVISION III :

Barlow, Alfred Ebenezer
 Barlow, Charles Walter Wil-
 liam
 Bursey, John McClean
 Clarke, Geoffrey Thomas
 Davis, Rosalie Olive
 Giles, Kenneth Livingstone
 Guy, Roland George
 Holt, William George

Holten, Dora May
 Houghton, William George
 Lorimer, Robert William
 Morphett, Gladys Gertrude
 Pearce, Harold Willie
 Scriven, Dorothy Amy
 Sparks, Wilfred Clarence
 Thomas, Ernest Glen

FOR THE DIPLOMA IN ECONOMICS AND
 POLITICAL SCIENCE.

(In alphabetical order.)

ECONOMICS AND COMMERCIAL HISTORY, PART I.

DIVISION II :

Cromer, Victor Eugene

DIVISION III :

Kelly, Dorothy Mary
 Pritchard, Edgar Willie

Richards, Fred Kither
 Thomson, Robert

ECONOMICS AND COMMERCIAL HISTORY, PART II.

None passed

THE WAR.

ROLL OF HONOUR

MEMBERS AND STUDENTS OF THE UNIVERSITY.

Harold Edwin Salisbury
Armitage (Acting Major),
Arts

Charles Ernest Bagot, *Ap-
plied Science*

Brian Brock Bayly, B.Sc.,
M.C. (Captain)

Joseph Thomas Barnes, B.A.
Willoughby, George Bell,
B.Sc.

John Wesley Blacket, (Cap-
tain), *Arts*

Joseph Arnold Blacket (Lance-
Corporal), *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*

George Campbell Davies (Ser-
geant), *Science*

George Francis Davies, (Lieu-
tenant), *Arts*

John Newton Davies (Ser-
geant), *Arts*

Sylvester Sydney Day (Lance-
Corporal), *Arts*

Frank Henry Deally (Quali-
fied for B.Sc.)

Sandford Rhodes Delbridge
(Lance-Corporal), *Law*

Victor Knowlton Dickinson
(Corporal), *Arts*

Duxbury, L. V.
Melville Orchard Farmer,
Conservatorium

Angus Salier Ferguson, B.A.,
LL.B. (Lieutenant)

Paul Charles Albert Forna-
chon, B.A., B.Sc.

Owen Richard Gard, *Con-
servatorium*

Joseph Gilbert, B.Sc. (Lieu-
tenant)

James Leslie Gordon, LL.B.
(Sergeant, A.A.M.C.)

Anthony Basil McKellar Hall
(Sergeant), *Applied Science*

George Russell Hambidge,
Law

Gilbert, Aberdeen Harvey,
M.B., B.S. (Captain,
R.A.M.C.)

Ernest Duncan Hewish,
Science

William Paton Hoggarth,
(Lieutenant), *Applied Science*

Louis Gordon Holmes (Cap-
tain), *Commercial*

Leonard Charles Hornabrook
(Second Lieutenant), *Arts*

Charles William Hooper,
B.Sc., (Captain)

John Gilbert Jacob, M.M.
Arts

Frederick Sampson Jeffrey,
Arts

Wilfrid Oswald Jose (Lieu-
tenant), *Applied Science*

Julius August William Kay-
ser (Captain), *Arts*

Lyle Stanislaus 'Durham
Klauser (Sergeant-Major),
Law

Leonard Buxton Laurie
(Lieutenant), *Arts*

Graham Holland Leaver
(Lieutenant), *Applied Science*

Reginald Blockley Lucas,
M.B., B.S. (Capt., R.A.M.C.)

Ronald George McKail, B.Sc.
(Sergeant)

Clarence Roy McLaren, *Arts*

Louis Warnecke McNamara,
B.E., M.M.

John Brier Mills, LL.B.
(Major)

Harold Flinders Mitchell.
Final Certificate in Law
(Lieutenant)

Harold Eric Moody, LL.B.
(Lieutenant)

Alan Warren Morey, M.C.
(Lieutenant), *Medical*

Gordon Albert Munro (Lieu-
tenant), *Arts*

George, Francis Jack Need-
ham, A.C.U.A.

Elwin Bruce Olifent (Lieu-
tenant), *Commercial*

Clarence Swann Padman,
Arts

Geoffrey de Quetteville Robin
(Sergeant), *Applied Science*

Alan Chamberlain Rodgers,
Science

George Selway, *Law*

John Mitchell Sinclair (Ser-
geant), *Law*

Harry Burgan Slee, *Arts*

Cyril Forster Stephens, B.Sc.,
(Lance-Corporal)

Charles Price Tiver, *Science*

John Clarence Wells, M.B.,
B.S. (Major)

George Wheaton (Lieutenant),
Arts

William Varley, *Law*

ROLL OF SERVICE.

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, R. W.
M.B., B.S., White Eagle of
Serbia (Major)

Clark, E. V., B.Sc. (Captain)

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)

Garrett, 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.
(Captain)

Newland, H. S., M.B., M.S.,
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.

Angwin, H. T. M., B.E.

Baker, A. J. K., B.A.

† Wounded.

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.
 Beave, F. H., M.B., B.S.
 Berriman, R. H., B.Sc.
 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.
 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, J. 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.
 Catchlove, S. G. L., M.B.,
 B.S.
 Caw, A. R., M.B., B.S.
 Chapple, A., B.Sc.
 Chapple, Harold, B.Sc.
 Chapple, Phoebe, M.B., B.S.,
 M.M.
 Cilento, R. W., M.B., B.S.
 Coghill, D. M. R., M.A.
 Collins, W. K., M.B., B.S.
 Corbin, C., M.B., B.S.
 Corbin, H., B.Sc.
 †Chapman, R. H., B.E.
 †Clayton, A. R., M.B., B.S.,
 D.S.O.
 Cleland, W. L., B.E.
 †Close, W. J., M.B., B.S.

Cole, C. R., B.Sc.
 Cooper, W. W., B.E.
 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 Certifi-
 cate in Law
 Davies, H. W., M.B., B.S.
 Davies, W. L., B.A., M.C.
 Davey, R. S., Final Certifi-
 cate 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.
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 B.S., D.S.O.
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 B.S.
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 C.de G.
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† 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 Ourselves at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By Warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

FOR RECOGNISING DEGREES IN SURGERY AND ENGINEERING.

Dated 2nd September, 1913.

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

Whereas Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight 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.

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 effect 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 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."

*An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

† 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."

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 administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will, on or before the expiration of ten years from the date hereof pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds Sterling: And will in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments: And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs: And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M.A., Incumbent of the Church of England in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature: And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other 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 } W. W. HUGHES. (L.S.)
 B. Andrews, Solicitor, Adelaide.

*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.

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

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

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

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 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 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 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 Univer-

sity 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 I 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 Legislative Council, or by the Speaker or Deputy Speaker of the House of Assembly, as the case may be, certifying that the person or persons therein named has or have been appointed 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.

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 Board,

who shall hold office for the same period and in all respects 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.

HOSPITAL ACT AMENDMENT ACT, 1884, AMENDING THE
HOSPITALS ACT, 1867.

No. 306 of 1884.

University to elect one member and Commissioners of Hospital another.

Section IX. of this Act enacts that, "At any time in the months of January or February in every year the Council of the University of Adelaide may elect one member of the Board of Management of the Adelaide Hospital, and the Commissioners of the Adelaide Hospital may elect another member of the said Board."

Elections to be notified to Chief Secretary, and Governor to appoint sixteen in all,
including persons elected.

Section X., "On or before the twenty-eighth day of February in every year the electing parties shall notify to the Chief Secretary the names of the persons elected by them, respectively, as members of the Board of Management of the Adelaide Hospital, and on or before the thirty-first day of March following, the Governor shall appoint the persons so elected to be members of the said board, and shall also appoint as many other persons as shall, together with the members so elected, be enough to make up the whole number of members to sixteen, whereof not more than eight are to be medical practitioners.

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 months of March, July, and November respectively; but if the Warden is of opinion that there is not sufficient business to bring before the Senate, he may direct notice to be issued that the meeting shall for that time lapse.

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 1 p.m. 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.

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 shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

D. ELECTIONS.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

*58A. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

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

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

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

*65A. Each member, in voting, shall set the figure 1 opposite the name of the one candidate for whom he wishes to vote, and may set the successive figures 2, 3, 5, etc., opposite the other names in the order in which he wishes his vote to be used in the case of transfer, numbering consecutively as many of the candidates' names as he may desire to number.

*65B. A voting paper will be deemed informal if no candidate's name shall have the figure 1 set opposite to it, or if more than one candidate's name shall have the figure 1 set opposite to it. A voting paper will become informal and no longer transferable if at any stage of the count when it is required for transfer it shall be found that the next consecutive figure to be used is not set against the name of any candidate or is set against the names of more than one candidate.

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

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

*68. The voting shall be counted by the scrutineers in accordance with the method detailed in the schedule of rules adopted by the Senate on July 28th, 1915, a copy of which shall be handed by the Clerk of the Senate to each scrutineer on appointment. The Scrutineer shall report to the Warden the names of the candidates elected. The Warden 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.

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 code having been rescinded.

FREDERIC CHAPPLE,

December 2nd, 1885.

WARDEN.

ELECTION OF MEMBERS OF COUNCIL.

Schedule of Rules of instruction to Scrutineers for election of Members of Council under method of Election known as that of Hare's Single Transferable Vote.

First Count.

1. Sort papers according to first preferences. Reject informal papers. Mark remainder with (1). Count total first votes for each candidate.

Determination of Quota. The Quota elects.

2. Divide the total number of formal votes by the number of members of Council required plus one, and add one to the quotient. This (ignoring any fraction) gives the *quota*. A candidate who obtains the quota at the first or any subsequent count is thereby elected.

Redistribution of Surplus Votes

3. If a candidate (A), at the first or any subsequent count, has votes in excess of the quota, his surplus is redistributed as follows :

(i) If after first count :

Mark on each of (A)'s papers the *transfer-value*, which is the fraction : $\frac{\text{(A)'s surplus votes}}{\text{(A)'s total votes}}$ and transfer each paper to the candidate next in order of preference thereon, disregarding candidates already elected.

(ii) If after second (or subsequent) count :

Mark on each of the papers last transferred to A the new transfer-value which is the fraction :

$\frac{\text{A's surplus votes}}{\text{Total number of papers received by A at last transfer}}$

and transfer the papers so marked to the candidate next in order of preference, disregarding any candidates already elected or rejected.

After each transfer recount the papers according to their marked value, and if any candidate then obtain more than the quota redistribute his surplus as above.

Rejection of Candidate lowest on List.

4. If when the above process is ended the quota has not been obtained by the required number of candidates, the papers of the candidate lowest on the list are to be redistributed at their marked value to the unelected candidates next in order of preference.

If as a result any candidate reaches the quota, he is elected ; and his surplus votes (if any) redistributed as in Clause 3.

Exhaustion of above process

5. The above process of rejection and redistribution shall be repeated until the required number of candidates has been elected, or until the number of unelected candidates exceeds by only one the number still required. In this case the candidate with fewest votes is rejected, and the remainder are elected.

Case of equal for lowest.

6. Of two candidates who at the conclusion of a transfer have an equal number of votes, that one shall be deemed the lower who had fewer votes prior to that transfer.

Contingencies.

7. If any contingency not met by the above rules arises, the scrutineers shall be guided by Schedule 4 to the Tasmanian Electoral Act of 1907.

APPENDIX.

APPENDIX.

SYLLABUS OF SUBJECTS FOR DEGREES AND DIPLOMA COURSES FOR 1921.

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 commencement of the session or term.

GREEK AND LATIN.

1. Greek. B.A. and M.A. Ordinary Degrees.

The series of lectures is begun every year, and is completed in three years. It is divided into three courses, with an examination at the end of each, but there will be no lectures in the third course. Fee for each course, £3 3s., or £1 1s. per term.

Subjects of examination in 1921 :

A. FIRST COURSE :

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1921 :
 - Demosthenes, *Meidias*, ed. by J. R. King (Clarendon Press).
 - Euripides, *Alcestis*, ed. by W. S. Hadley (Pitt Press).
- (d) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

B. SECOND COURSE :

Same as First year, but in addition are prescribed :
Herodotus, Book I., ed. by R. G. Woods (Rivington's).
Greek Literature, Prof. Jebb (Literature Primers, Macmillan).

C. THIRD COURSE :

- (a) Translation from Greek into English :
- (b) Books specially set for 1921.
 - Plato, *Phaedo*.
 - Pindar, *Pythian Odes*.
 - Thucydides, VII.
 - Sophokles, *Oedipus Rex*.
 - Greek Antiquities*, Prof. Mahaffy (History Primers, Macmillan).
 - 'Short History of the Greeks from earliest times to B.C. 146,' by E. S. Shuckburgh (Camb. University Press).

2. Latin. B.A. and M.A. Ordinary Degrees

The series of lectures is begun every year, and is completed in three years. It is divided into three courses, with an examination at the end of each, but there will be no lectures in the third course. Fee for each course, £3 3s., or £1 1s. per term.

Subjects of examination in 1921 :

A. FIRST COURSE :

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1921 :
 - Cicero, *Catiline* I. and II., ed. by L. D. Wainwright (Arnold's Latin Texts).
 - Livy XXXIV, 1-8, in 'More Latin and English Idiom,' ed. by H. Darnley Naylor (Cambridge University Press).
 - Horace, *Odes* I., ed. by T. A. Page (Elementary Classics, Macmillan & Co.).
- (d) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

B. SECOND COURSE :

- Same as First year, but in addition are prescribed :
- Tacitus, *Annals*, Book I., ed. by H. Furneaux (Clarendon Press).
 - Roman Literature*, Prof. Wilkins (Literature Primers, Macmillan).

C. THIRD COURSE :

- (a) Translation from Latin into English :
- (b) Books specially set for 1921.
 - Plautus, *Rudens*.
 - Lucretius, *Book V*.
 - Cicero, *Tusculan Disputations*, *Book I*.
 - The Second Philippic*.
 - Roman Antiquities*, Prof. Wilkins (History Primers, Macmillan).
 - 'Short History of Rome to the death of Augustus,' by J. Wells (Methuen, London).

3. Elementary Comparative Philology.

The course will consist of 60 lectures, including 18 lectures on Elementary Greek. It will not be given until 1922. Fee for the course, £3 3s., or £1 1s. per term.

Text-book :

- J. M. Edmonds, *An introduction to Comparative Philology* (Cambridge University Press).

4. Greek and Latin. B.A. Honours Degree.

The course extends over four years. Candidates are strongly recommended to start Honours Lectures in Composition and Books at the very commencement of their course. As far as possible all the Honours Books will be dealt with in a four years' cycle, and candidates are advised to read by themselves other works of the authors mentioned in the list below.

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.
- (f) Questions on Greek and Roman History, and on the subject matter of such Greek and Latin books as may be specially chosen.
- (g) Books specially set :
 - The Iliad, Books I. and XVIII.*
 - The Odyssey, Books XXI., XXII., XXIII.*
 - Aeschylus, *Prometheus Bound.*
 - Pindar, *Pythian Odes.*
 - Sophocles, *Oedipus the King.*
 - Aristophanes, *The Frogs.*
 - Herodotus, *Book I.*
 - Thucydides, *Books VI. and VIII.*
 - Plato, *Phaedo* ; *Proem to the Republic* (T. G. Tucker).
 - Demosthenes, *Select Private Orations* (Paley and Sandys), *Vol. I., Nos. 34, 35, 39, 56.*
 - Plautus, *Rudens.*
 - Lucretius, *Book V.*
 - Vergil, *Aeneid, Books I. and VI.*
 - Horace, *Carmina, Book III.; Epistles, Book I.*
 - Juvenal, *The Satires in J. D. Duff's edition* (Omit No. VI.).
 - Cicero, *Letters to Atticus, Book I.; Tusculan Disputations, Book I.; The Second Philippic.*
 - Livy, *Books I. and XXI.*
 - Tacitus, *Annals, Book I.*

* Translation into verse is optional.

5. Greek and Latin. M.A. Honours Degree.

The Examination will be in the following subjects :

- (a) Translation into English from Greek and Latin writers.
- (b) Grammar, textual Criticism, and Comparative Philology as applied to the Greek and Latin Languages. *An Introduction to Comparative Philology* by J. M. Edmonds (Camb. Univ. Press, 1906) is recommended. Candidates are advised to read *An Introduction to the Natural History of Language*, by T. G. Tucker (Blackie and Son).
- (c) A thesis on a subject approved by the Faculty of Arts may be accepted as the whole or part of the 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.

7. English Language and Literature. B.A. and M.A. Ordinary Degrees.

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 take the second course before passing the first, or the third before passing in the first and second without special permission. The course comprises the history of the language, and study of selected authors and prescribed books. Fee for each course, £3 3s., or £1 1s. per term.

Subjects of examination in 1921 :

A. FIRST COURSE :

Lectures on the language and literature of the fourteenth century ; and on the art of writing, with special reference to vocabulary and style.

Students will be examined on the professor's lectures and the following books :

1. *An introduction to the study of literature*, W. H. Hudson (Harrap & Co.).
2. *History of the English language*, Part I., T. R. Lounsbury.
3. Chaucer. *Prologue, Knight's Tale*, ed. by R. Morris ; new ed. by W. W. Skeat. (Clarendon Press.)
4. *Specimens of English Prose from Malory to Carlyle*, selected by B. M. Skeat (Blackie & Son).

Note.—Tests in English composition will be given from time to time. It is assumed that students, before entering upon the course, have studied the elements of English composition in such books as Murison's *English composition* or Nesfield's *Aids to the study and composition of English*. Edwin A. Abbott's little book on *How to write clearly*, is also recommended for preliminary study and practice in the art of writing.

Students are recommended to study Chaucer's *Prologue* and *Knight's Tale* before the beginning of the first term, and to use Morris and Skeat's introduction or the second part of Lounsbury to elucidate the grammatical difficulties of the text.

B. SECOND COURSE :

Lectures will be delivered on Shakespeare, Milton, and Bunyan, and on the history of the drama.

Students will be examined on the professor's lectures and the following books :

1. *A short history of English literature*, Vol. II. Shakespeare to Dryden. Elizabeth Lee (Blackie & Son).
2. *Defense of Poesy*, Sir Philip Sidney, ed. by D. M. Macardle (Macmillan & Co.).
3. Shakespeare: *King Lear* and *The Tempest*.
4. Milton: *L'Allegro, Il Penseroso, Comus, Lycidas*, and *Paradise Lost*, Books I. and II.
5. A selection of Bacon's Essays; Milton's *Areopagitica*; Bunyan's *Holy War*.

C. THIRD COURSE:

Lectures may or may not be delivered on the literature of the Augustan age, the Romantic period, and on the leading poets of the nineteenth century.

Students will be examined on the professor's lectures and the following books:

1. *The Literature of the Victorian era*, Hugh Walker (Camb. Univ. Pr.).
2. *Longer English poems: Mac Flecknoe to Adonais*, ed. by T. W. Hales (Macmillan).
3. *Selections from Wordsworth*, ed. by A. H. Thompson (Camb. Univ. Pr.).
4. Tennyson: *Poems, 1830-1864* (Camb. Univ. Pr.).
5. Browning: *Selections* (Smith, Elder), and *Pippa Passes*,
6. *Essays of Richard Steele*, ed. by L. E. Steele (Macmillan & Co.); *English critical essays, XIX. century* (Ox. Univ. Pr.); *The Egoist*, George Meredith.

Note.—In the event of the professor being unable to lecture on the literature of this period, the examination will be on the books prescribed.

The John Howard Clark Prize is awarded on the results of the Examination in English Language and Literature. For particulars of the Prize see Statutes, Chapter XIV.

9. French. B.A. and M.A. Ordinary Degrees.

Students in each of the two years 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 of the second year are also required to attend one lecture a week on the history of French literature; the lecture will be in French. Two annual examinations are held, of which the first must be passed a year at least before the candidate sits for the other. Fee for the course, £3 3s., or £1 1s. per term.

Subjects of examination in 1921:

A. FIRST COURSE:

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) *Cours de Grammaire Historique*. Part IV. Darmesteter.

- (d) Books specially set :
 Racine, *Britannicus* (Macmillan & Co.).
Specimens of modern French prose, ed. Berthon (Macmillan and Co.).
 A. de Musset, *Poésies choisies* (Oxford Higher French Series).
- (e) Selections to be committed to memory :
 Spiers' *Senior French Reciter*, Nos. 2, 4, 14, 21.
- (f) Candidates must satisfy a reading and a conversation test.

B. SECOND COURSE :

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) *Histoire de la littérature française, par René Doumic*, pp. 188-389 (Paul Delaplane). *Cours de Grammaire Historique, Darmesteter*, Part I., pp. 1-64, 91-143.
- (d) Books specially set :
Les Poètes Français du XIX^e Siècle, A. Auzas, pp. 1-52, 101-201 (Oxford Imprimerie de l'Université).
 Molière, *Les Précieuses ridicules*, ed. Braunholz (Pitt Press Series).
 Michelet, *L'Oiseau* (Oxford Higher French Series).
 G. Sand, *François le Champi* (Oxford Higher French Series).
- (e) Selections to be committed to memory :
Le Lac—François le Champi, pp. 14-16 :
Un matin que . . . apercevait plus.
- (f) Candidates must satisfy a reading and a conversation test.

In the examination at the end of the second course, candidates are required to answer in French all questions, except the translation from French into English.

10. German. B.A. and M.A. Ordinary Degrees.

No course of lectures is provided at present, but two annual examinations are held, of which the first must be passed a year at least before the candidate sits for the other.

Subjects of examination in 1921 :

A. FIRST COURSE :

- (a) Translation from English into German.
- (b) Translation from German into English.
- (c) History of the German Language.
 Behaghel, *A Short Historical Grammar of the German Language* (Macmillan, 3s. 6d.)

(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.)

(d) Books specially set :

Schiller, *Maria Stuart*, ed. Brel (Camb. Un. Pr.).
 Goethe, *Hermann u. Dorothea*, ed. Wagner (Camb. Un. Pr.).
 Heine, *Harzreise* (Blackie's Lit. Germ. Class.).

(e) Selections to be committed to memory :

Heine, *Lorelei*.
 Uhland, *Das Schloss am Meer*.
 Goethe, *Erkönig*.
 Schiller, *Das Mädchen aus der Fremde*.

(Note : These poems may be found in *Poems for Recitation*, Blackie's Little German Classics, 6d.).

(f) Candidates must satisfy a reading and a conversation test.

B. SECOND COURSE :

(a) Translation from English into German.

(b) Translation from German into English.

(c) History of German Literature.

Alfred Lotze, *Geschichte der deutschen Literatur* (Rudolf Haupt, Leipzig, 3s.) or other approved book.

(d) Books specially set :

Lessing, *Nathan der Weise*, ed. Robertson (Camb. Un. Pr.).
 Goethe, *Iphigenie auf Tauris*, ed. Cotteril (Macmillan).
 Scheffel, *Ekkehard*, ed. Henkebach (Heath & Co.).

(e) Selections to be committed to memory :

Körner, *Gebet während der Schlacht*.
 Schiller, *Hoffnung*.
 Uhland, *Die Kapelle*.
 Kerner, *Der reichste Fürst*.
 Goethe, (a) *Kennst du das Land*,
 (b) *Wer nie sein Brot mit Tränen ass*.

Note: These poems may be found in *The Oxford Book of German Verse* (Oxford Univ. Press, 6s.).

(f) Candidates must satisfy a reading and a conversation test.

In the examination at the end of the second course, candidates are required to answer in German all questions, except the translations from German into English.

HISTORY.

12. Modern History.

B.A. and M.A. Ordinary Degrees.

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 take the second course before passing the first, or the third before passing in the first and second without special permission. Fee for each course, £3 3s., or £1 ls. per term.

A. FIRST COURSE. CONSTITUTIONAL HISTORY :

Lectures will be delivered on the history of the English constitution, the history of the constitution of Canada, and (if time permit) on Imperial constitutional history since 1870.

Students will be examined on the professor's lectures and the following books :

1. *History of the British Constitution*. J. N. Masterman (Macmillan & Co.)
2. *Canada under British Rule, 1760-1900*. Sir John Bourinot (Camb. Un. Pr.).
3. *Federations and Unions in the British Empire*. H. E. Egerton (Clar. Pr.).

It is assumed that students have studied the ordinary text-books for the public examinations before entering upon their course at the University. Students who intend to read for honours, or compete for the Tinline Scholarship, must satisfy the professor that they are studying Taswell-Langmead's *English Constitutional History*, ed. by Professor Coleman Phillipson.

B SECOND COURSE. BRITISH IMPERIAL HISTORY.

Lectures will be delivered on the history of the navy, builders of Empire in the 16th, 17th, and 18th centuries, and in British Imperial history in the 19th century.

Students will be examined in the professor's lectures and the following books :

1. *The Navy and Sea Power*. W. Hannay (Home Univ. Lib.).
2. *The Expansion of the British Empire*. W. H. Woodward (Camb. Univ. Pr.).
3. *The Expansion of England*. J. R. Seeley (Macmillan and Co.).
4. *Selected speeches and documents on British Colonial policy*, Vol. I. A. B. Keith (Ox. Univ. Pr.).

Students who intend to read for honours, or compete for the Tinline Scholarship, must satisfy the professor that they are studying some of the books prescribed for the honours course in British Imperial and Colonial history.

C. THIRD COURSE. EUROPEAN HISTORY.

One of the following periods in European history :

- (1) The Middle Ages, 919-1273.
- (2) European History, 1789-1914.

1. The Middle Ages, 919-1273 :

Lectures may or may not be delivered on the struggle between the Empire and Papacy : St. Francis of Assisi and Louis XIV., King of France ; the Crusades.

Students will be examined in the professor's lectures and the following books:

The Holy Roman Empire, chaps. VI.-XVII. J. Bryce (Macmillan & Co.).

The Legend of St. Francis by the three Companions; tr. by E. G. Salter.

The Little Flowers of St. Francis; tr. by T. W. Arnold.

Francis of Assisi, saint. Mirror of perfection; written by Brother Leo of Assisi; ed. by P. Sabatier; tr. by S. Evans. (Nutt.)

Joinville, Sire de. *Saint Louis, king of France*.

Archer, T. A., and Kingsford, C. L. *The Crusades* (Unwin).

Bryce's *Holy Roman Empire* should be studied before the beginning of the first term.

2. European History, 1789-1914.

Lectures may or may not be given on the French Revolution, the growth of nations, the progress of democracy, and the history of international relations.

Students will be examined in the professor's lectures and the following books:

1. *The French Revolution*. Louis Madelin (Wm. Heinemann).
2. *The last century in Europe*. E. C. Hawkesworth (Edward Arnold).
3. *Geography and world power*. J. Fairgrieve (Lond. Univ. Pr.).
4. *The great European treaties of the XIX. century*. Oakes and Mowat (Clar. Pr.).

In the event of the professor being unable to lecture on either of these periods for the third year's course, students will be examined in the prescribed books. Students who are reading for honours must satisfy the professor that they are studying some of the books prescribed for the honours course in their subject. Note books must be submitted and essays written at regular intervals.

13. History. B.A. Honours Degree.¹

¹ In addition to the requirements of Regulation IV., candidates must select one of the two following Divisions (a) or (b):

(a) THE PURITAN REVOLUTION, 1642-1660.

1. GENERAL.

- Gardiner, S. R. *History of England, 1603-1642.*
History of the great civil war, 1642-1649.
History of the commonwealth and protectorate.
- Firth, C. H. *The last years of the protectorate, 1656-1658.*

2. ORIGINAL.

Gardiner, S. R.	<i>Constitutional documents of the Puritan revolution.</i> <i>Clark Papers.</i> Ed. by Firth (Camden Society).
Ludlow.	<i>Memoirs.</i> Mrs. Hutchinson.
Milton	<i>Il Penseroso, Comus, Lycidas, Areopagitica,</i> <i>Defensio Secunda, Samson Agonistes.</i>
Bunyan.	<i>Life and Death of Mr. Badman.</i> <i>Pilgrim's Progress.</i>
Clarendon.	<i>History of the Rebellion.</i>

A thesis must be written on some subject elucidating the history of the period, and the examination will include a paper on the History of the English Constitution from 1295 to 1603.

(b) BRITISH IMPERIAL AND COLONIAL HISTORY.

1. There will be an examination in

- (a) British Imperial History.
- (b) History of Australasia.
- (c) Constitutional History of Canada.
- (d) Imperial Reconstruction since 1890.

Books recommended :

- (a) Lucas: *The British Empire*; Woodward: *Expansion of the British Empire*; Egerton: *A Short History of British Colonial Policy*; Henderson: *Sir George Grey*.
- (b) Jenks: *History of the Australian Colonies*; Cramp: *State and Federal Constitutions of Australia*; Rogers: *Historical Geography of Australasia*; Report of the Interstate Commission of Australia on British and Australian Trade in the South Pacific.
- (c) Egerton and Grant: *Canadian Constitutional Development*; Lord Durham: *Report on the affairs of British North America*.
- (d) Keith: *Imperial Unity and the Dominions*; Richard Jebb: *The Imperial Conference*.

2. Students must also present a thesis in a period of South Australian History which is based upon careful original research. The thesis prescribed in accordance with the conditions of the Tinline Scholarship may also be presented for the degree. The documents and papers to be studied and consulted include:—

- (a) Despatches and Enclosures. (Duplicate copies of these are now in the Public Library, and may be consulted with the permission of the Chancellor of the University.)
- (b) Commissions of Inquiry.
- (c) Departmental records.
- (d) Scientific and general reports.
- (e) Contemporary publications in pamphlet and book form.
- (f) Gazettes and Calendars.
- (g) Newspapers.

Arrangements have been made with the Heads of the Government Departments of South Australia, the authorities of the Adelaide Public Library and the South Australian Branch of the Royal Geographical Society for giving students engaged in this work access to the original material in the Public Library and the York Gate Collection. A large collection of original documents will soon be available for study in the Archives department of the Public Library.

14. History. M.A. Honours Degree.

THE FIRST THREE CRUSADES.

Two papers will be set on general European History up to the year 1275, for which no special books are prescribed, but the Professor may be consulted. Two or more papers will be set on the original authorities prescribed below. Questions may also be set on the subject matter of the thesis. No student will be permitted to enter upon this course of study unless he shall have previously passed in second year Latin and French in the course prescribed for the B.A. degree.

ORIGINAL AUTHORITIES.

Gesta Francorum

Raymond de Agiles.

Fulcher de Chartres.

Odo de Deuil

William of Tyre. Books XVI., XVIII., ch. 1-8.

Bohá-ed-dín.

Itinerarium Regis Ricardi. Ed. by W. Stubbs.

These Chronicles are to be found in the University Library under title of "*Reveuil des historiens des Croisades, etc.*"

For modern works on the subject consult the Professor.

A thesis must be written on some subject elucidating the history of the period, with special reference to the Crusades. Some of the questions in the examination papers on the Crusading period will include extracts in mediaeval French and Latin.

If the candidate wishes to study some other period for the Honours Degree of M.A. he should consult the professor, but the subject must be submitted for the approval of the Council at least twelve months before the examination.

ECONOMICS.

15. Economics. B.A. and M.A. Ordinary Degrees.

There are two courses in Economics; lectures in each course are given every year and are completed in one year. No student may take the second course unless he has passed the examination of the first course.

Fee for each course: £3 3s., or £1 1s. per term.

A. FIRST COURSE.

The lectures will deal with the theory of value, the production, exchange, distribution, and consumption of wealth, currency, taxation, and the outlines of economic history.

Text-books :

- Economics for the General Reader*, Clav (Macmillan).
History of Commerce, C. Day (Longman).
Evolution of Modern Capitalism, J. A. Hobson (Scott).
The Meaning of Money, H. Withers (Murray).

The following may also be consulted :

- Science of Wealth*, J. A. Hobson (Home University Library).
The Trust Problem, Jenks.
Introduction to the Study of Prices, W. T. Layton (Macmillan).

Students who have no previous knowledge of the subject are recommended to read, before beginning the course, one of the following :

- Economics of everyday life, part I.*, T. H. Penson (Camb. Univ. Pr.).
Outlines of Economics, R. E. Nelson (Bell).
Economics : Descriptive and Theoretical, McKillop and Atkinson (Allman).

B. SECOND COURSE.

Subjects dealt with in the first course will be studied in greater detail especially statistics, public administration and finance, and the chief aspects of State regulation of industry, housing, town planning, land tenure, etc. During the year each student will be asked to choose some topic in which he is specially interested, and, if this topic is approved by the lecturer, the student will be expected to make an intensive study of it, and write an essay on some part of it.

Text-books :

- Political Economy*, Gide (Harrap).
National Power and Prosperity, C. Gill (Unwin).
History of Socialism, T. Kirkup (Black).

And special books bearing on the topic chosen by the student.

The following may also be consulted :

- Underlying Principles of Modern Legislation*, J. Brown (Murray).
History of Economic Doctrines, Gide (Harrap).
Principles of Economics, Taussig (Macmillan).

6. Economic History. B.A. and M.A. Ordinary Degrees.

The course of lectures is given every year, and is completed in one year.

Fee for the course, £3 3s., or £1 1s. per term.

Text-books :

- Economic Organisation of England*, Ashley (Longman).
English Economic History : Select Documents, Bland, Tawney, and Brown (Bell).
Evolution of Industry, MacGregor (Home University Library).
Modern Economic History, Heaton (Workers' Educational Association of S.A.).

The following may also be consulted :

Economic History of England, Lip-on (Black).
Life and Labour in the Nineteenth Century, C. R. Fay (Cambridge).
Making of Modern England, Slater (Constable).
Industrial Evolution, Bucher (Holt)

Students who have no previous knowledge of the subject are recommended to read, before beginning the course, either—

English Industrial History, Meadows (Bell),
 Or, *Trade, Tillage, and Invention*, Warner (Blackie).

MENTAL AND MORAL SCIENCE.

Courses of lectures on Psychology, Logic, and Philosophy will be given every year, and on Ethics every second year.

20. Psychology. B.A. and M.A. Ordinary Degrees.

The course of lectures is given every year, and is completed in one year. Fee for the course £3 3s., or £1 1s. per term.

Subjects of examination :

The professor's lectures, with the following text-books :

Structure and Growth of the Mind, Mitchell.
Nervous System, Lickley (Longmans).

For private study :

Manual of Psychology, Stout.
Physiological Psychology, McDougall.

21. Logic. B.A. and M.A. Ordinary Degrees.

The course of lectures is given every year, and is completed in one year. Fee for the course £3 3s., or £1 1s. per term.

Subjects of examination :

The professor's lectures, with
An Introductory Logic, Creighton.

For private study :

Essentials of Logic, Bosanquet.

The Roby Fletcher Prize is awarded on the results of the examinations in Psychology and Logic.

22. Ethics. B.A. and M.A. Ordinary Degrees.

The course of lectures is given every second year, and is completed in one year. It will be given in 1922. Fee for the course, £3 3s., or £1 1s. per term.

Subjects of examination :

The professor's lectures, with the following text-books :

Dewey and Tufts, *Ethics*
 Sidgwick, *History of Ethics*.

23. Philosophy. B.A. and M.A. Ordinary Degrees.

There are two courses of lectures, called Part I and Part II; each will be given every year. Part I is a systematic course, and students will be expected to read: Ward, *Naturalism and Agnosticism*; Berkeley, *Principles of Human Knowledge* (Everyman's Library); Hume, *Inquiry Concerning Human Understanding*; Soddy, *Matter and Energy* (Home University Library); Moore, *Origin and Nature of Life* (Home University Library).

Fee for each course £3 3s., or £1 ls. per term.

24. Philosophy. B.A. Honours Degree.

The examination for the degree will include Psychology, Logic, and Ethics, as well as Philosophy. In addition to the books prescribed for the Ordinary Degree candidates will be expected to have read the following: James, *Principles of Psychology*; Ward, *Psychological Principles*; McDougall, *Social Psychology*; Green, *Prolegomena to Ethics*; Burnet, *Greek Philosophy Part i.*; Aristotle, *Ethics*; Pringle-Pattison, *The Idea of God*; together with texts that will be prescribed in connection with a course of lectures on the history of modern philosophy.

25. Philosophy. M.A. Honours Degree.

In proposing the subject for thesis and for examination candidates should present a list of the works on which they may be examined in accordance with Reg. IV. of the M.A. Degree. If the literature approved for the thesis is adequate the examination may be confined to it.

EDUCATION.

26. Education. B.A. and M.A. Ordinary Degree.

The course of lectures is given every year, and is completed in one year. Fee for the course, £3 3s., or £1 ls. per term.

Subjects of examination:

The lectures on the History and the Theory of Education.

In the History, students are recommended to read Munro, *A Brief Course in the History of Education*, and Quick, *Educational Reformers*

In the Theory of Education they are recommended to read Raymond's *Principles of Education* (Longmans, Green, & Co., 4s. 6d.).

27. Principles and Practice of Education. Diplomas in Education.

DIPLOMA IN PRIMARY EDUCATION.

Course prescribed in accordance with Regulation II (3 and 4).

No course of lectures is provided at present, but an examination will be held annually in Hygiene, Educational Psychology, and the Principles of Primary School Method. The examinations need not be taken in the same

year, but candidates will not be admitted to the examination in the Principles of Primary School Method unless in a previous year they have passed the examination in Education as prescribed for the Ordinary Degree of B.A.

1. HYGIENE.

Text Book :

Porter. *School Hygiene and Laws of Health*. Longmans, Green & Co.

2. EDUCATIONAL PSYCHOLOGY.

Text Books :

Rusk. *Experimental education*.

Monroe, Kelly, and de Voss. *Educational tests and measurements*.

3. PRINCIPLES OF PRIMARY SCHOOL METHOD.

No text books are prescribed. Candidates will be expected to show an advanced knowledge of the principles of method in teaching English, Arithmetic, Geography, and History in the Primary and Preparatory schools.

4. PRACTICAL TEACHING.

(i.) Candidates are required to spend not less than eighty hours in teaching in a primary school, under such supervision as the Council may require. Candidates must present a diary of the work done and detailed notes on at least twenty lessons.

(ii.) Thereafter candidates must spend at least three years in teaching in a primary or preparatory school approved by the Council, and give such evidence of skill in teaching and of power in control as the Council may require.

5. THESIS.

Candidates are also required to write a thesis on some aspect of primary or preparatory school organisation, management, or methods of teaching. The subject to be dealt with, the literature to be studied, and the probable length of the thesis, 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 thesis.

The thesis may not be presented until the conditions prescribed in paragraph 4 above have been fulfilled.

DIPLOMA IN SECONDARY EDUCATION.

Course prescribed in accordance with Regulation III (3 and 4).

No course of lectures is provided at present, but an examination will be held annually in Hygiene, Educational Psychology, and the Principles of Secondary Education. The examinations need not be taken in the same year, but candidates will not be admitted to the examination in the Principles of Secondary Education unless in a previous year they have passed the examination in Education as prescribed for the ordinary degree of Bachelor of Arts.

1. HYGIENE.

Text Book :

Porter. *School hygiene and the laws of health*. Longmans, Green & Co.

2. EDUCATIONAL PSYCHOLOGY.

Text Books :

- Rusk. *Experimental education*.
 Monroe, Kelly and de Voss. *Educational tests and measurements*.

3. PRINCIPLES OF SECONDARY EDUCATION.

(i.) General organisation of Secondary Schools.

Text Books :

- Norwood and Hope. *Higher education of boys in England*.
 Burstall. *English high schools for girls*.

(ii.) Principles of teaching methods with respect to one of the following subject groups in which the candidate has adequate knowledge :

- English and History.
 Classics.
 Modern Languages.
 Science and Geography.
 Mathematics.

4. PRACTICAL TEACHING.

(i.) Candidates are to spend not less than eighty hours in teaching in a secondary school, under such supervision as the Council may require. Candidates must present a diary of the work done and detailed notes on at least twenty lessons.

(ii.) Thereafter candidates must spend at least three years in teaching and secondary school approved by the Council, and give such evidence of skill in teaching and of power in control as the Council may require.

5. THESIS.

Candidates are also required to write a thesis on the methods of teaching a subject selected from one of the divisions named in paragraph 3 (i) above. The subject to be dealt with, the literature to be studied, and the probable length of the thesis, 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 thesis.

The thesis may not be presented until the conditions prescribed in paragraph 4 above have been fulfilled.

 MATHEMATICS.
30. First Year Course in Pure Mathematics.**Compulsory Mathematics for the B.Sc. Degree.**

A course of lectures is given annually.

(Students who have passed the Higher Public Examination in Pure Mathematics are exempt from attendance at this course of lectures and from the examination).

Fee for the course, including the fee for examination, £3 3s., or £1 1s. per term.

Subjects of examination :

- (a) Elementary solid geometry ;
- (b) The elements of algebra ;
- (c) The elements of trigonometry ;
- (d) Elementary analytical geometry of the straight line and circle.

Text-books recommended :

- Jackson, *Elementary solid geometry* ;
- Barnard & Child, *A new algebra*, vol. II.
- Carshaw, *Plane trigonometry* ;
- Schmall, *A first course in analytical geometry*.

Students will also require a copy of Cargill G. Knott's (or other) *Four-figure mathematical tables*.

31. Second Year Course in Pure Mathematics.

A course of lectures is given annually.

Before commencing this course students must have passed in first year Pure Mathematics (30), or have received exemption therefrom.

Fee for the course, including the fee for examination, £3 3s., or £1 1s. per term.

Subjects of examination :

- (a) The elements of the infinitesimal calculus, including the simplest differential equations of the first and second order ;
- (b) The elements of analytical and differential plane geometry.

Text-books recommended :

- G. W. Caunt, *Introduction to the infinitesimal calculus* ;
- C. N. Schmall, *A first course in analytical geometry*.

32. Third Year Course in Pure Mathematics.

Fee for the course, including the fee for examination, £4 4s., or £1 8s. per term.

- (a) The elements of pure geometry and of the analytical and differential geometry of plane curves ; the elements of analytical solid geometry (the straight line and plane).

A course of lectures (two hours a week) is given annually.

Text-books recommended :

- E. H. Askwith, *Pure geometry* ;
- E. H. Askwith, *Analytical geometry of the conic sections*.

- (b) The elements of the theory of convergent series and of the infinitesimal calculus, including differential equations.

A course of lectures (two hours a week) is given annually.

Text-books recommended :

- G. H. Hardy, *Pure mathematics* ;
- D. A. Murray, *Introductory course in differential equations*.

33. First Year Course in Applied Mathematics.

A course of lectures is given annually.

(Students who have passed the Higher Public Examination in Applied Mathematics are exempt from attendance at this course of lectures and from the examination).

Fee for the course, including the fee for examination, £3 3s., or £1 1s. per term.

Subjects of examination :

Elementary dynamics, statics, and hydrostatics.

Text-books recommended :

S. L. Loney, *Elements of statics and dynamics*.

S. L. Loney, *Elements of Hydrostatics*.

34. Second Year Course in Applied Mathematics.

A course of lectures is given annually.

Before commencing this course students must have passed in first year Applied Mathematics (33), or have received exemption therefrom. They must also take, contemporaneously with this course, the second year course in Pure Mathematics (31), unless they have previously passed in that subject.

Fee for the course, including the fee for examination, £3 3s., or £1 1s. per term.

Subjects of examination :

Elementary dynamics (including the most elementary portions of two-dimensional rigid dynamics), statics and hydrostatics, treated with the aid of the elements of analytical geometry and of the infinitesimal calculus.

Text-books recommended :

R. J. A. Barnard, *Elementary dynamics of the particle and rigid body*.

J. Greaves, *Elementary statics*.

J. Greaves, *Elementary hydrostatics*.

35. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

Candidates for the degree of B.A. or B.Sc. with honours in mathematics will be required :

1. (a) To attend (or to obtain exemption from) the lectures of the first year course in Pure Mathematics (30), and one hour a week in addition.

Additional subject : Algebra and trigonometry.

Text-book recommended :

W. P. Milne, *Higher algebra*.

Students will also find useful Hardy's *Pure mathematics*.

- (b) To attend (or to obtain exemption from) the lectures of the first year course in Applied Mathematics (33).

2. (a) To attend the lectures of the second year course in Pure Mathematics (31), and one hour a week in addition.

Additional subject : Pure geometry.

Text-books recommended :

- E. H. Askwith, *Pure geometry* ;
 J. N. G. Filon, *Projective geometry* ;
 G. B. Mathews, *Projective geometry*.

- (b) To attend the lectures of the second year course in Applied Mathematics (34), and one hour a week in addition.

Additional subject : Spherical trigonometry and astronomy.

Text-books recommended :

- Todhunter & Leathem, *Spherical trigonometry* ;
 R. W. Chapman, *Astronomy for surveyors*.

3. (a) To attend the lectures of the third year course in Pure Mathematics (32), and, in addition, a course of lectures (two hours a week) on the more advanced portions of the infinitesimal calculus.

- (b) To attend a course of lectures (two hours a week) in applied mathematics.

Text books recommended :

- Routh, *Analytical statics*, vol. I. ;
 Loney, *Dynamics of a particle and of rigid bodies* ;
 Besant and Ramsey, *Hydromechanics*, pt. I.

4. To attend a course of lectures (one hour a week each) in

- (a) Analytical and differential geometry of three dimensions.

Text-book recommended :

- R. J. T. Bell, *Analytical geometry of three dimensions*.

- (b) The theory of functions of a complex variable.

(No suitable text-book is at present available).

- (c) One other subject to be determined, subject to the consent of the professor, by the candidate.

The examination will be in two parts, which may be taken in the same year, but preferably in different years.

Part I., paper 1—Algebra, trigonometry, pure geometry ;

2—Elementary applied mathematics ;

3—Elementary analytical geometry and infinitesimal calculus.

Part II., paper 1—Infinitesimal calculus and differential equations :

2—Analytical geometry ;

3—Applied mathematics ;

4—Applied mathematics ;

5—Theory of functions and special subject.

There will also be an essay paper.

It will be possible for a candidate to obtain honours, but not first class honours, without attempting paper 5 of part II.

N.B.—Special provision will be made for candidates who matriculated before 1921. Such candidates should consult the professor as to their course.

36. Mathematics for the Degree of M.A. with honours in Mathematics.

Students who have obtained the degree of B.A. with honours in mathematics may proceed to the degree of M.A. with honours in mathematics. Such students 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; students 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 will be expected from those candidates who select only one subject than from those who select two.

1. Algebra, including theory of equations and theory of invariants ;
2. Geometry ;
3. The theory of groups ;
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 ;

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 of M.A. with honours in mathematics will not be 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.

The thesis must be presented not later than the fifteenth day of September in any year.

PHYSICS.

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

37. First Year Course in Physics. Compulsory Physics for the B.Sc. Degree.

A course of lectures and of laboratory work is given annually.

Subjects of examination :

The professor's lectures, of which printed outlines are obtainable at a cost of five shillings for the year's course of lectures.

The following books are recommended for additional reading and consultation :

Millikan and Gale, *A First Course in Physics.*
Watson, *A Text-book of Physics or Intermediate Physics.*
Duncan and Starling, *A Text-book of Physics.*

38. Second Year Course in Physics.

A course of lectures and of laboratory work is given annually.

Before taking this course, students must have passed the examination in the first year's course in Pure Mathematics (No. 30).

Subjects of examination :

The professor's lectures and the following text-book :
Watson, *A Text Book of Physics.*

Reference book for practical work :

Glazebrook and Shaw, *Practical Physics.*

39. Third Year Course in Physics for the B.Sc. Degree.

A course of lectures and of laboratory work is given annually. Before taking this course students must have attended lectures and passed the examination of the second year's course in Pure Mathematics (No. 31).

Subjects of examination :

The professor's lectures.

The following books are recommended for reading and reference :

Edser, *General Physics.*
Edser, *Heat.*
Edser, *Light.*
Starling, *Electricity and Magnetism.*
Watson, *A Text-book of Practical Physics.*

40. Third Year Course in Physics for the Diploma in Applied Science.

Subjects of examination :

Those portions of the third year's course of lectures and of laboratory work (No. 39) which deal with Heat, Electricity, and Magnetism.

41. Physics for the Honours Degree of B.Sc.

Candidates for the Honours degree B.Sc. must first attend and pass in all lectures and laboratory work required for the Ordinary degree, including second year's course in Pure Mathematics (31); and must attend the full course of lectures and of laboratory work in Chemistry, Part II., (46) and (48); and in addition must first attend lectures in the third year's course in Mathematics for the B.Sc. degree (32).

They shall then give their full attendance for an entire academic year to a special course of lectures and laboratory work, and to the study of the hereunder prescribed text-books.

The fee for this special course of lectures and laboratory work is £18 18s.

Text-books recommended for the course in Honours Physics :

Edser, *General Physics*.

Barton, *A Text-book of Sound*.

Poynting and Thomson, *Heat*.

Wood, *Physical Optics*.

Abraham u. Föppl: *Theorie der Elektrizität I.*

Planck, *Thermodynamics*.

CHEMISTRY.

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

45. Compulsory Part i Chemistry B.Sc. Course, Inorganic Chemistry B.D.S., and B.A., and M.A. Course, and Chemistry I. Course for Diploma in Applied Science.

A. LECTURES. This course is given annually and is completed in one year.

Subjects of examination :

Properties of gases. Thermometry. Latent heat and production of cold. Distinction between physical and chemical properties. Chemical action. The atomic theory. Laws of combination. Atomic and molecular weights. Valency. Periodic law. Law of Dulong and Petit.

Elementary Chemistry of the following substances :

Hydrogen, oxygen, ozone, water. Hydrogen peroxide. Nitrogen and its oxides. Nitrous acid. Nitric acid. The atmosphere. Ammonia and its compounds. Hydroxylamine, hydrazine, hydrazoic acid. Carbon and its oxides. Carbonic acid and carbonates. Methane, ethylene, acetylene, and allied hydrocarbons. Combustion and structure of flame. Chlorine, bromine, iodine, and their oxides and derived acids. Fluorine and hydrofluoric acid. Sulphur, its oxides

and derived acids, the thionic acids excepted. Sulphuretted hydrogen. Sulphur chlorides. Carbon bisulphide. Phosphorus, its oxides and derived acids. Phosphoretted hydrogen. Phosphorus chlorides.

Arsenic and antimony, their oxides, hydrides, chlorides, sulphides, and derived acids.

Silicon and boron and their oxides, hydrides, chlorides, and derived acids.

Helium, argon and other similar gases.

The Elementary Chemistry of the following metals :

Sodium, potassium, lithium. Copper, silver, gold. Calcium, strontium, barium, radium. Magnesium, zinc, cadmium, mercury. Aluminium, tin, lead. Bismuth. Chromium, molybdenum. Manganese, iron, cobalt, nickel, platinum.

An elementary statement of the principal facts and theories of solution and electrolysis. The elements of spectrum analysis.

B. PRACTICAL CHEMISTRY. This course is given annually and is completed in one year.

The practical work will consist of the qualitative analysis of simple salts and simple mixtures of salts, excluding phosphates insoluble in water and silicates.

EXAMINATION. The examination in compulsory Chemistry includes *both* theoretical and practical chemistry. These cannot be taken separately in the first instance, but candidates who have passed in either theoretical or practical Chemistry may apply to be exempted from further examination in that branch of the subject in which they have passed.

Fees : For the course of lectures, £2 2s., or 14s. per term.

For practical work, 1st and 2nd terms, £2 2s. per term.

Books recommended :

Introduction to the study of Chemistry, Rensen. Students proceeding to more advanced courses in Inorganic Chemistry should get Newth's Inorganic Chemistry or Introduction to General Inorganic Chemistry by Alexander Smith. Qualitative Chemical Analysis, Inorganic, Chapman Jones.

46. Theoretical Chemistry Part ii. B.Sc. Course, Chemistry II. Course for Diploma in Applied Science, and Inorganic and Physical Chemistry for Agricultural Course.

LECTURES. This course is given annually and is completed in one year.

Before taking this course students must have passed the examination in Compulsory Physics (No. 37), or satisfy the Professor that he has a sufficient knowledge of Physics to profit by the lectures.

A more detailed study of the subjects of Compulsory Chemistry and the Elementary Chemistry of rubidium, caesium, titanium, zirconium, tungsten, molybdenum, vanadium, selenium, tellurium, radium, and the platinum group of metals.

The elementary study of the theory of gases, the atomic theory, and the determination of atomic and molecular weights. Valency. The periodic law. Solutions. Thermo-chemistry. Electrolysis. Mass action. Dissociation. Chemical affinity.

Fee, £3 3s. ; or £1 1s. per term.

Books recommended :

Inorganic Chemistry. Newth, or Introduction to General Inorganic Chemistry by Alexander Smith. Systematic Inorganic Chemistry, Caven and Lander. Introduction to Physical Chemistry, Walker.

For consultation, Elements of Physical Chemistry, Jones ; Roscoe and Schorlemmer's Chemistry.

47. Theoretical Chemistry Part iii. B.Sc. and Practical Chemistry Course.

This course is given when required and is completed in one year.

Elementary and Advanced Organic Chemistry, including both the fatty and aromatic compounds.

Students will not be allowed to take this course unless they have previously taken the elementary course in Organic Chemistry (No. 51).

Fee, £4 4s. ; or £1 8s. per term.

Books recommended :

Organic Chemistry, Berntsen.

Organic Chemistry, Holleman.

Organic Chemistry, Wade.

For consultation, Roscoe & Schorlemmer's Chemistry.

48. Practical Chemistry Part II. B.Sc. Course, and Practical Chemistry ii. Course for Diploma in Applied Science.

This course is given annually and is completed in one year.

Students cannot take this course unless they have passed the examination in Compulsory Chemistry (No. 45).

The qualitative analysis of more complex mixtures, including phosphates, silicates, and cyanides ; the qualitative analysis of alloys and substances containing carbon, silicon, selenium, tellurium, vanadium, tungsten, molybdenum, platinum, gold, titanium, and uranium.

The gravimetric estimation of aluminium, iron, calcium, magnesium, and sulphuric acid in pure salts.

Analysis of magnesian limestone.

Complete analysis of crystallized copper sulphate.

The volumetric determination of iron by dichromate solution, the use of iodine and thio-sulphate solutions, and the volumetric estimation of calcium by permanganate solution. Acidimetry. Alkalimetry.

Fee, £10 10s. ; or £3 10s. per term.

49. Practical Chemistry Part III. B.Sc. Course.

This course is given when required and is completed in one year.

Qualitative and quantitative analysis of both inorganic and organic substances, preparations of pure substances, determinations of melting and boiling points, vapour densities, molecular weights, etc.

Fee, £12 12s.; or £4 4s. per term.

50. Practical Chemistry for Agricultural Course.

This course extends over one year. Fee for the course, £12 12s.; per term, £4 4s. The practical work will consist of the qualitative analysis of mixtures containing phosphates and silicates and selected organic substances (the same as those in Syllabus No. 52), and also of acidimetry, alkalimetry, simple gravimetric and volumetric analysis, and the analysis of manures, soils, etc.

51. Theoretical Organic Chemistry, M.B., B.A., M.A. Degrees, and Agricultural and Forestry Courses.

This course is given annually and is completed in the first two terms of the year.

Separation and purification of organic compounds. Methods for determination of carbon, hydrogen and nitrogen. Calculation of formulae from results of analysis. Structural and graphic formulae.

Homologous Series. The methane series and its halogen derivatives. Also the derived alcohols, ethers, aldehydes, acids, acid chlorides, acid anhydrides, ethereal salts, ketones, mercaptans, thioethers, sulphonic acids.

Cyanogen, complex cyanides, hydrocyanic acid, alkyl cyanides, isocyanides, cyanates, isocyanates, thiocyanates, and isothiocyanates. Fulminates.

Amines. Nitro and nitroso-compounds, oximes. Phosphorus, arsenic and organo-metallic compounds. Glycol and glycerol, and their derivatives. Fats: Dibasic and tribasic acids. Hydroxyacids, especially glycollic, lactic, malic, tartaric, and citric acids.

The sugars, starches, cellulose, dextrine, glycogen, mannitol and dulcitol.

The amino-acids and acid amides, especially glycine, leucine, tyrosine, cyanamide, guanidine, creatine, creatinine, sarcosine, urea, ureides, uric acid, purine, xanthine, theobromine, and caffeine.

The bile acids.

The olefine and acetylene series of hydrocarbons, and a few of their principal derivatives. Maleic and fumaric acids.

Elementary study of the polymethylenes.

The aromatic series. Benzene and its homologues. Their halogen substitution products, and structure. Aniline and the toluidines. Diazonium compounds. Nitro-compounds. Phenols. Picric acid. Benzaldehyde. Benzoic acid. Hippuric acid. Salicylic acid. Gallic acid and tannin.

Quinone. Elementary study of terpenes, camphor, eucalyptol, and menthol.

Brief study of naphthalene and anthracene.

Pyridine and quinoline.

General properties of the alkaloids.

Thiophene, furfural, pyrrole, indole, skatole.

Stereochemistry of carbon compounds, especially of those containing one or two asymmetric carbon atoms, with brief reference to the sugars.

Elementary study of the proteins, and their hydrolysis and synthesis.

Fermentation and enzyme action.

In addition students must attend the first and second term's lectures of the course under No. 46.

Text-book recommended :

Organic Chemistry : Reimsen.

Fee : Lectures, first and second terms, £1 1s. per term.

52. Practical Organic Chemistry M.B. and Forestry Courses.

This course is given annually, and is completed in the first two terms of the year.

Qualitative analysis of mixtures containing not more than two acids and two bases, and not more than one organic acid and one organic base, the organic substances to be selected from the following list :—

Oxalates, acetates, benzoates, salicylates, succinates, tartrates, urates, meconates, gallates, tannates, cyanides, double cyanides, alcohol, starch, cane-sugar, glucose, urea, morphia, quinine, strychnine.

Simple exercises in the preparation, examination, purification of organic compounds.

Fee : first and second terms, £3 3s per term.

53. Practical Chemistry, Second Year B.A. Course.

This course is given annually and is completed in one year. It includes Practical Organic Chemistry M.B. Course, No. 52, and a course on the same lines as Practical Chemistry, Part II., No. 48, but extends over the first and second terms only. Fee : £6 13s. per term for two terms.

54. Chemistry, Honours.

Candidates for the Honours Degree in Chemistry are required to show a more detailed knowledge of the subjects than is required for the pass degree, and to pass a more stringent examination. They will be expected to spend 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.

Students for the Honours Degree in Chemistry pay a fee of £18 18s. a year, or £6 6s. a 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.

GEOLOGY AND MINERALOGY.

55. Geology, Part I.

(For students in Arts, Science, Engineering, Agriculture, and Forestry).

LECTURES—A course of 60 lectures extending throughout the three terms, delivered twice per week.

Cosmical Geology—The Earth, its origin, shape, and relations in the universe.

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, mountain structure, isostasy.

Physiographic Geology—The evolution of Earth forms.

Stratigraphical Geology—The elements of stratigraphy and fossil remains.

LABORATORY WORK—Thirty demonstrations of one hour each, distributed throughout the year, dealing 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 must reserve a further thirty hours for individual practice in examining the collections.

FIELD WORK—There will be six field excursions to places of geological interest near Adelaide. These will be held on Saturdays during session.

APPARATUS—Students need to provide themselves with a specimen bag, geological hammer, pocket lens, penknife, and magnet, to be approved by the Professor.

Books recommended for reference :

Geology of South Australia : W. Howchin.

Text Book of Geology : Lake & Rastall.

Geology for Beginners : W. W. Watts.

Geology, Vol. I. : Chamberlin & Salisbury.

Structural and Field Geology : J. Giekie.

Geological and Topographical Maps and their uses : A. R. Dwerryhouse.

56. Geology, Part II.,

(For students in Arts and Science. That part of the course delivered in the first and second terms is taken also by students in Mining Engineering, Metallurgy, Agriculture, and Forestry).

LECTURES—This course consists of sixty lectures, divided into three equal 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; deposition from solution at normal temperatures; and metamorphism, both thermal and dynamic. The megascopic and the microscopic characters of rocks. The classification of the igneous, sedimentary, and metamorphic rocks; special reference will be made to such as have economic uses, more particularly building stones and road metals, and to the qualities which determine the appropriateness of such applications.

Stratigraphy and Palaeontology—Stratigraphical Geology with special reference to Australasia; elementary Palaeontology, covering an appropriate range of index fossils.

LABORATORY WORK—Sixty demonstrations of one hour each divided evenly into three parts as detailed below, and delivered respectively in the first, second and third terms.

Crystallography and Mineralogy—Crystallography; Blowpipe-Analysis and Determinative Mineralogy. A study of Minerals in the hand-specimen.

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 60 hours occupied by the course of demonstrations, students must reserve a further 20 hours each term for individual practice.

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, platinum pointed forceps, 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 20/- per term.

Text Books:

Elements of Mineralogy, 20th Ed.: F. Rutley, revised by H. H. Read (T. Murbey & Co.)

Text Book of Petrology (Igneous Rocks): F. H. Hatch (Swan Sonnenschein Coy.)

Text Book of Petrology, Vol. II. (Sedimentary Rocks): Hatch & Rastall. (Allen & Co.)

Minerals and the Microscope: H. G. Smith. (T. Murbey & Co.)

Australian Fossils: F. Chapman. (G. Robertson Co.)

For reference :—

- Geology of South Australia* : Howchin.
Geology of Victoria : Gregory.
Geology of New South Wales : Stüssmlich.
Geology of Queensland : Jack & Etheridge.
Geology of New Zealand : Marshall.
Text Book of Mineralogy : Dana.
Mineralogy, Crystallography, and Blow-pipe Analysis (Moses & Parsons).
Petrology for Students : Harker (5th ed.)
Physiography : Salisbury.
Palaeontology : Woods.

57. Geology and Mineralogy—Part III.

(For Third Year students in Science.)

LECTURES : This course will consist of one hundred and twenty lectures delivered regularly throughout the three terms, covering the following range :

- Crystallography*—Weiss's zone law and its application : stereographic and gnomonic projection ; a survey of the thirty-two systems ; crystalline structure and chemical constitution.
- Optical Mineralogy*—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.
- Stratigraphy*—The major formations contributing to the structure of the Earth's crust.

LABORATORY WORK : Ninety demonstrations of one hour each distributed throughout the year. Students must spend a further 270 hours in the laboratory occupied with individual work.

- Crystallography*—The projection and drawing of crystals ; the measurement and plotting of crystals by the use of the reflecting theodolite goniometer ; the calculation of face indices and crystal elements.
- Optical Mineralogy*—The determination of refractive index, birefringence, optic orientation, optic sign, dispersion, and optic axial angle.
- Petrology*—A course of microscopic petrology covering the principal rock types. Quantitative analysis of the mineral composition of rocks by means of the microscope. The quantitative chemical analysis of rocks.

FIELD WORK—Students must occupy themselves in the field for at least ten days in the year.

Text Books :

- Crystallography and Practical Crystal Measurements* : A. E. H. Tutton. (Macmillan).
Rock Minerals (2 vols.) : J. P. Iddings. (Wiley).
Igneous Rocks : J. P. Iddings. (Wiley).
The Natural History of Igneous Rocks : A. Harker. (Methuen).
The Principles of Stratigraphy : A. W. Grabau.

For Reference :—

- Igneous Rocks and their Origin*: Daly.
The Fundamental Principles of Petrology: Weinschenk.
The Determination of Rock Forming Minerals: Johannsen.
A Manual of Petrographic Methods: Johannsen.
Metamorphic Geology: Leith & Mead.
Die Crystallin Schiefer: Grubenman.
Text Book of Geology: Pirsson & Schuchert.
Geology, 3 vols.: Chamberlin & Salisbury.
Crystalline Structure and Chemical Constitution: Tutton.
Earth Features and their Meaning: Hobbs.
The Face of the Earth, 4 vols.: Sness. (Trans. by Sollas.)

PALAEONTOLOGY.

Arrangements will be made, when required, for the delivery of a course of lectures and laboratory work in Systematic Palaeontology of an advanced grade.

This will rank as a part of the Part III. Course, and may be substituted for the Crystallography section.

58. Geology and Mineralogy—Honours Course.

Candidates for the Honours Degree are required to pass a more stringent examination in the Part III. course, and to submit an approved piece of original work. They are further required to attend lectures, and pass the examinations in the three special courses (Geology 59, 60, and 61). Evidence is required of having spent at least twenty-one days in field work.

59. Mining Geology.

This course, the course in Part I. (55), and the first two terms' lectures and laboratory work of Part II. (56), complete the requirements in Geology and Mineralogy for students in Mining Engineering.

LECTURES—Twenty lectures to be delivered in the third term of the year dealing in greater detail with the more important economic mineral products including ores, fuels, fluxes, and refractories. The significance of deleterious impurities and the standards specified for various ores of the metals and for marketable non-metallic mineral substances. The genesis and classification of ore deposits. The localization of ore shoots. Secondary processes and their results. Metallogenic provinces and metallogenic epochs. Prospecting operations.

LABORATORY WORK—Twenty demonstrations covering a more extended course of microscopic petrology and dealing particularly with ore deposits and associated country rocks. Students must reserve a further 20 hours for individual practice.

FIELD WORK—Students will be expected to attend at least one excursion to inspect a mineral vein formation adequately exposed by mining operations.

Text Books :

The Geology of Ore Deposits : Thomas & McAllister. (Arnold).

For Reference :

Mineral Deposits (revised ed.) : Lindgren.

Economic Geology : Ries.

The Principles of Economic Geology : Emmons.

Ore Deposits (2 vols.) : Beyschlag, Vogt & Krusch (trans. by Truscott).

The Nature of Ore Deposits (2 vols.) : Beck (trans. by Weed).

Microscopical Examination of Ore Minerals : Davey & Farnham.

The Microscopic Determination of the Opaque Minerals : Murdoch.

60. Engineering Geology.

This course, and the course in Geology Part I. (55), complete the requirements in Geology for students in Civil Engineering.

A course of twenty 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, building stones, road metals ; clays, sands, limes, cements, plasters, etc.

Text Books :

Engineering Geology : Ries & Watson. (Wiley).

For reference :

The Geology of Building Stones : J. A. Howe.

Water Supply : R. E. Middleton.

Coast Erosion and Protection (2nd ed.) : E. R. Matthews.

Shore Processes and Shore Line Development : D. W. Johnson.

61. Agricultural and Forest Geology.

This course, the course in Part I. (55), and the first two terms' lectures and laboratory work of Part II. (56), complete the requirements in Geology and Mineralogy for students in Agriculture and Forestry.

A course of twenty lectures to be delivered in the third term of the year dealing with the processes and effects of rock-weathering and soil formation ; natural fertilizers ; underground waters, climate in relation to the formation and fertility of soils.

Text Book :

Rocks, Rock Weathering, and Soils : Merrill.

For reference :

Forest Physiography : Bowman.

The Soil : Hall.

Rocks and Soils : Stockbridge.

Agricultural Geology : Emerson.

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.

62. Elementary Botany. Compulsory for students taking Botany as a final subject for B.Sc. (Ordinary), Agriculture, or Forestry. Elementary Botany for B.A. and M.A. course.

I. A course of two lectures a week throughout the session will be given annually, 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.

Hours of lectures, Mondays, Wednesdays, and, in the first term, Fridays, at 12 noon.

II. PRACTICAL WORK for the above course will be two periods of two hours per week throughout the session.

Hours of laboratory work, Tuesdays and Thursdays, 11 a.m.—1 p.m., and, in the first term, Wednesdays, 2—4 p.m.

Books recommended:

Structural Botany. D. H. Scott. Vols. I and II.
 Flora of South Australia. Tate.
 Naturalized flora of S.A. J. M. Black.
 Practical Botany for Beginners. Bower & Gwynne-Vaughan.

For reference: A text book of Botany. Strasburger. 1912 Edition.

Plant Life: J. B. Farmer.

The Life of the Plant: C. A. Timiriacheff.

Fees—Lectures, £2 2s. for the course, or 14s. per term.

Practical work, £4 4s. for the course, or £1 8s. per term.

63a. Final Botany for the Ordinary Degree of B.Sc. (2nd and 3rd years).

The course in Botany for the ordinary degree extends over two years after passing in compulsory Botany (62). The course is divided into two parts, A and B, which are given in alternate years. There is an examination at the end of the first year of the course, but at the final examination candidates will be examined in the subject matter of the whole syllabus. Students may begin the course with either part A or B. Part B will be given in 1921.

I.) PART A—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, more particularly those of economic importance.

PART B.—The anatomy, morphology and phylogeny of the Algae, Bryophyta and Pteridophyta (recent and fossil). The biology and reproduction of the Fungi, parasitism, and saprophytism. Plant pathology.

II. PRACTICAL WORK extending over nine hours per week throughout the course will be arranged in connection with the lectures. Students will 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 will be performed and excursions arranged to study the subject in the field.

Text-books :

A Text-book of Botany. Strasburger, trans. Lang, 1912.

For part A.—Physiological Plant Anatomy. Haberlandt.

Plant Physiology. Duggar.

Manual and Dictionary of Flowering Plants and Ferns
Willis.

For part B.—Origin of a Land Flora. Bower.

Fungus Diseases of Plants. Duggar.

Fees—Lectures, second year, £1 1s. per term; third year, £1 8s. per term.

Practical work, second year, £3 3s. per term; third year, £3 3s. per term.

63b. Final Botany for the Ordinary Degree of B.A. (2nd year).

Students taking this course attend the lectures and practical work of either Part A or Part B, as prescribed for the degree of B.Sc. under 63a.

64. 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 Pass degree, and to pass a more stringent examination. They will be expected to spend all the time not necessarily devoted to lectures in the laboratory. They will be expected to attend such lectures and pass such examinations in Chemistry as the Professor of Botany shall deem necessary. It will ordinarily be necessary that the Chemistry be taken before the final year's work in Botany.

Books recommended :

Those set out under 63 and the following:—

- Pfeffer's Plant Physiology. Ewart.
 Jost's Plant Physiology. Gibson.
 Soil Conditions and Plant Growth. Russell.
 Ecology of Plants. Warming.
 Studies in Fossil Botany. Scott.
 Organography of Plants. Goebel.
 Algae. West.
 Mosses and Ferns. Campbell.
 Morphology of Gymnosperms. Coulter & Chamberlain.
 Morphology of Angiosperms. Coulter & Chamberlain.

Further reading will be 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 £18 18s. a year, or £6 6s. a term.

65a. Agricultural Botany. Compulsory for students in Agriculture.

A course of lectures and practical work extending over two terms will be given for students taking Agriculture for the B.Sc. degree. There will be two lectures and six hours practical work per week. The course is divided into two parts, which in some cases may be taken by students independently. The course set out under No. 62 must be taken first.

- (1) *Plant Pathology and Mycology* taken in the first term. The more important diseases of plants cultivated in South Australia and their treatment. Outlines of the classification of fungi. The laboratory work will comprise an examination of specimens dealt with in the lectures, and elementary instruction in the preparation of media and growth of fungus organisms.
- (II) *Plant Physiology* given in the second term. The lectures will deal specially with the nutrition of plants and plant breeding. In connection with the lectures a course of experimental work in the laboratory will be arranged.

Text-books: Fungus diseases of Plants. B. M. Duggar (Ginn & Co., N.Y.)
 Plant Physiology. B. M. Duggar (The Macmillan Co.)
 Soil Conditions and Plant Growth. Russell.

Fee for the course, £6 6s. or £3 3s. per term.

65b. Forest Botany. Compulsory for students in Forestry.

A course of lectures and practical work will be given for those students taking the Forestry course. There will be two lectures and three hours practical work per week during the third term. The course will deal with

the characteristic anatomical and physiological features of the native forest trees and cultivated exotics in South Australia, both in their mature and seedling stages. The systematic position of such trees. The course set out under No. 62 must be taken first.

This course will be given from time to time as occasion demands. It will be taken during the year following the course in Elementary Botany set out under No. 62.

Fee for the course, £2 2s.

BIOLOGY.

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

66. Elementary Biology (for the Degrees of B.Sc. and B.A.).

This course is intended to provide a general introduction to the elementary facts concerning the structure, life processes, and reproduction of living organisms.

It is divided into two parts, which (except as provided for in Regulation II. of the Degree of B.Sc., paragraph 4) must be taken together.

Candidates must present themselves for both parts at the same examination, and pass in both parts.

Fees: For Lectures, £2 2s., or 14s. per term
Practical work, £4 4s., or £1 8s. per term.

PART I.—PLANTS.

(a) The general structure, physiology, and life story of—

Haematococcus, spirogyra, saccharomyces, and bacteria.

The outlines of the reproduction and life cycle of the fern and the pine.

(b) 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, fertilisation, and development of the seed and fruit. Germination of the wheat and bean.

c) General outlines of the physiology of nutrition, respiration, secretion, growth, and irritability. Reproduction, heredity, variation, and evolution.

d) The phenomena of saprophytism as illustrated by saccharomyces, mucor, and bacteria; parasitism, illustrated by puccinia. Pathology of the organism.

The lectures will take place on Mondays, Wednesdays, and Fridays, at 12 noon.

The laboratory work will take place on Mondays and Thursdays, 2 to 5 p.m.

Text-books :—

Structural Botany ; Scott.

Practical Botany for Beginners : Bower and Gwynne-Vaughan.

For reference :

Text-book of Botany : Strasburger tr. Lang, 1915.

Plant Life : J. B. Farmer.

PART II.—ANIMALS.

This course will include :—

- (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 fundamental facts of vertebrate morphology as illustrated by the frog and the rabbit or mouse.
- (c) The histological characters of the blood, epidermal and connective tissue 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.

The lectures and demonstrations will take place during the second and third terms, on Mondays and Thursdays, from 2 to 5 p.m.

Text-books :

Elementary Biology : Parker.

The Elementary Principles of General Biology : J. F. Abbott.

The Frog—an Introduction to Anatomy and Histology : Milnes Marshall (ed. by F. W. Gamble).

Anatomy of the Rabbit : Bensley.

Essentials of Histology : Schäfer.

(In each case the latest edition).

PHYSIOLOGY.

67. Physiology (for the Degree of M.B.)

For particulars refer to the Syllabus of the Medical Course on p. 64*.

68. Physiology (for the Degree of B.A.)

This course of Physiology will extend over three terms, as follows :—

1. A course of lectures and practical work in Histology, consisting of three lectures and two periods of laboratory work per week during the first term and one period of laboratory work per week during the second term.

2. A course of lectures and practical work *either* (a) on Physiology of the Blood, Circulation, Respiration, Mechanisms of Digestion and Secretion, *or* (b) on the physiology of the neuro-muscular system, Brain and Special Senses. In either case the course will consist of three lectures and one period of laboratory work per week during the second term. Students who are also taking Psychology are recommended to choose the lectures in part b, but whichever course of lectures and practical work may be taken, students will be expected to acquire a knowledge of the subject matter of both courses so far as they are dealt with in Bainbridge and Menzies' "Essentials of Physiology".
3. A course of lectures on the Elements of Nutrition, consisting of two lectures per week in the third term.

Fee for the whole course—

Lectures (three terms), £4 14s. 6d., or £1 11s. 6d. per term.

Practical work (two terms), £6 6s., or £3 3s. per term.

Text-books :

The latest editions of

Essentials of Physiology: Bainbridge and Menzies.

Essentials of Histology: Schäfer.

69a. Physiology (for the Degree of B.Sc. Pass).

This course will extend over six terms.

It will comprise the course set forth under 67 on p. 64*, and, in addition, candidates will be required to undertake an extended course of reading and laboratory work, which will be prescribed by the Professor.

Before being credited with a pass in this subject, candidates must have attended a course of lectures on, and have passed an examination in, Physical and Organic Chemistry.

Fees: First year—Lectures (three terms), £4 14s. 6d., or £1 11s. 6d. per term.

Practical work (three terms), £9 9s., or £3 3s. per term.

Second year—Lectures (two terms), £4 4s., or £2 2s. per term.

Practical work (three terms), £9 9s., or £3 3s. per term.

Text-books.—Those recommended under 67 on p. 64*.

69b. Physiology (for the Degree of B.Sc. Honours).

This course will extend over six terms.

It will comprise the courses set forth under 67 on p. 64* and, in addition, candidates will be 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 attend lectures and pass examinations in

Physical and Organic Chemistry. It is expected that Students will devote all their time not necessarily occupied in lectures, to work in the Physiological and Biochemical Laboratories; and they will be required to participate in experimental work of a research character under the direction and supervision of the Professor.

Students for the Honours Degree in Physiology and Biochemistry pay a fee of £18 18s. a year, or £6 6s. a term. These fees include the fee for the pass work set out under 69a.

Text-books:

Those recommended under 67 on p. 64*, and, in addition,

Principles of Human Physiology: Starling.

The Science of Nutrition: Lusk.

Physiology and Biochemistry in Modern Medicine: Macleod.

The Physical Chemistry of the Proteins: Robertson.

Quantitative Laws in Biological Chemistry: Arrhenius.

Forced Movements, Tropisms, and Animal Conduct: Loeb.

Practical Organic and Biochemistry: Plimmer.

AGRICULTURE.

70. Special Course in Agriculture, Viticulture, and Oenology.

This Course will extend over two years. Fee, for tuition with board and residence, £30 per annum, payable pro rata at the beginning of each Session.

SCHEDULE.

Students are required to attend at Roseworthy Agricultural College for two complete years, and take the ordinary College Course in the following subjects as outlined in the published Prospectus of the College:—

- (a) The principles and practice of agriculture
- (b) The principles and practice of fruit culture
- (c) The principles and practice of dairying
- (d) Elementary veterinary science
- (e) Agricultural chemistry (for one year only)
- (f) Surveying and levelling
- (g) Wool-classing
- (h) Principles and practice of viticulture
- (i) Principles and practice of wine-making.

FORESTRY COURSE.

COMPULSORY SUBJECTS—Note: Candidates for the degree of B.Sc. in Forestry must fulfil the conditions in Regulation II. of the B.Sc. degree.

71a. Chemistry.

Physical Chemistry, first term only. Part of course set out under 46
Fee for the course, £1 1s.

Organic Chemistry, Theoretical and Practical, as set out under 51 and
52. Fee for the course, £8 8s.

Geology.

The Course as set out under No. 61 Agricultural and Forest Geology.

65b. Forest Botany.

This course will be completed in one term, and lectures and practical work will occupy three hours a week. Fee, £2 2s.

The characteristic anatomical and physiological features of the native forest trees and cultivated exotics in South Australia both in their mature and their seedling stage.

The systematic position of the above trees.

The course will be taken during the year following the course in Elementary Botany set out under No. 62. It will not be given in 1920.

71c. Forest Entomology.

The course will be completed in one term; fee, £3 3s.

General insect structure. The detailed anatomy of a typical insect. Development and metamorphosis of insects. Classification of insects with the chief characters of each order. The general principles which tend to increase or to discourage insect attack. Insectivorous birds and mammals, parasitic insects, fungi parasitic on insects; fumigation of nursery stock, insecticides. The general relation of insects to plants.

Forest insects studied in detail under the following heads:—

- (a) Life history of insects and their recognition in various stages.
- (b) Nature and extent of damage, with recognition of the pest by its mode of damage where possible.
- (c) Method of prevention of attack.
- (d) Remedies in cases of attack.
- (e) Measures for extermination.
- (f) Methods of planting, cultivation, and felling of forest crops, pure and mixed, in relation to insect life.
- (g) Insects, as harmful physiologically to growing crops and technically to felled and stored timber.

71d. Surveying and Drawing.

This course will be taken at the S.A. School of Mines. Fee for the course, £2 2s.

Location of points, measurement of distances, errors in chaining, use of ranging poles, field notes, chain surveying offsets. Measuring angles, theodolite, transit and Y. Use and adjustment. Bearing. Cross staff, optical square. Closing survey, adjustment of error, co-ordinates, traverse tables, permissible error. Area by double longitudes. Compass, variation, dip, prismatic compass, traversing, local attraction. Levelling, dumpy and Y levels, use and adjustment, levelling rods, target rods, field notes, bench marks, cross sections, contour lines. Abney level, clinometer, Brunton transit, barometer, plane table. Plotting survey. McBride square, protractor method, offset scales. Conventional signs, areas. Simpson's rule, volumes, prismoidal formula, plotting sections: Miscellaneous problems. Tacheometry, measuring constants, inclined sights, field book. Sextant, use and adjustment, box sextant.

Field work—Complete survey of a small estate, levelling and contouring. Forestry students will also attend the field camp for surveyors held in connection with course No. 107, Surveying II.

Office work—Plotting survey, and contours, calculation of area, use of planimeter.

71e. Forestry.

This course will extend over two years, and is divided into sections A and B, each section being treated in alternate years. Section A will begin in 1921. An examination will be held in both sections at the end of each year if necessary. The lecturer has power to invite students who propose to take up Forestry for the B.Sc. degree to attend the forestry class during their first year.

Fee for the whole course, £15 15s., or £2 12s. 6d. per term.

SECTION A.

- (a) *Sylviculture*. Locality in relation to forests, vegetation, soils. Composition of woods, formation of woods. Nursery work. Natural and artificial regeneration. Sylvicultural systems, tending of woods. Sylvicultural notes on forest trees. Management of woods.
- (b) *Forest management*. Use of hypsometer, callipers, and Pressler's increment borer, slide rule. Financial results of forestry. Preparation of yield tables. Regulation of the yield of forests. Rotation. Working plan. Office procedure.

SECTION B.

- (c) *History of the development of forestry*.
The Woods and Forests Act, 1882, of South Australia.
- (d) *Forest policy*. Utility of forests. The State in relation to forests. Forest policy in Australia and other countries.

- (e) *Forest transportation and engineering.* The setting out and formation of roads for temporary and permanent use. The construction of bridges over streams and gullies, of culverts, of gates, sheds, and sawmills. Wire rope bridges and tramways. Sawmill machinery.
- (f) *Forest protection.* The pathology of trees. Damage done by animals, plants, frosts, sun, wind, shifting sands, and fire. The Bush Fires Act, 1913, of South Australia. Fungi and insects as harmful physiologically to growing crops, and technically to felled and stored timber.
- (g) *Forest utilisation.* Felling and conversion of timber. Industrial uses of wood. Subsidiary industries springing from forestry. Forest fauna. The structure of the more important timbers. Preservation of timber.
- (h) *Administration.*

During the vacations students will work in the Forest, and will there undergo a thorough course of training in practical forestry. The practical course in forestry will rank equally in importance with the theoretical course, and will consist of the routine of a working forester, *i.e.*, nursery work, planting, tending, felling, conversion, and general work about the forest. Each student will also be expected to submit once a month a diary and special reports when requested.

The advanced students will engage in work in connection with cultural experiments, general observation and enquiry, more delicate scientific investigation, working plans and other matters as may from time to time be considered advisable.

In addition to written examinations there will be a practical examination in the field, which may involve a knowledge of any of the subjects in this syllabus.

The following instruments will be required: 10-inch slide rule Abney level, drawing instruments; others will be supplied.

Books:—

J. E. Brown's *Tree Culture in South Australia.*

A. D. Hall, *Chemistry of the Farm.*

A. D. Hall, *Soils.*

Gordon, *Pinetum.* Henry G. Böhm.

Baron von Mueller, *Eucalyptographia.*

Baron von Mueller *Select Extra-Tropical Plants.*

J. H. Maiden, *Useful Native Plants of Australia.*

Sir William Schlich, *Manual of Forestry.* Bradbury, Agnew & Co., Ltd.

Howard Weiss, *Preservation of Structural Timber.* McGraw, Hill Coy., N.Y.

L. H. Bailey, *The Nursery Book.* MacMillan, London.

D. E. Hutchins, *A Discussion of Australian Forestry.* Western Australian Government.

Books, journals, and papers for general reading, which is essential, may be obtained from the University Department of Forestry library.

APPLIED SCIENCE.**73. 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.

TEXT BOOK.—"Kinematics of Machines"—Durley.

74. Strength of Materials.

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.

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.

Riveted 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 iron 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.

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.

Fee for the Course, £4 4s., or £1 8s. per term.

Text-book:

Goodman, *Mechanics Applied to Engineering.*

75. 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 cerussite, 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.

76. Assaying (ii).

METALLURGY COURSE.

The course will consist of the following estimations:—Copper, iron, lime, manganese, and zinc in ores, slags, etc. Assay of gold and silver bullion by dry methods. Assay of 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. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and chalcopryite 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.

77. Assaying (ii).

MINING COURSE.

Determination of iron, lead, copper, zinc, manganese, lime, phosphates.

Assay of working solutions resulting from the cyanide process of extracting gold. Assay of silver bullion by Volhard's method. Assay of gold bullion.

78. Assaying (ii).

ELECTRICAL ENGINEERING, COURSE B.

Acidimetry and alkalimetry. Estimation of copper, zinc, lead; analysis of commercial copper and electrolyte from refining works; electrolytic analysis, bullion assays, and estimation of gold and silver.

79. Assaying (iii).

METALLURGY COURSE.

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.

80. Building Construction (i).

A descriptive course in elementary building construction. The lectures will include the consideration of wall and arch construction in brickwork and

masonry. Joints in brickwork. 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. Excavation. Piling.

The properties of building materials, as brick, stone, lime, mortar, cement, concrete, &c.

TEXT BOOK.—Mitchell's "Elementary Building Construction."

80A. Building Construction (ii.)

80B. Drawings, Specifications, and Quantities,

81. Drawing (i).

GEOMETRICAL DRAWING, including all that is usually taught in this subject up to the construction of the conic sections, the cycloids, volutes, and spiral. Before taking this subject the student should have taken Plane Geometry of the First Grade.

FREEHAND SKETCHING OF PARTS OF MACHINERY.—These sketches have to be made showing plan, elevation, and sections where necessary, so as to give all the information, including dimensions, required to enable a finished drawing of the object to be made from the sketch. Students are expected to have done First Grade Freehand in their primary education.

A course in Solid Descriptive Geometry, including the projection of points, lines, planes, and simple solids, the principles of perspective drawing and isometric projection. Before taking this subject the student should have taken Elementary (Intermediate) Solid Geometry.

TEXT BOOKS.—"Practical Plane Geometry," "Freehand Design," "Elementary Projection."—Harry P. Gill.

81A. Model Drawing and Modelling.

82. Drawing (ii).

A practical course in Mechanical Draughtsmanship, and in the preparation of working drawings of separate parts of machinery.

Copying drawings to the same or different scales.

Sketching and measuring parts of machinery and making complete drawings therefrom.

Tracing drawings for blue printing.

83. Drawing (iii).

A course in Advanced Mechanical Drawing. Taken at the School of Mines.

84. Descriptive Geometry (i).

This course includes problems in envelopes, shades and shadows, interpenetration of solids and oblique projection. Taken at the School of Art.

84A. Descriptive Geometry (ii).

More advanced work in the syllabus of No. 84.

84B. Building Drawing.**84C. Measured Drawing and Sketching.****84D. Drawing from Antique.****85a. Electrical Engineering.**

FELLOWSHIP I.

An introductory set of lectures to the Electrical Engineering Fellowship II. Course, taken also by students in Mining, Mechanical and Civil Engineering Fellowship Courses.

The lectures and demonstrations in this course will be of a general and descriptive character outlining the theory and practice of direct and alternating current work. They will be 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 will be enabled to take proper advantage of what practical experience they may be able to gain in the intermediate vacation.

Text-Books.—

Practical Testing of Dynamos and Motors.—C. F. Smith; and
Dynamo Electric Machinery, Vols. I. and II.—Sheldon & Hausmann; or
Electrical Engineering—Rosenberg.

Reference Books—

Practical Alternating Currents and Alternating Current Testing.—C. F. Smith.
Electrical Engineering in Theory and Practice.—Parr.

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. Tracing A.C. curves by point to point method. Test of transformer and rotary converter. Brake test of induction motor.

85. Electrical Engineering.

FELLOWSHIP II.

Fuller consideration will in this course be 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 previous year will be revised in much greater detail, and at the same time extended.

Text-books :—

- Dynamo Electric Machinery, Vols. I. and II.—Sheldon & Hausmann.
 Practical Testing of Dynamos and Motors—C. F. Smith.
 Alternating Currents.—Lamb.
 Practical Alternating Currents, and Alternating Current Testing.—C. F. Smith.
 Alternating Current Motors.—McAllister.

Reference Books.—

- Dynamo Electric Machinery—
 I. Continuous Current } S. P. Thompson.
 II. Alternating Current }

Journals, such as, Proceedings of Institute of Electrical Engineers Electrician ; Electrical Review, &c.,

LECTURES.

The lectures will be mainly devoted 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, etc., accumulators, arc and incandescent lighting, tramways, motor control, etc., description of modern generators, switchboards, and power stations.

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, motors, rotary converters, frequency converters, synchronous and induction motors, etc., arrangements and grouping of transformers star and mesh, description of modern polyphase machinery, transmission and distribution of power long-distance transmissions and line characteristics, special switchboard arrangements, etc., industrial applications.

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. Choking coils, transformer characteristics and determination of losses and efficiency by different methods, testing of synchronous and induction motors and rotary converters, synchronising, and the running of machines in parallel.

86. Fitting and Turning (i).

Description of various hand tools, with practical work on the filing of flat surfaces to straight-edge and calipers.

Hammers and hammering.

Description of various chisels used, with practice on the chipping of surfaces, cutting key-ways, fitting keys, etc.

Centring 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 12; one steel square; one pair calipers, outside; one pair calipers, inside; one centre punch; one pair spring dividers.

The above set may be obtained at the School of Mines on order.

87. 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.

Turning and fitting to exact gauge, scraping surfaces.

The principles of gearing and the cutting of simple gears in the milling machine.

88. Fitting and Turning (iii).

Cutting multiple thread screws and worms in the lathe. Cutting worm wheels, etc., in the milling machine.

Students will be given special work as they show their fitness for it. Finishing, assembling, and erecting machinery to be put to practical use in the workshops or laboratory.

89. Design of Structures.

The design of typical framed structures in wood, mild steel, and reinforced concrete.

Timber pile bridges. Girders and trusses of various forms. Plate web girders. Continuous girders and cantilever bridges. Stresses in braced piers. Suspension bridges and metal arches. Strength and stability of arches in masonry and concrete. Structures of reinforced concrete—beams, columns, arches, retaining walls. The design of reinforced concrete bridges.

Students will undertake the complete design, with estimates and specifications, of some selected engineering structure.

Fee for the course—£5 5s., or £1 15s. per term.

Text-books :

Engineering Construction in Steel and Timber.—W. H. Warren.

Reinforced Concrete Construction, Vol. III.—G. A. Hool.

90. Machine Design (i).

The design of machine parts.

Shafting. Crank shafts, cranks, journals to resist bending and twisting. Couplings, clutches. Keys, riveted joints. Bolts, nuts, screws, studs. Pipes and pipe connections. Cotters and cottered joints. Bearings and hangers. Roller and ball bearings. Toothed gearing. Friction gearing. Belt and rope gearing. Chains and crane hooks. Springs. Engine parts. Pistons, piston rods, crossheads, guides, connecting rods, eccentrics.

Chimneys, steel and brick. Iron and steel tanks. Thick cylinders.

Text-book : "Machine Design." Spooner.

91. Machine Design (ii).

The design of an engine, of which complete working drawings are to be made.

93. 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 setting. Boiler fittings. Priming. Heating surface and grate area. Combustion. Smoke, and its prevention. Anthracite and bituminous coals. Oil and gaseous fuels. Evaporative capacity. Efficiency of furnace and boiler. The formation of boiler scale, its prevention and removal. Corrosion. Water-tube boilers. Babcock and Wilcox, 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 super-heaters. 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.—Impulse and reaction. De Laval, Rateau, Curtis, Parsons and Ljungstrom turbines. Comparison of the steam turbine and reciprocating engine.

GAS AND OIL ENGINES.—Two and four stroke cycle. Description of some modern engines.

Diesel and semi-Diesel oil engines.

Petrol engines. Carburettors.

Aeroplane engines.

Suction gas producers.

NOTE.—The above course is essentially descriptive and explanatory, and is fully illustrated by lantern slides.

Text-Book.—“Steam and other Engines.” Duncan.

94. 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.

The testing of steam 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.

Reference Book—“The Steam Engine”—Ewing.

PRACTICAL.

An experimental course on the boiler, steam engine, De Laval steam turbine, suction gas engine, oil engine, petrol engine and air compressor.

Gas, oil and petrol engine—Measurement of fuel, indicated and brake horse-power. Measurement of calorific value of fuel.

Boiler, steam engine, and steam turbine—Measurement of coal, fuel, 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.

95. 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 engines.

Humphrey internal combustion pump.

Refrigerating machinery. Cold air machine. Vapour compression machines.

Text Book—Dunkerley—"Hydraulics, Vol. 1."

96. Mechanical Engineering (iv).

A combined experimental and lecture course on some branch of mechanical engineering.

97. Metallurgy (i)—Theoretical.

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. Re-heating 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 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 Angustin 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.

ZINC.—Methods of extracting zinc. Furnaces, retorts, and condensers used. Preparation of ores. Belgian process. Silesian process. Zinc alloys.

TIN.—Principles of tin smelting. Cornish method of smelting. Products. Refining tin. Liquefaction. Boiling. "Tossing." Alloys of tin.

MERCURY.—Old Almaden Aludel furnace. Amalgams.

98. Metallurgy (i).—Practical.

Determination of coke, volatile matter, ash, moisture, and sulphur in coal
 Calorific power of fuels Testing of refractory materials. Treatment of gold
 ores by amalgamation, etc. Treatment of gold ores by the cyanide process.
 Determination of the soluble acidity of an ore and the latent acidity of an ore.
 The consumption of cyanide during treatment and the total extraction of the
 gold. Assay of the cyanide solution resulting from the treatment of the ore
 for gold.

The treatment of pyritic gold ores by the chlorination process.

Preparation of pure silver. Preparation of pure gold. Assay of gold and
 silver bullion.

99. Metallurgy (ii).

INTRODUCTORY.—Thermo-chemistry as applied to metallurgy. Calorimetry.
 Preparation of coke. Gaseous fuels. Gas producers. Pyrometry.

COPPER.—Impurities in copper and their effects on its physical properties.
 Roasting copper ores. Modern reverberatory practice. Blast furnace smelt-
 ing. Modern water-jacketted furnaces—working and products. Machines for
 producing the blast. Pyritic smelting. Bessemerising of copper mattes. The
 Best-selecting process. Kernel roasting. Combined blast, converter, and rever-
 beratory methods practised in modern plants. Electrolytic refining of copper
 and the recovery of the precious metals. Alloys of copper.

LEAD.—Comparison of the chief methods of smelting. Blast furnace
 smelting. Calculations of the charges. Typical slags. Lead fume. Charac-
 ter and approximate composition methods and apparatus for condensation.
 Treatment of lead fume. Pattinsonisation by steam. Parke's process details.
 Modification of Parke's process. Cupellation. Treatment of Doré bullion.

GOLD.—The cyanide process. Chemistry of the process. Cyaniding
 practice. Vacuum filtration. Continuous counter-current decantation. Preci-
 pitation Treatment of the precipitate. The Merrill process. Cripple Creek
 and West Australian practice in treatment of tellurides. The Diehl process.
 Refining and parting of gold bullion.

SILVER.—Roasting silver ores. Outlines of the old Mexican Patio
 process. The Patera and Kiss hyposulphite processes. The Russell process.
 Extraction of silver from burnt pyrites by Claudet's process. Combined
 smelting and wet process for silver ores associated with copper and gold, as
 practised in Colorado. General scheme of smelting for mixed ores. Treatment
 of argentiferous mattes.

IRON AND STEEL.—Materials suitable for various steel-making processes.
 Open hearth steel castings. Composition, physical properties, and uses of the
 various kinds of steel. Case hardening. "Harveyising" armour plates.
 Ferrous alloys and special steels.

OTHER METALS.—Outlines of the metallurgy of the following metals:—
 Zinc, Mercury, Aluminium, Nickel, Cobalt, Platinum, Antimony, Arsenic,
 Bismuth, Tin.

100. Metallurgy (iii).

The subjects of Metallurgy II. treated in greater detail.
 Modern theories of alloys and molecular structure of metals.
 Design of plant.
 The present state of metallurgical practice.
 Recent metallurgical researches.

REFERENCE BOOKS :—

A. M. Wellington : *Railway Location*.
 W. H. Mills ; *Railway Construction*.
 Crandall & Barnes : *Railroad Construction*.
 Treatman : *Railway Track and Track Work*.

Students will be expected to read various papers, to which they will be referred in the course of lectures, in the Proceedings of Engineering Societies.

101. Mining (ia).

Prospecting. Exploitation. Mining methods. Hoisting. Drainage. Ventilation and lighting. Plans. Sampling, valuation, book-keeping, and finance.
 Text-book.—Young—"Elements of Mining."

102. Mining (iia).

Coal Mining. Methods of mining, and the theory and practice of ventilation. Mining law. Mining methods. Mine Surveying. Thesis.

Text-books—Hoover, *Principles of Mining*; Peele, *Mining Engineer's Handbook*.

103. Mining. (ib).

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. Headframes and shaft sinking. Tunnels, timber, timbering and masonry supports.

Text-book—Young, "*Elements of Mining*."

103a. Mining. (iib).

The principles and practice of ore dressing including Stamp Milling and amalgamation.

Sorting, sizing, and classifying. Concentration. Flotation. Mill design.

Text-books :

A Text-book of Ore Dressing : R. H. Richards.
 Practical Stamp Milling and Amalgamation : MacFarren.

104. Civil Engineering (i).

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. Paved roads. Footways. Provisions for drainage. Maintenance.

FOUNDATIONS.—Supporting capacity of soils. Wall and column footings. Pile foundations. Foundations under water. Cofferdams. 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.

Students taking this course must have previously passed in Strength of Materials (74).

Fee for the course—£5 5s., or £1 15s. per term.

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:—

Raymond: *The Element of Railroad Engineering.*

Coane: *Australasian Roads.*

Howe: *Foundations.*

Tratman: *Railway Track and Track Work.*

104a. Railway Engineering.

The course of lectures on this subject forms a part of course 104, Civil Engineering (i.), and may be taken separately.

Fee for the course, £2 2s., or 14s. per term.

105. 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. Dams of earth, masonry, and concrete. 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.

Students will be expected to conduct a prescribed investigation in the Engineering Laboratory.

Text books :

Lea : *Hydraulics*.

Parker : *Control of Water*.

Kershaw : *Sewerage Purification*.

Cunningham : *Harbour Engineering*.

Fee for the course—£5 5s., or £1 15s. per term.

105a. 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 105 Civil Engineering (ii.), but these lectures alone may be taken. Mathematical Courses 30, 31, and 33 in the Syllabus must have been previously studied.

Text-book :

Lea : *Hydraulics*.

Fee for the course—£1 1s., or 10s. 6d. per term for two terms.

106. 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. Mine surveying.

106a. Surveying.

This course is part of 106, and is completed in the first term. Fee, £1.

107. Surveying (ii.)

This course will cover the more advanced parts of the subject required for examination by a licensed surveyor, and will include Tacheometry, Barometrical Levelling, Hydrographic Surveying, Alignment of Tunnels, Field Astronomy, and Geodetic Surveying.

Text-books :

Middleton and Chadwick—*A Treatise on Surveying*.

Chapman—*Astronomy for Surveyors*.

Merriman—*Precise Surveying and Geodesy*.

Vega—*Logarithms*.

The Handbooks for Surveyors issued by the Western Australian and South Australian Survey Departments.

Students will undertake a course of practical surveying and astronomical observation throughout the year, and the final examination will include a practical test in instrumental work. The practical work will include work at a field camp for a fortnight during the summer. A camp fee of £1 1s. will be charged, in consideration of which free transportation will be provided from Meadows to Kuitpo, free quarters and the use of cooking utensils, but students will be required to provide their own food and bedding.

Fee for the course—£5 5s., or £1 15s. per term.

108. Woodworking.

A course in practical carpentry intended to make the student familiar with the use of woodworking tools and to give him a knowledge of the elementary principles of carpentry.

109. Architectural History (i).

Ancient Greek, Roman, and Byzantine Architecture.

Fee for the course, £2 5s., or 15s. per term.

109A. Architectural History (ii).

Mediaeval: The Renaissance in Italy, France, and England.

Text-book: *History of Architecture*, Banister Fletcher.

Reference Books: *The Orders*, Spiers—Mauch; *The Architecture of Greece and Rome*, Anderson & Spiers; *History of Architectural Development*, Simpson; *The Architecture of the Renaissance in Italy*, Anderson; *A Short History of Renaissance Architecture in England*, Blomfield; *Renaissance in France*, Ward.

Fee for the course, £2 5s., or 15s. per term.

Testimonies of Study.—As exercises in connection with the above course, students must prepare and submit to the examiners testimonies of study as required by the Royal Institute of British Architects, as follows:—

109. Architectural History, i.—1 and 2. Two sheets, giving examples (one on each sheet) of any two of the Orders of Architecture here named—the Doric, the Ionic, or the Corinthian—drawn in outline, with the ornament and enrichments filled in; each sheet to contain two columns of one Order with entablature complete, drawn to scale (the columns being not less than 10 in. high on the paper and details to three times the scale of the columns).

3. One sheet of Classic Ornament from the round.

- 109A. Architectural History, ii.—4 and 5. Two sheets, containing examples (one on each sheet) of any two of the periods here named—the Early English, the Decorated, or the Perpendicular—such as a door, a window, or an arcade, in plan, elevation, and section, with details of mouldings and ornaments relating to such examples.

6. One sheet of Mediaeval Ornament—freehand drawing from the round.

SYLLABUS—APPLIED SCIENCE.

A concise description, giving such particulars as may be accessible of the building or buildings from which the several subjects are taken, with the dates of erection and other details, illustrated by sketches of plan, general elevation, &c., and written on foolscap paper, on one side only—the whole to be the work of the student's own hand.

It is desirable that some of the drawings submitted should be from actual measurement by the student.

The sheets of drawings are to be each 27 in. by 20 in., and be delivered flat in a portfolio 30 in. by 22 in.

109B. Architectural Design (i).

109C. Architectural Design (ii).

109D. Architectural Thesis

109E. Architectural Hygiene and Lighting

THE FACULTY OF LAW.

ORDINARY SUBJECTS.

I. LAW OF PROPERTY (Part I.)—(110).

- (a) Principles of the Law of Real and Personal Property (exclusive of the subjects specified in No. 111 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, 1830 and 1889; Partition Act, 1881; Estates Tail Act, 1881; Real Property Acts, 1886 and 1919.
- (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's Law of Real Property.

2. LAW OF PROPERTY (Part II.)—(111).

- (a) Six of the following special subjects to be chosen by the Professor: Terms of years; Mortgage; The Modern Conveyance; The fundamental principles of Equity and Equitable Estates and Interests; Trusts; Bills of Sale; Administration of Deceased Persons' Estates; Married Women's Property; Insolvency; Companies.
- (b) The following Statutes, so far as they relate to the special subjects taken :—

The Distress for Rent Act, 1888.

The Landlord and Tenant Act, 1893 (No. 580).

The Trustee Acts, 1893 and 1907.

The Administration and Probate Act, 1919.

The Real Property Acts, 1886 and 1919.

The Bills of Sale Act, 1886, and No. 4 of 1855-6.

The Married Women's Property Acts, 1883-4, 1898, and 1902
so far as they relate to property.

The Insolvent Act, 1886.

Act No. 7 of 1862, Part II.

Act No. 8 of 1841 (Registration of Deeds).

The Companies Acts, 1892, 1893.

The Policies Protection Act, 1887.

- (c) The reports of cases specially prescribed in lectures.

* The Text-books, etc., in the subjects of the Faculty of Law are indicated only as an approximate guide to students; further recommendations and directions will be given in each class.

Text-books:—

Williams' Real Property Goodeve's Personal Property Strahan and Kenrick—Digest of Equity	}	The parts relating to the special subjects.
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Books of Reference:—

As suggested in class.

3. LAW OF CONTRACTS—(112).

- (a) General Principles.
- (b) Special subjects: Agency; Sale of Goods; Negotiable Instruments; and one of the following to be chosen by the Professor: Partnership; Suretyship; Bills of Lading; Insurance.
- (c) The following Statutes:—
 Married Women's Property Acts, 1883-4, 1898, and 1902,
 (so far as they relate to Contracts)
 Bills of Exchange Acts, 1909 and 1912 (Fed.)
 Sea Carriage of Goods Act, 1904 (Fed.)
 Limitation of Suits and Actions Act, 1866-7 (so far as it
 relates to Contracts)
 Mercantile Law Amendment Act, 1861.
 Sale of Goods Act, 1895
 Partnership Act, 1891
 Marine Insurance Act, 1909 (Fed.)
- (d) Reports of cases specially prescribed in lectures.

Text-book:

Anson's Law of Contract.

4. LAW OF WRONGS—(113).

- (a) Law of Torts.
- (b) The following Statutes:—
 Employer's Liability Acts, 1884 and 1889
 Lord Campbell's Act, 1865, and No. 17 of 1874
 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
 Act, No. 6 of 1867, Sections 19, 20, and 24,
 Noisy Trades Act, 1898
- (c) Criminal Law, so far as it relates to the following indictable offences:—Treason, Treason-felony, Rioting, forcible entry, Seditious Libel, Piracy, Perjury, Nuisance, Homicide, Assault, Bigamy, Libel, Larceny, Embezzlement, False pretences, Burglary, Conspiracy, Misappropriation, Forgery.

(d) Outlines of Criminal Procedure in indictable offences

(e) Reports of cases specially prescribed in lectures.

Text-books :

Pollock's Law of Torts.

Kenny's Outlines of Criminal Law.

Books of reference :

Salmond's Law of Torts.

Clerk & Lindsoll's Law of Torts.

Russell on Crimes.

5. LAW OF EVIDENCE AND PROCEDURE—(114).

(a) Principles of the Law of Evidence.

Statutes : No. 2 of 1852 ; 24 of 1855, sections 12-21, and 35-42 inclusive ; 13 of 1866 ; 10 of 1869 ; 162 of 1879 ; 245 of 1882 ; 435 of 1888.

State Laws and Records Recognition Act, 1901 (Fed.).

(b) Procedure of the Supreme Court.

Supreme Court Acts, No. 5 of 1853 ; No. 24 of 1855-6 ; No. 3 of 1862 ; No. 8 of 1867 ; and No. 116 of 1878 ; with Rules of Court, 1913

Intercolonial Debts Act, 1887.

Creditors' Remedies Act, 1880.

Service and Execution of Process Acts (Fed.)

Text-books :

Powell on Evidence (9th edition).

Stephen's Digest of the Law of Evidence.

Odgers' Principles of Pleading.

(c) Procedure of the Local Court.

Local Courts Act, 1886.

6. CONSTITUTIONAL LAW—(115).

(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 :

Moore's The Constitution of the Commonwealth of Australia (Students' edition).

Dicey's Constitutional Law.

SPECIAL SUBJECTS.

1. LATIN—(2).

The same as prescribed for the first year of the B.A. Degree.

2. One subject of the course for the Ordinary Degree of Bachelor of Arts, exclusive of Latin and Jurisprudence.

3. ROMAN LAW—(116).

The course of lectures is given every second year, and is completed in one year. It will be given in 1921,

- (a) The historical development of Roman Law
- (b) The Roman Law under Justinian
- (c) The Law of Obligations.

Text-books :

Hunter's Introduction to Roman Law.

Moyle's Imperatoris Justiniani Institutiones, Liber III., 13-29;
Liber IV. 1-5.

Sohn's Institutes of Roman Law, omitting Book II., 2 (Law of Procedure) and Book III. (Family Law and the Law of Inheritance).

Books of reference :

Hunter's Roman Law.

4. THEORY OF LAW AND LEGISLATION—(117).

The course of lectures is given every second year, and is completed in one year. It will be given in 1921, and will comprise the principles of Jurisprudence and the Early History of Legal Institutions

Text-books :

Holland's Jurisprudence.

Books of Reference :

Brown's Austinian Theory of Law.

Salmond's Jurisprudence.

On Early History of Legal Institutions, books of reference to be suggested in class.

5. PRIVATE INTERNATIONAL LAW—(118).

The course of lectures is given every second year, and is completed in one year. It will be given in 1922.

Text-book :

Dicey's Conflict of Laws.

Book of reference :—

Westlake's Private International Law.

NOTE.—The following course of study is suggested to candidates for the Degree of Bachelor of Laws:—

FIRST YEAR.

Latin.
Law of Contracts.
One subject included in the B.A. Course

SECOND YEAR.

Law of Property (Part I).
Constitutional Law.

THIRD AND FOURTH YEARS.

Law of Property (Part II).
Law of Wrongs.
Roman Law.
Private International Law.
Theory of Law and Legislation.
Law of Evidence and Procedure.

Candidates for the Degree of Bachelor of Laws are recommended not to enter into Articles until after the completion of their first year's course at the University.

FACULTY OF MEDICINE.

Students are expected to procure the latest edition of all text-books prescribed.

FIRST YEAR.

120. Elementary Anatomy.

Fee for the Course, £8 8s.

1. Descriptive Anatomy.

A systematic course of lectures, illustrated by osteological specimens and recent dissections.

Text-books recommended :

Elements of Anatomy : Quain ; or
Text-Book of Anatomy : Cunningham ; or
Anatomy, Descriptive and Surgical : Gray ; or
Buchanan's Anatomy (in old terminology).

11. Practical Anatomy.

Daily attendance in the Dissecting Room from 9 to 5, except at lecture hours and on Saturday afternoons.

Text-books recommended :

Manual of Practical Anatomy : D. J. Cunningham.

67. Physiology.

Fees.—Histology, £6 6s. ; Physiology, £4 4s. ; Biochemistry, £3 3s.

This course of Physiology will extend over five terms, viz. :—The three terms constituting one academic year, and the first and second terms of the following year. It will comprise the subject matter of the most recent editions of Schäfer's *Essentials of Histology*, Stewart's *Manual of Physiology* and Robertson's *Principles of Biochemistry*, and the Professor's Lectures.

Students are required to attend the following courses of lectures and practical work:—

1. HISTOLOGY.

Three lectures and two periods of laboratory work per week during the first term of the first year One period of laboratory work per week during the second term of the first year and the second term of the second year.

Subject matter of the course :—

Histology of the blood, epithelium, connective tissues, bone, cartilage, striated, smooth, and cardiac muscle, nerve fibres, nerve cells, and nerve endings, blood vessels, lymphatics, lymph glands, tonsil, thymus, spleen, adrenals, thyroid, parathyroids, pituitary, skin, hair, heart, trachea and lungs, teeth, tongue, pharynx and oesophagus, salivary glands, stomach, intestine, liver, pancreas, kidney, ureter, bladder, male and female generative organs, spinal cord, medulla, midbrain and cerebellum, cerebral cortex, eye and auxiliary structures, ear.

2. PHYSIOLOGY OF THE BLOOD, CIRCULATION, RESPIRATION, DIGESTION, AND SECRETION.

Three lectures and one period of laboratory work per week during the second term of the first year.

Subject matter of the course :—

Starting with a brief review of the properties and constitution of the chief organic constituents of living tissue, namely, carbohydrates, fats, and proteins, the course proceeds to the consideration of the properties, composition, and coagulation of the blood. The mechanism of the heart-beat is then considered, and the circulation of the blood, with especial emphasis on the interpretation of pulse-records and heart-sounds and the factors which determine blood-pressure. The respiratory movements are then discussed, and their nervous regulation; the chemistry of respiration being deferred until the course in biochemistry. The mechanical factors in digestion and their relation to the nervous system are then considered, the chemistry of digestion being deferred until the course in biochemistry. The course concludes with a discussion of the mechanism and nervous control of secretion and excretion, the consideration of internal secretions being deferred until the course in biochemistry; the regulation of bodily temperature is discussed in relation to the secretions from and circulation in the skin.

3. BIOCHEMISTRY.

One lecture and two periods of laboratory work per week during the third term of the first year and three lectures and two periods of laboratory work per week during the first term of the second year.

In this course the foodstuffs are followed up from the moment that they are ingested to the moment at which, having been assimilated and become constituents of living tissue and participated in its activities, they are excreted in the form of waste products. The course is accordingly divided into seven parts, corresponding to the several phases of the cycle of changes through which the foodstuffs pass. Of these parts 1 to 3 inclusive form the work of the third term of the first year and parts 4 to 7 inclusive form the work of the first term of the second year.

PART 1. The foods, a comprehensive review of the various items of the dietary, water, inorganic foodstuffs, carbohydrates, fats and proteins.

PART 2. The digestion of the foodstuffs, their hydrolysis by digestive enzymes and the absorption of the products of digestion.

PART 3. A discussion of the properties, physical and chemical, of protoplasm and the way in which these are determined by the constituents which have been built up into it.

PART 4. The chemical correlation of the tissues. The blood as the circulating agent, the chemistry of haemoglobin, carbohydrates, fats and proteins and their products in the blood. Adrenalin and the chemical regulation of blood pressure; carbon dioxide and the chemical regulation of respiratory rhythm, secretin and the chemical regulation of digestion; the thyroid and the chemical regulation of metabolism. The chemical correlation of the generative organs.

PART 5. The chemical processes which underlie and accompany life-phenomena. Intermediate metabolism of carbohydrates, exercise and fatigue; intermediate metabolism of fats, diabetes; intermediate metabolism of proteins. Oxidising enzymes. Influence of temperature and light upon life processes. Chemistry of fertilization and development. Growth. Chemistry of nerve and nerve centres.

PART 6. The Products of Tissue Activity. Detailed consideration of the waste products of the body in urine, sweat, expired air, etc.

PART 7. The energy-balance of the organism. The input and output of heat values; fundamental principles of animal calorimetry and of dietetics in adults and in children.

PHYSIOLOGY OF THE SENSES, CENTRAL NERVOUS SYSTEM, AND NEURO-MUSCULAR SYSTEM.

Three lectures and one period of laboratory work per week during the second term of the second year.

After a brief review of the evolution of the nervous system the general physiology of the nervous system is discussed with particular reference to tropisms, instincts, reflexes and the association of sense impressions with reflexes. This is followed by a detailed consideration of the special senses and auxiliary mechanisms, in the order sight, hearing, smell, taste, and tactile sense and equilibrium. The central nervous system is then discussed, with especial reference to the distribution of sensory and motor paths in the spinal cord and cerebral localization. The general facts concerning the autonomic system which have been incidentally dealt with elsewhere are reviewed and systematised. The course concludes with a consideration of the motor apparatus, with especial reference to antagonistic innervation and a brief review of electrophysiology.

Every student must provide himself with a suitable microscope, which shall be subject to the approval of the Professor.

Practical Examination.

Each candidate must be prepared (1) to make, examine, and describe microscopical specimens of animal tissues and organs. (2) To prove a practical acquaintance with essential experimental methods employed in studying the physiology of muscular and nervous tissues, and the circulatory and respiratory systems. (3) To prove a practical acquaint-

ance with the essential chemical properties of the carbohydrates, fats, and proteins. (4) To conduct a qualitative and quantitative analysis of urine, and to interpret the results which he obtains.

Text-books recommended :

The latest editions of

Manual of Physiology : Stewart.

Principles of Biochemistry : Robertson.

Essentials of Histology : Schäfer.

Syllabus of Biochemistry : University of Toronto Press.

Students who desire to become candidates for the combined degree of B.Sc., with honours in Physiology, and M.B. and B.S., will be required to devote the whole of their time for an additional three terms, with such exceptions as the Professor may approve, to work in the Physiological and Biochemical laboratories, and they will be required to participate in experimental work of a research character under the direction and supervision of the Professor.

Organic Chemistry.

Fee for the Course, £8 8s.

Subjects Nos. 51 and 52—vide pages 27 and 28 of the Appendix.

Physical Chemistry.

Fee for the Course, £1 1s.

Elementary Physical Chemistry : being the first term's lectures only of Theoretical Chemistry, Part II. of the B.Sc. Course (46).

Text-book :

Introduction to Physical Chemistry : Walker.

SECOND YEAR.

121. Anatomy.

Fee for the Course, £8 8s.

I. Descriptive Anatomy.

A systematic course of lectures continued from the first year.

Text-books recommended, the same as for the first year.

The Principles of Anatomy : Wood Jones	} Optional for senior students.
Arboreal Man : Wood Jones.	

II. Practical Anatomy.

Daily attendance in the Dissecting Room from 9 to 5, except at lecture hours and on Saturday afternoons.

Text-books recommended :

Those set out for the first year.

67. Physiology.

Fees—Physiology, £2 2s. ; Histology, £3 3s.

This course will extend over the first and second terms of the second year.
See above under Physiology of the first year.

122. Materia Medica.

Fee for the Course, £2 2s.

General and Special.

Text-books recommended :

Materia Medica : Hale White. (1917 ed.)

A Manual of Pharmacology : Walter E. Dixon.

Practical Pharmacy.

Instruction during a period of three months by some person approved by the Council.

THIRD YEAR.

123. Principles and Practice of Medicine.

Fee for the Course, £6 6s.

General and Special Diseases.

Text-book recommended :

Principles and Practice of Medicine : W. Osler.

124. Lectures on Clinical Medicine—Clerkship.

Fee for the Course, £2 2s.

125. Principles and Practice of Surgery.

Fee for the Course, £5 5s.

General and Special Diseases and Injuries.

Text-books recommended :

A Manual of Surgery : Rose and Carless. (8th edition).

A System of Surgery : Treves, and

The Operations of Surgery : Jacobson, may also be consulted.

The instructions in Practical Surgery will include—

The application of splints, bandages, etc.

Text-book recommended :

A Surgical Handbook : Caird & Cathcart.

126. Lectures on Clinical Surgery—Dressership.

Fee for the Course, £2 2s.

127. Regional and Surgical Anatomy.

Fee for the Course, £6 6s.

(1) Regional Anatomy as applied to Surgery, and (2) surface Anatomy as applied to the Fine Arts.

Text-books recommended :

Surgical Applied Anatomy : Treves & Keith.

Regional and Surgical Anatomy : Berry.

Land Marks and Surface Markings of the Human Body : L. B. Rawling.
5th ed. Lewis, 1912.

Book of Reference :

A Handbook of Anatomy for Art Students : Arthur Thomson, (Clar. pr.).

Anatomy, Descriptive and Surgical : H. Gray.

128-129. Bacteriology and Pathology.

Fees for the courses, £5 5/.

The courses include instruction and practical work in—

I. 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.

II. PARASITOLOGY.

The protozoa, helminths, arthropods and higher animals as disease-producers and disease conveyors in particular relationship to man.

III. GENERAL PATHOLOGY.

The general tissue reactions and retrograde tissue changes. Neoplasms. General circulatory changes, etc.

IV. 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 third and fourth year students are 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 third and fourth years.

Text books recommended :

A Manual of Bacteriology : Muir & Ritchie.

Beattie & Dixson's Pathology—1 General, 2 Special.

A Manual of Pathology and Morbid Anatomy : Green ed., by Bosanquet.

Morbid Histology : Grünbaum (Longmans).

Clinical Methods : Hutchison & Rainy (Cassell's).

(The latest edition of all text-books must be obtained.)

146. Public Health and Preventive Medicine.

Fee for the course, £3 3s.

Definitions. General methods of study.

The use of Vital Statistics.

The Problems of Prevention. Exanthemator. Diphtheria Group. Septic Group. The Meningitis Group. Tuberculosis. Venereal Diseases. Other Diseases spread by personal contact and human carriers. 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.

Text-book recommended :

Hygiene and Public Health : Whitelegge and Newman. (Cassell).

The following works may also be consulted :

Preventive Medicine and Hygiene : Rosenau. (Butterworth).

Text Book of Public Health : E. W. Hope. (Livingstone).

Medical and Surgical Practice.

The Medical and Surgical Practice of the Adelaide Hospital during the academic year.

Dentistry.

To receive instruction from some person approved by the Council.

FOURTH YEAR.**130. Medicine.**

Fee for the course, £6 6s.

Lectures on the Principles and Practice of Medicine.

131. Lectures on Clinical Medicine—Clerkship.

Fee for the Course, £2 2s.

132. Surgery.

Fee for the Course, £5 5s.

Lectures on the Principles and Practice of Surgery.

133. Lectures on Clinical Surgery—Dressership.

Fee for the Course, £2 2s.

134. Obstetrics.

Fee for the Course, £3 3s.

Text-book recommended :

Manual of Midwifery : Eden.

135. Forensic Medicine.

Fee for the Course, £2 16s.

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 relationships. Offences against
 females. Signs of pregnancy. Criminal abortion. Infanticide. Con-
 cealment 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. Starvation. Heat-stroke.

Professional responsibilities and obligations.

TOXICOLOGY.—The law on poisons. Mode of action. Conditions modify-
 ing the action of poisons. General evidence of poisoning. General
 treatment. The principal poisons, their nature and mode of action,
 symptomatology and treatment.

Text-books recommended :

Forensic Medicine and Toxicology : Buchanan, or

Manual of Medical Jurisprudence and Toxicology : W. G. Aitchison
Robertson.

Books of Reference :

Forensic Medicine : Dixon Mann.

Medical Jurisprudence and Toxicology : Glaister.

136. Psychological Medicine.

Fee for the Course, £1 8s.

Mental physiology and its relation to mental disease.

The causes of insanity and feeble-mindedness. General symptomatology.

Clinical Insanity : its aetiology, varieties, pathology, diagnosis, prognosis, and treatment.

Certification of mental defectives :

(a) Mental examination of patient.

(b) Method of recording facts indicating insanity,

(c) Procedure under Mental Defectives Act, 1913.

Text-books recommended :

W. H. B. Stoddart : Mind and its Disorders.

Maurice Craig : Psychological Medicine.

137. Pathology.

Fee for the Course, £3 3s.

Completion of the instruction in special pathology.

Medical and Surgical Practice.

The Medical and Surgical Practice of the Adelaide Hospital during the academic year, and the Hospitals for the Insane, as arranged by the Lecturer.

Practical Midwifery.

(Twenty cases if possible)

FIFTH YEAR'S COURSE.**138. Lectures on Clinical Medicine.—Clerkship.**

Fee for the Course, £2 2s.

139. Lectures on Clinical Surgery.

Fee for the Course, £2 2s.

140. Therapeutics.

Fee for the Course, £4 4s.

General principles. Diet in health and disease. Composition of foods. Alcohol. Rest. Massage. Hydrotherapy. Therapeutics in relation to the circulatory, respiratory, digestive, renal and nervous systems. Organo-therapy. Vaccines. Sera.

Text-books recommended :

Hale White : *Materia Medica*. (1917 ed.)

For reference :

Sir Lauder Brunton : *Action of Medicine*.

Hare : *Therapeutics*.

Sainsbury : *Principia Therapeutica*.

141. Gynaecology.

Fee for the Course, £3 3s.

Diseases of the female organs of generation.

Text-books recommended:

Crossen : Diseases of Women.

Dudley : Diseases of Women (new ed.)

Horne : Practical Gynaecology.

GYNÆCOLOGY—Clerkship and Dressership.

142. Ophthalmology.

Fee for the Course, £3 3s.

Examination of the eyes. Refraction. Diseases and injuries of the eyelids, conjunctiva, and lachrymal apparatus. Diseases and injuries of the eyeball, including glaucoma, amblyopia, and functional disorders of form and colour vision. Affections of the ocular muscles. Operations upon the eye and its appendages.

Text-book recommended :

Ophthalmic Surgery and Medicine : Walter H. Jessop. Second ed.

OPHTHALMOLOGY.—Clerkship and Dressership.

143. Otology.

Fee for the Course, £2 2s.

Sketch of 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.

Diseases 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.

Text-book recommended :

Diseases of the Ear and Naso-Pharynx : Hunter Tod.

The following work may also be consulted :

Text-book of Diseases of the Ear : Politzer.

144. Operative Surgery.

Fee for the Course, £4 4s.

Operations upon arteries—

Ligation of arteries— General considerations.

Surgical anatomy and ligation of arteries of head and neck.

Surgical anatomy and ligation of arteries 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 recommended :

1. The Operations of Surgery : Steward & Rowlands.
2. Ligatures and Amputations : Broca.
3. Manual of Surgical Anatomy : Beesly & Johnston.

145. Diseases of Children.

Fee for the Course, £2 2s.

Lectures on Clinical Medicine and Surgery.

Clerkship and Dressership.

Text-books recommended :

Medical Diseases of Infancy and Childhood : Dawson Williams.

Surgical Diseases of Children : E. Kirrmission (tr. J. Keogh Murphy).

Lectures on Diseases of Children : Hutchison.

148. Anæsthetics.

Instruction in the administration of Anaesthetics, at the Adelaide Hospital
and the Adelaide Children's Hospital.

Medical and Surgical Practice.

Of the Adelaide Hospital during the Academic Year.

Practical Midwifery.

(If not completed in fourth year).

FACULTY OF DENTISTRY.

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*Students are expected to procure the latest editions of
all text-books prescribed.*

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FIRST YEAR.

I. Anatomy. Fee for the Course, £8 8s.

A course of instruction in the principles of Anatomy, especially designed for dental students. Practical work in the dissecting room, including dissection of the head and neck and thorax and abdomen, during the first two years.

II. Chemistry. Fee for the Course, £6 6s.

I. Compulsory Chemistry, as prescribed for the B.Sc. Course.
See Syllabus, No. 45.

II. Elementary Organic Chemistry, 51a. (Third term only.)

An elementary knowledge of the principal groups of organic substances, hydrocarbons, alcohols, ethers, ethereal salts, acids, aldehydes, ketones, amines, and nitro compounds.

A more detailed knowledge of methyl and ethyl alcohols; ethyl chloride; chloroform; iodoform; formaldehyde; acetone; glycerol; fats; carbohydrates; urea; uric, lactic, tartaric, citric, benzoic, and salicylic acids; benzene; phenols; picric acid; naphthalene.

An elementary study of the alkaloids and proteins, and of fermentation and enzyme action.

III. Physics. Fee for the Course, £4 4s.

Compulsory Physics, as prescribed for the B.Sc. Course. See Syllabus, No. 37.

IV. Dental Prosthesis.

A course of demonstrations on Dental Prosthesis at the Department of Dentistry of the Adelaide Hospital, or as an apprentice to a registered dentist.

Text-book:

Prosthetic Dentistry; Turner.

V. Dental Metallurgy. Fee for the course, £3 3s.

The consideration of the principles of Metallurgy; the metallic elements; properties and applications of alloys and metals commonly used in dentistry. Laboratory work.

Text-book :

Practical Dental Metallurgy : Hodgson.

SECOND YEAR.

I. Anatomy. Fee for the course, £8 8s.

A course of lectures in which especial attention is paid to the anatomy of the Head and Neck. Practical work in the dissecting room.

II. Dental Anatomy—Human and Comparative. Fee for the course, £2 2s.

A course of special lectures in human and comparative dental anatomy.

Text-books :

Dental Anatomy and Physiology : Tomes & Black-

III. Physiology (Histology, Physiology, and Bio-chemistry) Fee for the course, £8 8s.

A course of lectures and practical work on the histology of the tissues, fluids glands, vessels, and organs of the body, during the First term.

Part 1 of course No. 67 in Medical Syllabus. *Vide* page 65.

Text-book :

Essentials of Histology : Schafer.

A course of lectures and practical work on the physiology of the Blood, Circulation, Respiration, Digestion, and Secretion, during the Second term; and on the Bio-chemistry of the Foods and Digestion during the Third term.

Part 2 and the first term of Part 3 of course No. 67 in the Medical Syllabus on page 65.

Text-book :

Manual of Physiology : Stewart.

IV. Dental Histology. Fee for the course, £2 2s.

A course of lectures and practical work on the histology of the teeth, during the second and third terms.

Text-books

Normal and Pathological Histology of the Mouth.
Dental Histology, Vol. I. : A. Hopewell Smith.

V. *Dental Prosthesis.* Fee for the Course of Lectures, £4 4s.

- (A) A course of lectures on Dental Plate Prosthesis. Examination and preparation of patient; mechanism of mastication, speech, facial expression, etc., and the effect of loss of teeth or injury; means of retention of artificial dentures; choice of material and type of denture; materials and appliances; methods of construction of full and partial vulcanite artificial dentures, and method of repair.
- (B) A course of demonstrations at the department of Dentistry of the Adelaide Hospital. Construction of Metal Plate Dentures, with soldered and vulcanite attachment of the teeth and clasps.

VI. *Operative Dentistry.*

A course of demonstrations shall be given in Operative Technique, as follows:—

Sections shall be shown of all the natural teeth; so as to demonstrate outline forms, cusps, ridges, sulci, gingival line, longitudinal sections and transverse sections at various points of roots, distribution of enamel (dentine and cementum), pulp chamber and contact points. Preparatory operative technique methods—mounting of natural teeth, explanation of instruments used. Opening of pulp chambers, use of broaches (barbed and smooth), placing of dressing in canals; sealing the same with G.P. and cements, filling root canals. General principles of cavity preparation—excavation of cavities by classes, *i.e.*, beginning in pits and fissures, proximal surface in bicuspid, and molars, cavities in proximal surfaces of cuspids and incisors not involving incisal, also involving incisal, cavities in the gingival third. Cavities shall be prepared for inlays, proximo-occlusal, molar or bicuspid, anterior tooth involving angle.

The use of filling materials—(a) gold and tin-foil, method of manipulating gold to form rolls, pellets, and ribbon in the operation of filling teeth, method of inserting and condensing in various cavities in regard to the relative force and power required for the various-sized plugger points; (b) amalgams, mixing, relative quantities of alloy and mercury; (c) cements, mixing for filling purposes and lining cavities, etc.; (d) gutta-percha, temporary and permanent. Finishing fillings. Selection of filling material for each case, and insertion of same.

THIRD YEAR,

I. *General Surgery.* Fee for the course, £4 4s.

A course of lectures 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:

Rose and Carless.

II. *General Pathology and Bacteriology.* Fee for the course, £5 5s.

A course of lectures 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.

III. *Dental Patho-histology.* Fee for the course, £2 2s.

Microscopic examination of dental and surrounding tissues in disease of the teeth.

Text-books:

Normal and Pathological Histology of the Mouth.
Patho-histology, Vol. II.: A. Hopewell Smith.

IV. *Dental Materia Medica and Therapeutics.* Fee for the course, £3 3s.

A course of lectures on the properties, physiological action, therapeutical uses, dosage and classification of the more important pharmaceutical preparations, especially those employed by dentists and adapted to their special requirements. The art of prescribing.

Text-books:

Modern Dental Materia Medica, Pharmacology, and Therapeutics:
Buckley
Dental Materia Medica and Therapeutics: Prinz.

V. *Dental Prosthesis.* Fee for the course of Lectures, £4 4s.

- (A) A course of lectures on Metal Plate and Crown and Bridge Prosthesis. Preparation of roots, pathological and hygienic conditions; engineering principles of bridge work; classification of bridge dentures; methods of construction of metal dentures, crowns, bridges, and inlays; obturators and vela for cleft palate; fractured jaws and interdental splints.
- (B) A course of demonstrations at the department of Dentistry of the Adelaide Hospital. Construction of crowns, bridges, inlays, and obturators.

Text-book:

Turner: The American Text-book of Prosthetic Dentistry.

VI. *Operative Dentistry.* Fee for the course, £4 4s.

A course of lectures and demonstrations 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:

Operative Dentistry: C. N. Johnson.

FOURTH YEAR.

I. General Medicine. Fee for the course, £4 4s.

A short special course of lectures on the principles of medicine and on the diseases of different organs and systems of the body, with particular reference to the relationships between general and dental disorders.

Text-book :

Principles and Practice of Medicine : Osler.

II. Dental Surgery and Dental Pathology. Fee for the course, £4 4s.

A course of lectures and demonstrations on disorders associated with teething; injuries and diseases of the teeth and gums; consequent affection of adjacent parts; induction of symptoms of apparent disease elsewhere; simulation by disease of distant parts; appropriate local and general treatment.

Text-books :

Dental Surgery : Tomes & Nowell.

Diseases and Injuries of the teeth : J. F. Colyer.

III. Dental Prosthesis.

Demonstrations at the Department of Dentistry of the Adelaide Hospital on all forms of surgical and mechanical work in connection with abnormalities, diseases, and loss of teeth, etc.

IV. Orthodontics. Fee for the course, £3 3s.

A course of lectures and demonstrations 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 :

Orthodontia : Angle.

V. Anaesthetics. Fee for the course, £2 2s.

A course of lectures and demonstrations on Anaesthetics, local and general; their nature and properties; respective advantages; their selection; fitness and preparation of the patient; methods of administration; precautions; dangers and remedial measures.

Text-books :

Anaesthetics and their Administration : Hewitt.

Local Anaesthesia : Fischer.

FACULTY OF MUSIC.

FIRST YEAR'S COURSE.

150. ACOUSTICS AND MUSICAL THEORY.

Mode of production and of transmission of sounds. Motion of vibration. Period, amplitude and phase of a vibration; law of isochronism; factors determining period; phase relations of two vibrations (*a*) with equal, (*b*) with unequal periods; simple and compound vibration.

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-book recommended:

T. F. Harris: Handbook of Acoustics.

151. 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 a figured bass. The harmonization of melodies in not more than four parts, i.e., by the addition of not more than three other parts.

152. COUNTERPOINT.

Simple counterpoint. All species in not more than four parts.

Text books recommended:

Evolution of Harmony (Kitson).

Unfigured Harmony (Percy Buck).

The Art of Counterpoint (Kitson).

Counterpoint (Rockstro).

153. 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's "Summary of Musical History" (Novello).

Parry's "The Evolution of the Art of Music."

154. 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, No. 12, in A.
French Suites. No. 6, E major, Allemande only.
- (d) Mozart. Sonata in D major, No. 6, first movement.
- (e) Beethoven. Sonata, Op. 7, third movement only.
- (f) Reading at sight.

To qualify in ear tests :

Candidates will be required to state the name or names of an interval or intervals within the limits of a major ninth played on the pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

Candidates will also be required to identify the following chords when played upon the pianoforte or organ:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh.

155. 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 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 to state the name or names of an interval or intervals within the limits of a major ninth played on the organ, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

Candidates will also be required to identify the following chords when played upon the pianoforte or organ:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh.

SECOND YEAR'S COURSE.

156. HARMONY.

Part writing in not more than five parts;
Harmonization of basses (figured and unfigured) and of melodies

157. COUNTERPOINT.

Simple and Combined. All species in not more than four parts.

- 158.** { DOUBLE COUNTERPOINT at the octave, tenth and twelfth.
CANON in two parts.
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.

159. HISTORY AND LITERATURE OF MUSIC, FORM AND ANALYSIS.

History of the scale, of counterpoint, harmony, and of form in composition.

Text-books recommended :

Prout's "Harmony."
Kitson's "The Art of Counterpoint."
Prout's "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"; Parry's Articles:—"Harmony" and "Form" in Grove's Dictionary of Music.

THIRD YEAR'S COURSE.

- 165. PRACTICAL HARMONY AND COUNTERPOINT,** each in not more than five parts.

- 166.** { DOUBLE COUNTERPOINT.
CANON, in not more than three parts.
FUGUE in not more than five parts.

- 167.** { MUSICAL HISTORY AND FORM.
The various forms employed in musical composition and the history of their development.
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.

Note.—Candidates may be required to write original composition in the examination in working papers in the above-named subjects.

168. MUSICAL 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:—

Beethoven : Fifth Symphony.

Brahms : Requiem.

Books of reference recommended :

Prout's "Fugue."

Prout's "Applied Forms."

Prout's "The Orchestra."

Berlioz's "Instrumentation."

The articles on "Opera," "Oratorio," "Sonata," "Suite," "Symphony," "Working out," and "Variations" 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 either by 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.

COMPULSORY SUBJECTS.

1. ECONOMICS AND COMMERCIAL HISTORY.

Lecturers—MR. H. HEATON, M.A., M.Com., and MR. W. HAM.

The course consists of about 60 lectures. It begins each year, and is completed in two years. Students must begin with Part I., and should pass in it before taking Part II.; but if they have failed to pass in Part I. they may be permitted by the lecturer to proceed with Part II. Both parts will be given in 1921.

Fee, 10s. 6d. per term.

The first year will be spent in the study of the theory of value, production, exchange, and money. The second year will be occupied with distribution, consumption, and taxation.

TEXT-BOOKS FOR PART I.

Clive Day, *History of Commerce.*

Clay, *Economics for the General Reader*, chaps. i.-xv.

Hobson, *The Evolution of Modern Capitalism* (new edition).

Official Year Book of the Commonwealth, No. 11 (1918).

Before beginning the course students who have no previous knowledge of the subject are recommended to read one of the following books:—T. H. Penson, *Economics of Everyday Life*, Part I. (Camb. Un. Press); R. E. Nelson, *Outline of Economics* (Bell); McKillop and Athinson, *Economics Descriptive and Theoretical* (Allman).

FOR PART II.

Clay, *Economics for the General Reader*, chaps. xvi.-xxv.

Macgregor, *The Evolution of Industry.*

Heaton, *Modern Economic History* (Workers' Educational Association, Lectures 21-37).

Plehn, *Public Finance*; or Armitage Smith, *Principles and Methods of Taxation.*

2. ECONOMIC GEOGRAPHY I.

Lecturer—MR. R. J. M. CLUCAS, B.A.

Economic Geography is divided into two parts. The first must be taken by all candidates for the Diploma in Commerce; for those who wish to continue the study of the subject, a second part is provided as one of the optional sub-

jects of the course. Part II., however, cannot be taken before Part I., but a candidate who has failed in the examination for Part I. may be permitted by the lecturer to proceed with Part II.

The course for Part I., consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be given in 1921.

Fee, 14s. per term.

GENERAL.

Influence of physical, biological, social and political controls upon the production, distribution, and exchange of commodities.

REGIONAL.

Australia and New Zealand.

MATERIALS OF COMMERCE.

Principal raw and manufactured materials. Detailed consideration of certain leading manufacturing industries.

TEXT-BOOKS.

Salisbury, Barrows, & Towers. *Modern geography for high schools.* Holt. \$1.25 net.

Taylor, T. G., *Australia in its physiographic and economic aspects.* Clar. Pr.

3. INDUSTRIAL AND COMMERCIAL LAW.

Lecturer—MR. R. N. FINLAYSON, 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 and a quarter. The course will be given in 1921.

Fee 14s. per term.

The lectures will deal with the general principles of the law of contracts, as well as with the following :

Negotiable Instruments. Sale of goods. Insurance. Sea carriage of goods. Commercial agency. Insolvency. Partnership. Companies. Securities. Employers' liability. Workmen's compensation. The Factories Acts.

No text-book is prescribed, but the following Acts of Parliament should be obtained ; Bill of Exchange Act (Federal) ; Sale of Goods Act, 1895 ; Partnership Act, 1891 ; Companies Act, 1892 ; Bills of Sale Act, 1886 ; Insolvent Act, 1886.

4. ACCOUNTANCY AND AUDITING.

Before taking Accountancy, every candidate must satisfy the Board of Commercial Studies of his fitness to enter upon the course.

Lecturer—MR. S. RUSSELL BOOTH, B.A.

The course, consisting of about 60 lectures, begins every alternate year, and is completed in two years. Each lecture lasts for two hours. The course will be continued in 1921.

Fee, 14s. 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 bookkeeping 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 system of separate balancing of ledgers explained and exemplified. Instruction given in the various forms of account suited to different businesses, including single traders, partnerships, executorship, assigned and insolvent estates, insurance companies, banks, companies of various classes (mining, trading, financial, etc.) from opening to liquidation, manufacturers and contractors' cost accounts explained.

Theoretical instruction on the above with full notes on principles and methods is alternated with practical work by means of numerous exercises and examples.

No text-books are prescribed, but reference to the following is recommended :

Pitman's : *Dictionary of Book-keeping.*

L. Dicksee : *Bookkeeping for Accountancy Students.*

L. Dicksee : *Advanced Accountancy.*

Dawson : *Accountant's Companion.*

W. N. Jenkinson : *Bookkeeping.*

A. E. Barton : *Australasian Advanced Accountancy.*

The second year of the course includes the subject of Auditing, in which the instruction includes notes on the duties, responsibilities, and qualifications of auditors, programmes of audit of various classes of businesses, the treatment of general and special points arising in different audits, definitions of auditing, etc., and the auditing criticism of defective or erroneous balance sheets on examples.

Text-books recommended :

L. Dicksee : *Auditing.*

Cutfords : *Audits.*

Evans, W. E. : *Student's Auditing.*

Spicer & Pegler : *Practical Auditing.*

 OPTIONAL SUBJECTS.

1. INDUSTRIAL PRACTICE.

Lecturer—MR. H. HEATON, M.A., M.Com.

The course, consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be given in 1922.

Fee 10s. 6d. per term.

SYNOPSIS OF COURSE.

Development of modern industry. Types of industrial units.
 Large-scale production. Combination and integration.
 The financing of new businesses and of extensions. Location and laying-out of works.
 Organization of control and responsibility. Departmental organization.
 Industrial efficiency. Factors affecting productivity.
 Price and cost. Use of cost accounts. Labour records and classification.
 Subsidiary industries and bye-products.
 Problems of distribution and sale.
 Methods of remuneration. Hours of labour. State regulation.
 Questions of policy and finance. Depreciation. Reserve Fluctuations.

TEXT-BOOKS.

L. R. Dicksee : *Business Organisation* (Longman).
 C. E. Woods : *Organising a Factory* (Shaw, Chicago).
An Encyclopaedia of Industrialism (Nelson).

2. COMMERCIAL PRACTICE.

Lecturer—MR. ROBERT M. STEELE, A.C.U.A.,

The Course, consisting of about 30 lectures, is given every alternate year, and is completed in one year; it will be given in 1921.

Fee, 10s. 6d. per term.

It deals with :

Office and staff organization.

Method of conducting different meetings and the procedure followed at same.

The functions of Chambers of Commerce, Chambers of Manufacture, and certain Government Departments, their use and assistance to the commercial community.

The principles and practices of different businesses; methods of sale.

Combination and amalgamation.

Definitions and use of mercantile documents, forms, terms and phrases. Explanations of customary clauses in various contracts.

Insurance, arbitration, taxation.

Duties and responsibilities of Directors, Managers, Secretaries, and Executors.

Procedure under the Local Courts Act.

TEXT-BOOKS.

J. William Schulze : *The American Office* (1913 ed.).
 B. Olney Hough : *Practical Exporting* (1918 ed.).

3. BANKING AND EXCHANGE.

Lecturer—MR. JOHN SUTTON.

This course, consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be given in 1922. Fee, 10s. 6d. per term. It will deal with the following, *inter alia* :

Money and credit as the media of exchange. Functions and attributes of money. Conditions which justify paper money. The single standard of value. The coinage. Forms and requisites of cheques, bills of exchange, and other instruments of credit and the rights and liabilities of all parties thereto. The foreign exchanges. The supply of gold in relation to prices. Origin and development of banking. Constitution of present-day banks. The Bank of England. English banking and gold reserves. European banking and note systems. Distinctive features of Scottish, United States, Canadian and Australian banking systems. Laws affecting bankers and their customers. Financial crises. Government regulation or control of banking in various countries.

TEXT-BOOKS.

Sykes: *Banking and Currency*.Barker: *Cash and Credit* (Camb. Univ. Manuals).Barker: *The Theory of Money* (Camb. Univ. Manuals).The Commonwealth *Coinage Act* (No. 6 of 1909).The Commonwealth *Bills of Exchange Act* (No 27 of 1909).The Commonwealth *Australian Notes Acts* (Nos. 11 of 1910 and 21 of 1911).

4. PUBLIC ADMINISTRATION AND FINANCE.

This course will deal with the organisation of Federal, State, and local administrations, and the functions of each. It will study the chief revenue systems, and also the control of State activity and expenditure. Some attention will be given to methods of administration and public finance in the United Kingdom, Germany, and the United States. A number of Budgets and Budget Speeches will be examined in detail.

The course will not be given before 1922.

5. TRANSPORT AND MARKETING.

This course will deal with the organisation and procedure of marketing, imports and exports, distribution, customs and harbour dues, transport by land and sea. It will also treat of the chief markets to which Australian produce is sent.

The course will not be given before 1922.

6. AUSTRALIAN INDUSTRIES.

Lecturer—MR. WILLIAM HAM.

The course, consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be given in 1921.

Fee, 10s. 6d. per term.

SCOPE OF COURSE.

The growth, extent, distribution, and organisation of the chief Australian industries.

1. *Agriculture and Pastoral Industries.* The growth of rural settlement. Geographical and climatic factors. Wool and Meat. Dairying. Agriculture. Orcharding, etc. Dry farming, irrigation. Agricultural education and co-operation. Markets and marketing. Land tenure.
2. *Mining.* Distribution of minerals, and history of chief centres. General character of processes. Markets.
3. *Manufactures.* Growth of manufacturing industries, and present extent. Tariff. Distribution of industries. Organisation. Technology of chief manufactures.
4. *Transport.* Railway system. Procedure in handling goods. Shipping.
5. *State and Industries.* Chief Government departments concerned with industries. Experiments, investigations, and scientific research.

TEXT-BOOK.

Commonwealth Year Book (last issue).

7. STATISTICS.

Lecturer--

The course, consisting of about 30 lectures, is given every alternate year, and is completed in one year. It will be given in 1921.

Fee, 10s. 6d. per term.

SCOPE OF COURSE.

The course will deal generally with the interpretation and use of statistics, their methods of compilation, and the most important statistical publications, especially Australian.

Nature and use of statistics.

Accuracy and approximation.

Averages and other arithmetical processes.

Diagrams and curves.

Tabulation.

Sampling.

Index numbers.

Exercises in interpretation of State and Commonwealth publications.

TEXT-BOOKS.

A. L. Bowley : *Elementary Manual of Statistics* (Macdonald and Evans).

Knibbs : *Private Wealth of Australia*.

Knibbs : *Prices, Price Indexes, and Cost of Living in Australia* (Labour and Industrial Branch Report, No. 1).

S. ECONOMIC GEOGRAPHY II.

Lecturer—MR. R. J. M. CLUCAS, B.A.

This course, consisting of about 30 lectures, begins every alternate year, and is completed in one year; and it can only be taken, except with the special permission of the Lecturer, by those who have attended lectures in Part I.

The lectures will deal with certain materials of commerce omitted from Part I., and with the regional geography of the principal industrial countries of importance to Australia.

Fee, 10s. 6d. per term.

PROVISIONAL
TIME-TABLE OF LECTURES
FOR 1921.

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First Term begins 8th March and Lectures on 14th March.
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1. Economics and Commercial History
(First Year) Tuesdays : 6.45 p.m.
(Second Year) Thursdays : 6.15 p.m.
 2. Economic Geography, Part I. Wednesdays : 6.45 p.m.
 3. Industrial and Commercial Law ... Tuesdays : 7.50 p.m.
 4. Accountancy and Auditing (Second
Year) Thursdays : 7.15 p.m.
 5. Commercial Practice ...
 6. Australian Industries ...
 7. Statistics ...
- } To be arranged.

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(This Time-table is subject to readjustment at a meeting
of Lecturers and prospective students to be held in the first
week of term)

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE.

SYLLABUS.

I. ECONOMICS AND COMMERCIAL HISTORY.

This subject consists of the lectures and examinations in Economics (First Course) and Economic History, for the B.A. and M.A. Ordinary degrees. (For details see numbers 15A and 16.) Fee for lectures: 10/6 per term for each course.

If the two courses are not taken in the same year, Economic History must be taken first.

II. ADVANCED ECONOMICS.

This subject consists of the lectures and examinations in Economics (Second Course) for the B.A. and M.A. Ordinary degrees. (For details, see number 15B.) Students must pass the examination in Economics and Commercial History (15A and 16) before taking this course.

Fee for lectures: 10/6 per term.

III. BRITISH CONSTITUTIONAL HISTORY.

The course of study will consist of three parts:

- (a) British Constitutional History from the beginning;
- (b) Canadian Constitutional History;
- (c) Imperial Reconstruction since 1870.

Students who have taken one or more of these parts in the course for the B.A. degree must consult the professor who will prescribe a thesis and such other work as may be deemed necessary.

IV. POLITICAL SCIENCE:

This course is given every second year, and is completed in one year. It will be given in 1922.

NOTE: Students are recommended to consult the lecturer in Economics before commencing the course for the Diploma. There is no restriction regarding the number of subjects that may be taken at one time, except that no student may take Advanced Economics until he has passed in Economics and Commercial History. All lectures are given in the evening, commencing in March and concluding in October. There is no entrance examination, but proficiency in the writing of English will be taken into account in granting the Diploma.

ASSOCIATE IN MUSIC.

NOTICE.

In both the First and Second Year of the course candidates in ever subject will be expected to show a general knowledge of matters connected with marks and signs, tonality and form, in the works presented for examination.

DETAILS OF SUBJECTS FOR EXAMINATION IN 1921.

FIRST YEAR.

PRACTICAL WORK.

Pianoforte.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list:—

Czerny : Op. 740, No. 17, A minor.

Cramer : XVII., D major (Bülow).

Beethoven : Sonata, Op. 13, second and third movements.

Bach : Partita in B flat, any two movements.

Mendelssohn : Zwei Klavierstücke in B flat and G minor.

Schubert : Moment Musical in A flat, Op. 94, No. 6.

As an alternative to the last two, candidates may submit any two works from List D in Grade II. of A.M.E.B.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory the following technical exercises:—

Any major, minor, or chromatic scale—

(a) With each hand separately through a compass of four octaves.

(b) With both hands together in similar motion an octave apart through a compass of four octaves.

(c) With both hands together in contrary motion through a compass of two octaves. Minor scales in contrary motion will be required in the *harmonic* form only.

(d) With each hand separately, beginning and ending on the third note of the scale, instead of the first.

Any arpeggio formed of common chords, chords of the dominant seventh and diminished seventh and their inversions

(a) With each hand separately through a compass of two octaves

(b) With both hands together in similar motion an octave apart through a compass of two octaves.

3. To read at sight.
4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or intervals within the limits of a major ninth, played on the Pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

Organ.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—

Albrechtsberger : Any two of the Trios.

Bach : Prelude and Fugue in E minor (Novello, Vol. II.).

Mendelssohn : Sonata No. IV., second and third movements.

Smart : Prelude in A.

Rheinberger : Monologues, any one.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play any major, minor, or chromatic scale—
 - (a) With the hands separately or together, compass three octaves
 - (b) With the feet alone, through the compass of the pedal board, but incomplete octaves will not be required.
3. To read at sight.
4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the organ and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

Singing.

Each candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of the Third Term, a list of works under the following headings :—

Solfeggi, to be sung to the Solfeggi syllables.

Two excerpts from Oratorio, one florid, one sustained ; at least one must include a Recit.

One classic song of the Italian, French, or German school.

One classic song of the English school (such as those of Purcell, Arne, Blow, Bishop, etc.).

The English language only will be required.

If such list be approved by the Director, the candidate will be required in the examination, to sing one or more pieces or portions of them, selected by the Examiner or Examiners, from that list.

Further, each candidate may be examined in works studied by him during the year in addition to those contained in the list approved.

2. To sing the ascending and descending major and minor (both forms) scales within the compass of his or her voice.

3. To sing at sight passages selected by the Examiner or Examiners.

4. To qualify in ear tests. Candidates will be required to sing from a given note the note above or below it, forming any diatonic interval within the compass of an octave.

Violin.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them selected by the Examiner or Examiners from the following list:—

Kayser : Thirty-six Studies, Op. 20, book 3, No. 35, in B minor.

Dont : Twenty Progressive Exercises, Op. 38, No. 18, in F.

Corelli : Sonata in A major, second book (Augener Edition).

Accolay : Concerto in A minor.

Drdla : Souvenir in D.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms) extending through a compass of two octaves.

(a) Detached bowing—one note to a bow

(b) Slurred bowing—seven notes to a bow.

To play the common chord in arpeggio of any major or minor key to the extent of two octaves—six notes to a bow.

The chromatic scale from G, A, or B flat to the extent of two octaves—twelve notes to a bow.

3. To play at sight.

4. To qualify in Ear Tests:—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

Violoncello.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list:—

Kummer : Op. 57, Nos. 1 and 2.

Davidoff : Romance sans paroles.

Marcello : Grave and last Allegro from Sonata in G (Schott).

Goltermann : Concertstück in D Minor.

2. To play any major or minor scale extending through a compass of two octaves.

(a) Detached bowing, one note to a bow.

(b) Slurred bowing, not more than four notes to a bow.

3. To read at sight.

4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

PAPER WORK

for candidates in Practical Subjects.

1. Musical terminology and Elements of Music
2. Common chords, dissonant triads and their inversions
3. The chord of the dominant seventh and its inversions

and candidates may be required to harmonise a simple figured bass limited to the above-mentioned chords.

Musical Composition.

Candidates will be required to work a paper in Elementary Musical Composition, will be required to show a knowledge of the Rhythmic construction of musical phrases and sentences, and in lieu of the paper work set for candidates in other principal subjects will be required to work a paper in Harmony, the scope of which will include ordinary combinations of diatonic harmony suspensions, passing notes, key tonality, and modulation.

SECOND YEAR.

PRACTICAL WORK.

Pianoforte.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—

Moscheles : Op. 70, No. 1 in C, *or*

Czerney : Op. 740, No 14, in G minor.

Cramer : No 6, in F sharp minor (Bülow).

Bach : Prelude and Fugue in F sharp, First Book.

Schubert : Sonata in A, Op. 120.

Mendelssohn : Characteristic Pieces, Op. 7, No. 7, E major.

Chopin : Fantasie Impromptu.

As an alternative to the last two, candidates may submit any two works from List E in Grade I. of A.M.E.B.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory the following technical exercises :—

Any major, minor, or chromatic scale —

- (a) With each hand separately through a compass of four octaves.
- (b) With both hands together in similar motion at the intervals of an octave, a third, a sixth, and a tenth, through a compass of four octaves.
- (c) With both hands together in contrary motion, beginning with the key note in either hand, and the third of the scale in the other through a compass of two octaves. Minor scales in contrary motion will be required in the *harmonic* form only. The scales to be played *legato* or *staccato*.

Arpeggios formed of common chords, dominant sevenths, diminished sevenths, and their inversions, with each hand separately, and with both hands together in similar motion an octave apart—compass, four octaves.

Octave scales (*staccato*) with each hand separately, and both hands together in similar motion, through a compass of three octaves.

3. To play at sight.

4. To qualify in ear tests.

Candidates will be required to name any interval within the limits of a major ninth, played on the pianoforte, and to recognise any of the following chords when played—major common chord, minor common chord, chord of the dominant seventh in root position.

Organ.

Each Candidate will be required—

1. To play any major, minor or chromatic scale :—

- (a) With the hands alone, through a compass of three octaves.
- (b) With the feet alone, through the compass of the pedal board except that incomplete octaves will not be required.
- (c) With the feet and each hand separately in contrary motion, compass one octave (minor scales in contrary motion to be in the harmonic form only).

2. To play one or more pieces or any portions of them selected by the Examiner or the Examiners from the following list :—

Bach : Sonata No. 3, first and second movements.

Bach : Prelude and Fugue in C major (Vol. III. Novello).

Rheinberger : Sonata in E flat minor, first and second movements.

Guilmant : Allegretto in B minor (Op. 19, No. 1).

Smart : Postlude in D.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

3. To play at sight.
4. To qualify in ear tests.

Candidates will be required to name any interval within the limits of a major ninth, played on the Organ, and to recognise any of the following chords when played—major common chord, minor common chord, chord of the dominant seventh in root position.

Violin.

Each candidate will be required—

1. To play one or more pieces or any portions of them selected by the Examiner or Examiners from the following list:—
 Kreutzer: 42 Studies, No. 14, in A major.
 Fiorillo: 36 Studies, No. 11, in D.
 Rode: Concerto in B flat, No. 6 (Augener Edition).
 Mozart: Sonata in E minor, No. 4 (Peters' Edition).
 Wieniawski: Legende.

Further, candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms), extending through a compass of two octaves.

Also, the major and minor scales (both forms) of G, A, and B, extending through a compass of three octaves—

- (a) Detached bowing—one note to a bow.
- (b) Slurred bowing—seven notes to a bow.
- (c) Spiccato bowing—two bows to each note.

To play the common chord in arpeggio of any major or minor key to the extent of two octaves—six notes to a bow.

Also, the common chord in arpeggio of G, A, or B, major or minor, to the extent of three octaves—detached and slurred bowing—six notes to a bow.

The Chromatic scale from any note to the extent of two octaves—twelve notes to a bow.

3. To play at sight.
4. To qualify in ear tests.

Candidates will be required to name any interval within the limits of a major ninth, played on the pianoforte, and to recognise any of the following chords when played—major common chord, minor common chord, chord of the dominant seventh in root position.

Violoncello.

Each candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list:—

Studies—

Schroeder: Op. 45, No. 1

Grutzmacher: Op. 38, Part 1, No. 3.

Pieces—

J. S. Bach: Solo Sonata, No. 1, in G major (first movement only)

Romberg: Concerto in D major (second movement).

Squire: Tarantelle in D minor.

Popper: Gavotte in D.

Further, candidates may be examined in works studied by them during the year, in addition to the foregoing.

2. To play from memory any major or minor scale through a compass of two octaves, four notes to a bow, also one note (detached).

Also, to play the scales of C major, G major, and D major, extending through a compass of three octaves.

To play the common chord in arpeggio, through a compass of two octaves in any major or minor key.

3. To play at sight.

4. To qualify in ear tests.

Candidates will be required to name any interval within the limit of a major ninth played on the pianoforte, and to recognise any of the following chords when played—major common chord, minor common chord, chord of the dominant seventh in root position.

Singing.

Each candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of the Third Term, a list of works under the following headings:—

Solfeggi, to be sung to the Solfeggi syllables.

Two excerpts from Oratorio, one florid one sustained, and at least one must include a Recit.

One Operatic excerpt.

One classic song of the Italian, French, or German school.

One classic song of the English school.

At least one of the above selections must be sung in Italian.

If such list be approved by the Director, the candidate will be required in the examination, to sing one or more pieces or portions of them, selected by the Examiner or Examiners, from that list.

Further, each candidate may be examined in works studied by him during the year in addition to those contained in the list approved.

2. To sing passages selected by the Examiner or Examiners at sight.

3. To qualify in Ear Tests :—Candidates will be required to sing from a given note the note above or below it forming any diatonic or chromatic interval within the compass of a major ninth, and to identify any such interval played upon the Pianoforte.

4. To sing all diatonic and chromatic scales and also arpeggios formed of common chords and the chord of the dominant seventh within the compass of his or her voice.

PAPER WORK

for candidates in Practical Subjects.

The scope of the paper work will be as follows :—

(a) Harmony.

Common chords and their inversions.

The diatonic and chromatic chords of the seventh and ninth.

Modulation, suspensions, and passing notes.

Harmonization of figured basses limited to the foregoing combinations.

Harmonization of simple melodies.

(b) History.

History of music during the eighteenth century.

THIRD YEAR.

PRACTICAL WORK.

Pianoforte.

Each Candidate will be required—

1. To play one or more pieces or any portions of them, selected by the Examiner or Examiners from the following list :—

Bach : Italian Concerto.

Beethoven : Sonata, Op. 90, or Op. 78, or Op. 81.

Schumann : Allegro, Op. 8, or Toccato, Op. 7.

Brahms : Intermezzi, Op. 117, No. 2 or 3.

Chopin : Study in F, Op. 10, or Study in C sharp minor, Op. 25.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing:

2. To play from memory the following technical exercises in addition to those prescribed for the Second Year :—

- (a) Arpeggios formed of common chords, dominant sevenths and diminished sevenths, both hands together in similar motion all positions of the chords being interchangeable between the two hands.
- (b) Double scales: major and minor scales in thirds and sixths, each hand separately, and both hands together in similar motion, chromatic scales in minor thirds, each hand separately and both hands together in similar motion, an octave apart.
- (c) Octaves: major minor and chromatic scales (*legato and staccato*) hands separately and both hands together in similar motion an octave apart. arpeggios formed of common chords, dominant sevenths and diminished sevenths (*staccato*) hands separately and both hands together in similar motion an octave apart.

3. To play at sight and to transpose.

4. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also to show a knowledge of standard Pianoforte music extending over a moderate range.

Organ.

Each Candidate will be required:—

1. To play one or more pieces or any portions of them selected by the examiners from the following list:—

Bach: Sonata, No. 6.

Prelude and Fugue in A minor (Novello, Vol. VII.).

Rheinberger: Sonata in E minor.

Guilmant: Prelude, Air and Variations in G.

Lemare: Marche Solennelle.

Karg-Elert: Any one of the "Three Impressions."

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play at sight and to transpose.

3. To extemporise on a given subject.

4. To play at sight from a vocal score in four parts including the use of the "G" and "F" clefs but not that of the "C" clefs.

5. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also to show a knowledge of standard Organ music extending over a moderate range.

Violin.

Each Candidate will be required—

To play one or more pieces or any portions of them, selected by the Examiner or Examiners from the following list:—

Fiorillo : 26 Studies, No. 34, in C.

Rode : Caprices, No. 13.

Beethoven : Concerto, first movement only.

Bach : Sarabande Double (2nd) and Bourrée, from Sonata in B minor, for violin alone.

Beethoven : Sonata for piano and violin, No. 1.

Wieniawski : Valse Caprice.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms) extending through a compass of three octaves. Detached, slurred, and spiccato bowing.

The common chord in arpeggio of any major or minor key to the extent of three octaves—detached and slurred bowing—nine notes to a bow.

The chromatic scale from any note to the extent of two octaves—twelve notes to a bow.

Also, the chromatic scale from G, A, B, and C to the extent of three octaves—twelve notes to a bow.

Scales in thirds, sixths, and octaves in the keys of G, A, B flat, C and D major and minor (melodic form only) to the extent of two octaves. Detached bowing only.

3. To play at sight and to transpose.

4. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also to show a knowledge of standard Violin music extending over a moderate range.

Violincello.

Each Candidate will be required—

1. To play one or more pieces or any portions of them, selected by the Examiner or Examiners from the following list—

Franchomme : Op. 35. Nos. 3 and 4.

Grutzmacher : Op. 38. No. 5.

Bach : Sonata No. 1 in G major (all movements).

Beethoven : Sonata for piano and 'cello, No. 2 in G minor.

St. Saens : 'Cello concert in A minor.

2. To play from memory any major or minor scale (melodic form) extending through a compass of three octaves. Detached and slurred bowing.

The common chord in arpeggio of any major or minor key to the extent of two octaves. Detached and slurred bowing (six notes to a bow).

The chromatic scale commencing on any note to the extent of two octaves (twelve notes to a bow).

3. To play at sight and to transpose.

4. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also show to a knowledge of standard violoncello music extending over a moderate range.

Singing.

Each Candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of the Third Term, a list of works under the following headings:—

One excerpt from an Oratorio with a Recit.

Two Operatic excerpts, one of which must be florid.

Three classic songs.

Students will be required to sing one of the above selections in Italian, and one in either French or German, as may be preferred.

If such list be approved by the Director, the candidate will be required in the examination, to sing one or more pieces or portions of them, selected by the Examiner or Examiners, from that list.

Further, each candidate may be examined in works studied by him during the year in addition to those contained in the list approved.

2. To sing the following exercises:—

(a) Any major or minor scale from the key-note or the third note of the scale to the eleventh note, also the chromatic scale

(b) Any arpeggio formed of the major or minor common chord, and the chords of the dominant and diminished seventh.

3. To accompany himself on the pianoforte in a modern song or ballad.

4. To read at sight.

Candidates must show some physiological knowledge of the voice, and a knowledge of the general principles of voice production.

5. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also to show a knowledge of standard Solo Vocal music extending over a moderate range.

PAPER WORK

for candidates in Practical Subjects.

The scope of the paper work will be as follows:—

(a) Harmony.

All harmonic combinations usual in part writing of not more than four parts.

Harmonization of melodies and basses (figured and unfigured) in not more than four parts.

(b) History of Music.

The Opera from A.D. 1600 to the time of Gluck.

The development of instrumental music from A.D. 1700 to A.D. 1825.

Form in Musical Composition.

Test in Pianoforte Playing for candidates who present themselves in subjects other than Pianoforte (*vide* Regulation VI).

1. Each candidate will be required to play the following Technical Exercises :—

- (a) Major and minor scales in all keys, with each hand separately (compass—three octaves), and with both hands together, in similar motion, separated by an octave (compass—three octaves). All minor scales to be in both forms.
- (b) Arpeggios formed of all the major and minor common chords with each hand separately (compass—three octaves).

2. Each candidate will be required to play two pieces selected from lists B, C, or D of Grade V. Book (Pianoforte), published by the Australian Music Examination Board.

TIME-TABLES FOR 1921.

FACULTIES OF SCIENCE AND ENGINEERING.

First and Second Years.

NOTE: Additional evening classes in Elementary Biology, Botany (first year), and Pure Mathematics (first year), will be arranged if sufficient applications are received.

No. in Sylla- bus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.
33	Applied Mathematics I.	10	—	10	—	10
34	Applied Mathematics II.	11	—	11	—	11
73	Applied Mechanics II. ...	—	8.15 p.m.	—	7.15 p.m.	—
75	Assaying I. ...	—	2-5	—	2-5	—
66	Biology—					
	1st Term only ...	12	—	12	—	12
	1st, 2nd, and 3rd terms	2-5	—	—	2-5	—
62	Botany I.—					
	Lectures ...	12	—	12	—	12
	Practical ...	—	11-1	2-4	11-1	1st term —
63	Botany II.—			1st term		
	Lectures ...	—	12	—	12	—
	Practical ...	—	2-5	—	—	2-5
45	Chemistry I. (compulsory)					
	Lectures ...	—	—	9	—	9
	Practical, two terms	—	2-4.30	—	—	2-4.30
	Evening ...	—	—	6.15-10	—	6.15-10
46	Chemistry II.—					
	Lectures ...	—	9	—	9	—
	Practical ...	9-12 } 2-5 }	—	10-12 } 2-5 }	—	—
	Chemistry Organic—					
51	(B. A. and					
53	Agricultural } Lectures	—	—	11	—	11
	Course.), } Practical	2-5	—	—	2-5	—
	1st & 2nd terms					
81	Drawing I. ...	2-4	—	2-4	—	—
82	Drawing II. ...	—	10-12	9-12 } 2-4 }	—	—
86	Fitting and Turning I. }	—	9-1	9-1	9-1	2-4
87	Fitting and Turning II. }	—	9-1	9-1	9-1	2-4

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.
55	Geology I.—					
	Lectures	—	—	11	—	11
	Practical	11	—	—	—	—
	Geology II.—					
	Lectures	—	11	—	11	—
	Practical	—	—	—	10	9
90	Machine Design I. ...	—	7. 15p.m.	—	8. 15 p.m.	—
93	Mechanical Engineering I. ...	—	—	—	2	12
94	II. prac. 2nd and 3rd terms only ...	2-5	—	—	—	—
94	II. Lectures	12	—	—	10	—
97	Metallurgy I.	—	12	—	12	—
37	Physics I.—					
	Lectures	9	10	—	10	—
	Practical	—	9	—	9	—
	Evening Course ...	—	6.15-8.15	—	6.15-8.15	—
38	Physics II.—					
	Lectures	12	—	12	12	—
	Practical	2-5	—	—	—	2-5
	2nd and 3rd terms ...	—	2-5	—	—	—
68	Physiology—					
	First Year, 1st Term, Histology ...	10-11	10-1	10-11	10-1	10-11
	2nd Term, Physiology	10-11	10-1	10 11	10-1	10-11
	2nd Term, Histology	—	—	—	10-1	—
	3rd Term, Bio-chemistry	10-11	10-1	10-11	10-1	10-11
	Second Year, 1st Term, Physiology	10-11	10-1	10-11	—	10-11
	Histology	—	—	11-12.30	—	11-12.30
30	Pure Mathematics—					
	1st Year	10	—	10	—	10
31	Pure Mathematics—					
	2nd Year	4	—	4	—	4
74	Strength of Materials ...	—	—	11	2.5	11
106	Surveying—					
	Lectures	—	12	—	—	12
	Practical	—	—	—	2.5	—
108	Woodworking	10	—	10	—	—

TIME-TABLES FOR 1921.

FACULTY OF ARTS.

No. in Syllabus.	Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.
1	Greek I. and II.	3	12	—	12	12
2	Latin I. and II.	4.10	4.10	—	4.10	4.10
4	Classics—Honours		Times	to be arranged.		
7	English Language and Literature I.	11	—	—	11	—
9	French I.	—	—	5.10	—	9 } Sat.
	II.	—	—	5.10	—	10 }
12	History I.	—	11	—	—	11
	History III.	5.10	—	—	5.10	—
15	Economics—					
	1st Year	—	6.45	—	6.15	—
	2nd Year	—	Times	to be arranged		
20	Economic History	—	—	6.30	—	6.30
21	Psychology	—	5.10	—	5.10	—
22	Logic*	—	—	5.10	—	—
23	Ethics	—	—	—	—	—
26	Philosophy	5.10	—	—	—	5.10
	Education	—	5.10	—	5.10	—

* One other hour to be fixed.

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