CALENDAR

OF THE

UNIVERSITY OF ADELAIDE

FOR THE YEAR

1914.

ADELAIDE:
W. K. THOMAS & CO., PRINTERS, GRENFELL STREET.

1914.

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NOTICE.

The undermentioned are published in separate volumes:—

1. Regulations, Details of Subjects, Examination Papers, and Examiners' Reports 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 1913.

PREFACE.

THE UNIVERSITY OF ADELAIDE was established by Act of Parliament in the year 1874, and in the year 1881 Royal Letters Patent were issued by Her Majesty Queen Victoria declaring that the degrees granted by it should be 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.

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) Mathematics and Mechanics, including Engineering.
(5) Physics, (6) Anatomy, (7) Physiology.
(8) Chemistry, (9) Botany, (10) Law, and (11) Music.

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. It now contains over 29,000 volumes.

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, and Electrical Engineering. The University and the School of Mines, acting in concert, hold examinations and grant Diplomas in various branches of Applied Science.

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, or—with the Chancellor—26.

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 696, and the number admitted *ad eundem gradum*, 298. The number of undergraduates in 1913 was 395, exclusive of 20 graduates in arts proceeding to the M.A. degree, and of non-graduating students, 305. The number of those studying at the Elder Conservatorium was 318. The teaching staff of the University comprises 11 Professors and 30 Lecturers, and that of the Elder Conservatorium 13 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), 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.

1914.		JANUARY XXXI.
1	TH	New Year's Day. Commonwealth inaugurated, 1901.
2	F	
3	S	
4	S	
5	M	
6	TU	
7	W	
8	TH	
9	F	
10	S	
11	S	
12	M	
13	TU	
14	W	
15	TH	
16	F	Education Committee meet.
17	S	
18	S	
19	M	
20	TU	
21	W	
22	TH	Finance Committee meet.
23	F	Council Meeting.
24	S	
25	S	
26	M	Public Holiday. Anniversary Foundation of Australia, 1788.
27	TU	
28	W	
29	TH	
30	F	
31	S	

FEBRUARY XXVIII.		1914.
1	*S*	
2	M	Medical Students begin work at Adelaide Hospital.
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	*S*	
9	M	Last day of entry for LL.B., Supplementary Degree, and
10	Tu	Special Senior Public Examinations in March.
11	W	
12	Th	
13	F	
14	S	
15	*S*	
16	M	
17	Tu	
18	W	
19	Th	
20	F	Education Committee meet.
21	S	
22	*S*	
23	M	
24	Tu	
25	W	
26	Th	Finance Committee meet.
27	F	Council Meeting.
28	S	Last day of entry for Evening Studentships.

NOTE.

School of Mines First Term begins 11th February.

1914.		MARCH XXXI.
1	*S*	
2	M	Conservatorium First Term begins.
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	*S*	
9	M	Long vacation ends.
10	Tu	First Term begins. LL.B., Supplementary Degree, and Special Senior Public Examinations begin.
11	W	
12	Th	
13	F	
14	S	Last day for sending to Clerk notices of motion for meeting of Senate on March 26th.
15	*S*	
16	M	Lectures begin.
17	Tu	
18	W	
19	Th	
20	F	Education Committee meet.
21	S	
22	*S*	
23	M	
24	Tu	
25	W	Senate meeting.
26	Th	Finance Committee meet.
27	F	Council Meeting.
28	S	
29	*S*	
30	M	
31	Tu	

APRIL XXX.		1914.
1	W	Last day of entry for Public Examinations in Theory and Practice of Music, to be held in May.
2	Th	Last day for sending in compositions for the Mus. Doc. Degree.
3	F	
4	S	
5	*S*	
6	M	
7	Tu	
8	W	
9	Th	
10	F	Good Friday. Easter recess begins.
11	S	
12	*S*	Easter Day.
13	M	Easter Monday.
14	Tu	Easter recess ends.
15	W	Lectures resumed.
16	Th	
17	F	Education Committee meet.
18	S	
19	*S*	
20	M	
21	Tu	
22	W	
23	Th	Finance Committee meet.
24	F	Council Meeting.
25	S	
26	*S*	
27	M	
28	Tu	
29	W	
30	Th	

1914.		MAY XXXI.
1	F	Examinations in Theory and Practice of Music begin.
2	S	Conservatorium First Term ends.
3	*S*	
4	M	
5	Tu	
6	W	Accession of King George V.
7	Th	
8	F	
9	S	
10	*S*	
11	M	Public Holiday (Accession of King George V. Celebration.) Conservatorium Second Term begins.
12	Tu	
13	W	
14	Th	
15	F	First Term and Lectures end.
16	S	
17	*S*	
18	M	
19	Tu	
20	W	
21	Th	
22	F	Education Committee meet.
23	S	
24	*S*	
25	M	Second Term begins. Lectures resumed.
26	Tu	
27	W	
28	Th	Finance Committee meet.
29	F	Council Meeting.
30	S	
31	*S*	

JUNE XXX.		1914.
1	M	
2	Tu	
3	W	King George V. born, 1865.
4	Th	
5	F	
6	S	
7	*S*	
8	M	Public Holiday. King George's Birthday.
9	Tu	
10	W	
11	Th	
12	F	
13	S	
14	*S*	
15	M	
16	Tu	
17	W	
18	Th	
19	F	Education Committee meet.
20	S	
21	*S*	
22	M	
23	Tu	Prince of Wales born, 1894.
24	W	
25	Th	Finance Committee meet.
26	F	Council Meeting.
27	S	
28	*S*	
29	M	Public Holiday. Prince of Wales Birthday.
30	Tu	

1914.		JULY XXXI.
1	W	Last day of entry for the M.D. and M.S. Examinations to be held in November.
2	Th	
3	F	
4	S	
5	S	
6	M	
7	Tu	
8	W	
9	Th	
10	F	
11	S	Last day for sending to Clerk notices of motion for Senate Meeting on July 22nd. Conservatorium Second Term ends.
12	S	
13	M	
14	Tu	Last day of entry for the Primary Public Examination to be held in August.
15	W	
16	Th	
17	F	
18	S	
19	S	
20	M	Conservatorium Third Term begins.
21	Tu	
22	W	Senate Meeting.
23	Th	
24	F	Education Committee meet.
25	S	
26	S	
27	M	
28	Tu	
29	W	
30	Th	Finance Committee meet.
31	F	Council Meeting.

AUGUST XXXI.		1914.
1	S	
2	*S*	
3	M	Examination for the Degree of Doctor of Music begins.
4	Tu	
5	W	
6	Th	
7	F	Second Term and Lectures end.
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	Education Committee meet.
22	S	
23	*S*	
24	M	Last day of entry for the Examinations in Theory and Practice of Music, to be held in September.
25	Tu	Primary Examination begins.
26	W	
27	Th	Finance Committee meet.
28	F	Council Meeting.
29	S	
30	*S*	
31	M	Third Term begins. Lectures resumed.

1914.		SEPTEMBER XXX.
1	Tu	
2	W	
3	Th	
4	F	
5	S	
6	*S*	
7	M	
8	Tu	
9	W	
10	Th	
11	F	
12	S	
13	*S*	
14	M	
15	Tu	
16	W	
17	Th	
18	F	Education Committee meet.
19	S	Conservatorium Third Term ends.
20	*S*	
21	M	
22	Tu	Examinations in Theory and Practice of Music begin.
23	W	
24	Th	Finance Committee meet.
25	F	Council Meeting.
26	S	
27	*S*	
28	M	
29	Tu	
30	W	Last day for sending in compositions for the Mus. Bac. degree and thesis for the M.A. Honours degree.

OCTOBER XXXI.		1914.
1	Th	Last day of entry for the Junior, Senior, and Higher Public, for the Junior and Senior Commercial, and for the Angas Engineering Exhibition Examinations, to be held in November.
2	F	
3	S	
4	*S*	
5	M	Last day of entry for Degree and Diploma Examinations to be held in November.
		Conservatorium Fourth Term begins.
6	Tu	
7	W	
8	Th	Meeting of University to elect representatives on the Board of Governors of the Public Library, &c.
9	F	
10	S	
11	*S*	
12	M	
13	Tu	
14	W	Public Holiday (Eight Hours Day).
15	Th	
16	F	
17	S	
18	*S*	
19	M	
20	Tu	
21	W	
22	Th	
23	F	Lectures end. Education Committee meet.
24	S	
25	*S*	
26	M	
27	Tu	
28	W	
29	Th	Finance Committee meet.
30	F	Meeting of Council.
31	S	

1914.		NOVEMBER XXX.
1	*S*	
2	M	
3	Tu	
4	W	
5	Th	Degree and Diploma Examinations and Examinations for Associate in Music, Scholarship, etc., begin.
6	F	
7	S	
8	*S*	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	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 Senate Meeting on November 25th.
15	*S*	
16	M	Public Examinations and Angas Engineering Examinations begin.
17	Tu	
18	W	
19	Th	
20	F	Education Committee meet.
21	S	
22	*S*	
23	M	
24	Tu	
25	W	Senate meeting. Election of Warden and Clerk and of members of Council.
26	Th	Finance Committee meet.
27	F	Council Meeting.
28	S	
29	*S*	
30	M	

DECEMBER XXXI.		1914.
1	Tu	
2	W	
3	Th	
4	F	Education Committee meet.
5	S	
6	S	
7	M	
8	Tu	Third Term ends.
9	W	
10	Th	Finance Committee meet.
11	F	Council Meeting.
12	S	Conservatorium Fourth Term ends.
13	S	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	
22	Tu	
23	W	
24	Th	
25	F	Christmas Day.
26	S	
27	S	
28	M	Anniversary of Proclamation of South Australia, 1836.
29	Tu	
30	W	
31	Th	

The University of Adelaide.

1914

Visitor.

HIS EXCELLENCY THE GOVERNOR.

Chancellor.

THE RIGHT HON. SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Lieutenant-Governor and Chief Justice of South Australia. Elected, for the first time, 26th January, 1883; re-elected, for the seventh time, 26th January, 1912.

Vice-Chancellor.

WILLIAM BARLOW, B.A., LL.D. Elected for the first time, September 25th, 1896; re-elected, for the fifth time, November 25th, 1910.

The Council.

THE CHANCELLOR. Appointed a member by the Governor in 1874.

THE VICE-CHANCELLOR. A member since 1882. Date of last election, 23rd November, 1910.

GEORGE BROOKMAN, J.P. A member since 1901. Date of last election, 27th November, 1912.

FREDERIC CHAPPLE, B.A., B.Sc. (Warden of the Senate). A member since 1897. Date of last election, 26th November, 1913.

PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. A member since 1903. Date of last election, 23rd November, 1910.

JAMES RICHARD FOWLER, M.A. A member since 1901. Date of last election, 27th November, 19 2.

REV. CANON GIRDLESTONE, M.A. A member since 1901. Date of last election, 26th November, 1913.

WILLIAM GEORGE TOOP GOODMAN, M.I.C.E., M.I.E.E. Elected 26th March, 1913.

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S. A member since 1900. Date of last election, 27th November, 1912.

WILLIAM JAMES ISBISTER, LL.B. A member since 1905. Date of last election, 26th November, 1913.

REV. JAMES JEFFERIS, LL.D. A member since 1885. Date of last election, 23rd November 1910.

WILLIAM LOWRIE, M.A., Elected 22nd November, 1911.

MILTON MOSS MAUGHAN, B.A. Elected 26th March, 1913.

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. A member since 1896. Date of last election, 22nd November, 1911

THE HONOURABLE MR. JUSTICE MURRAY, B.A., LL.M. A member since 1891. Date of last election, 27th November, 1912.

BENJAMIN POULTON, M.D. A member since 1899. Date of last election, 23rd November, 1910.

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

ROBERT BARR SMITH. A member since 1896. Date of last election, 22nd November, 1911.

SYDNEY TALBOT SMITH, M.A., LL.B. A member since 1903. Date of last election, 22nd November, 1911.

PROFESSOR EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., D.Sc., F.R.S. F.R.C.S. A member since 1881. Date of last election, 27th November, 1912.

HON. FREDERICK WILLIAM YOUNG, M.P. LL.B. A member since 1910. Date of last election, 26th November, 1913.

Appointed by Parliament—March, 1912—

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

W. ANGUS, B.Sc., M.P.

W. J. DENNY, M.P.

S. B. RUDALL, M.P

Appointed by Legislative Council, October, 1913—

HON. SIR J. DOWNER, K.C.M.G., K.C., M.L.C., vice Hon. Sir J. J. Duncan, deceased.

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, B.A., B.Sc. Elected for the first time, 1883; date of last election, 27th November, 1912.

CLERK—THOMAS AINSLIE CATERER, B.A.

FORMER OFFICERS OF THE UNIVERSITY.

Chancellors.

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

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

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.

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. 1874-1882

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

COMMITTEES, FACULTIES, AND BOARDS FOR 1914.

Education Committee.

THE CHANCELLOR, CHAIRMAN.

THE VICE-CHANCELLOR (Deputy Chairman
MR. F. CHAPPLE
REV. CANON GIRDLESTONE
REV. DR. JEFFERIS
MR. JUSTICE MURRAY
MR. S. B. RUDALL
MR. W. ANGUS
MR. S. TALBOT SMITH
MR. M. M. MAUGHAN
MR. J. R. FOWLER
MR. WM. LOWRIE
THE PROFESSORS OF THE UNIVERSITY.

Finance Committee.

MR. G. BROOKMAN, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR
MR. R. BARR SMITH
MR. W. J. ISBISTER
MR. JUSTICE MURRAY
MR. J. R. FOWLER
MR. W. G. T. GOODMAN
MR. S. TALBOT SMITH
HON. F. W. YOUNG
SIR J. L. STIRLING
SIR J. W. DOWNER
MR. W. J. DENNY

Library Committee.

PROFESSOR STIRLING, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR
MR. J. R. FOWLER
MR. R. BARR SMITH
MR. S. TALBOT SMITH
THE PROFESSORS OF THE UNIVERSITY

Joint Board.

UNIVERSITY AND SCHOOL OF MINES AND INDUSTRIES.

THE CHANCELLOR (Chairman).

THE PRESIDENT SCHOOL OF MINES AND INDUSTRIES, SIR LANGDON BONYTHON (Vice-Chairman)
HON. J. H. HOWE
PROFESSOR CHAPMAN
PROFESSOR KERR GRANT
PROFESSOR RENNIE

Extension Lectures Committee.

PROFESSOR NAYLOR, CHAIRMAN.

THE CHANCELLOR
THE VICE-CHANCELLOR
MR. W. HOWCHIN
DR. MAWSON
THE PROFESSORS OF THE UNIVERSITY

Faculty of Law.

PROFESSOR BROWN, DEAN.

Members *ex officio*—

THE CHANCELLOR
THE VICE-CHANCELLOR
MR. JUSTICE MURRAY
THE PROFESSOR OF CLASSICS
DEAN OF THE FACULTY OF ARTS
MR. F. A. D'ARENBERG
MR. P. E. JOHNSTONE
MR. T. S. POOLE
MR. E. W. BENHAM

Appointed by Council—

HON F. W. YOUNG
SIR J. W. DOWNER
MR. W. J. ISBISTER
MR. A. W. PIPER

Faculty of Medicine.

PROFESSOR STIRLING, DEAN.

Members *ex officio*—

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THE VICE-CHANCELLOR
PROFESSOR WATSON
PROFESSOR RENNIE
PROFESSOR KERR GRANT
DR. VERCO
DR. POULTON
DR. LENDON
DR. BORTHWICK
DR. SWIFT
DR. de CRESPIGNY
DR. REISSMAN
DR. W. T. COOKE
MR. W. R. CAVENAGH-MAINWARING
MR. J. A. G. HAMILTON
MR. G. A. FISCHER
MR. W. T. HAYWARD
MR. A. M. CUDMORE
MR. A. M. MORGAN
MR. H. S. NEWLAND
MR. M. H. DOWNEY
MR. A. C. MAGAREY

Appointed by Council—

MR. JUSTICE MURRAY
PROFESSOR MITCHELL
MR. W. LOWRIE

Faculty of Arts.

PROFESSOR MITCHELL, DEAN.

Members *ex officio*—

THE CHANCELLOR
THE VICE-CHANCELLOR
THE PROFESSOR OF CLASSICS
THE LECTURER IN GREEK AND LATIN
THE PROFESSOR OF ENGLISH LITERATURE AND HISTORY
THE PROFESSOR OF ECONOMICS AND MENTAL AND MORAL SCIENCE
THE PROFESSOR OF MATHEMATICS
THE DEAN OF THE FACULTY OF SCIENCE
PROFESSOR KERR GRANT

Appointed by Council—

MR. F. CHAPPLE
REV. CANON GIRDLESTONE
MR. J. R. FOWLER
MR. M. M. MAUGHAN
DR. SCHULZ

Faculty of Science.

MR. W. HOWCHIN, DEAN.

Members *ex officio*—

THE CHANCELLOR
THE VICE-CHANCELLOR
PROFESSOR STIRLING
PROFESSOR RENNIE
PROFESSOR CHAPMAN
PROFESSOR KERR GRANT
PROFESSOR OSBORN
DR. MAWSON
DR. W. T. COOKE
MR. H. W. GARTRELL
MR. E. V. CLARK
MR. H. R. CORBIN

Appointed by Council—

REV. DR. JEFFERIS
MR. F. CHAPPLE
MR. W. LOWRIE
MR. W. G. T. GOODMAN

Faculty of Applied Science.

MR. F. W. REID, DEAN.

THE CHANCELLOR
THE PRESIDENT SCHOOL OF MINES
PROFESSOR RENNIE
PROFESSOR CHAPMAN
PROFESSOR KERR GRANT
MR. J. P. WOOD
MR. E. V. CLARK
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ROBERT WILLIAM CHAPMAN, M.A., B.C.E. (Melb.) Appointed Lecturer in 1889; Professor of Engineering, 1907; Professor of Mathematics and Mechanics in 1910.

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

Physics.

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

Lecturer on Electric Engineering :
EDWARD VINCENT CLARK, B.Sc. Appointed 1910.

Geology and Mineralogy.

Lecturer on Geology and Palaeontology :
WALTER HOWCHIN, F.G.S. Appointed 1902

Lecturer on Mineralogy and Petrology :
DOUGLAS MAWSON, B.E., B.Sc. (Syd.), D.Sc. (Adel.) Appointed 1905.

Anatomy.

The Elder Professor :
ARCHIBALD WATSON, M.D. (Paris [and Göttingen), F.R.C.S. Appointed 1885.

Physiology.

Professor :
EDWARD CHARLES STIRLING, C.M.G., M.A., M.D. (Camb. and Melb.), D.Sc. (Camb.), F.R.S., F.R.C.S. Appointed Lecturer, 1882, Professor in 1900.

Demonstrator in Physiology and Lecturer on the Elements of Biology:
WILLIAM FULLER.

Chemistry.

The Angas Professor :
EDWARD HENRY RENNIE, M.A. (Syd.), D.Sc. (Lond. and Melb.). Appointed 1884.

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

Botany.

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Law.

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THOMAS BORTHWICK, M.D. (Edin.).

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

Lecturer on Materia Medica and Therapeutics :
WILLIAM THORNBOROUGH HAYWARD, M.R.C.S.

Lecturer on the Principles and Practice of Surgery :
BENJAMIN POULTON, M.D., Ch.B. (Melb.), M.R.C.S.

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HARRY SWIFT, M.D.

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The Dr. Edward Willis Way Lecturer on Gynaecology :
JAMES ALEXANDER GREER HAMILTON, B.A., M.B. (Dub.) Appointed 1901.

Lecturer on Obstetrics and Diseases of Children :
ALFRED AUSTIN LENDON, M.D., (Lond.).

The Dr. Charles Gosse Lecturer on Ophthalmic Surgery :
ALEXANDER MATHESON MORGAN, M.B., B.S. Appointed 1910.

Lecturer on Aural Surgery :
GEORGE ALFRED FISCHER, B.A., M.B., B.S.

Lecturer on Forensic Medicine :
CHARLES HENRY REISSMANN, M.A., M.D., Ch.B. (Cantab.), M.R.C.P. Appointed 1912.

Lecturer on Lunacy:
MICHAEL HENRY DOWNEY, M.B., B.S. Appointed 1912.

Lecturer on Practical Pathology and Histology:
CONSTANTINE T. C. DE CRESPIGNY, M.D., B.S. (Melb.). Appointed 1911.

Clinical Lecturer on the Medical Diseases of Children:
HARRY SWIFT, M.D.

Clinical Lecturer on the Surgical Diseases of Children:
HENRY SIMPSON NEWLAND, M.B., M.S.

TUTORS.

Medicine:
CHARLES HENRY REISSMANN, M.D., M.R.C.P.

Surgery:
W. R. CAVENAGH-MAINWARING, M.B., B.S., F.R.C.S.

Obstetrics:
T. G. WILSON, M.D., Ch.M. (Sydney), F.R.C.S. (Edin.).

FORMER PROFESSORS.

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

English Language and Literature and Mental and Moral Philosophy.
REV. JOHN DAVIDSON. 1874—1881.
EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin). 1883—1894

Modern History and English Language and Literature
ROBERT LANGTON DOUGLAS, M.A. (Oxford). 1900–1902.

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

Law.
FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.) 1890—1896.
JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.). 1897—1905.

Natural Science.
RALPH TATE, F.G.S. 1875—1901.

Music.
JOSHUA IVES, Mus. Bac. (Camb.). 1884–1901

Clinical Teachers.

The Staff of the Adelaide and of the Children's Hospitals.

Adelaide Hospital.

Hon. Consulting Physicians :—
F. W. NIESCHE, M.D. (Edin.).
RICHARD S. ROGERS, M.A., M.D., M.S. (Edin.).
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Hon. Consulting Surgeons :—
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ARCHIBALD WATSON, M.D., F.R.C.S.
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WILLIAM T. HAYWARD, L.K.Q.C.P., M.R.C.S.
HARRY SWIFT, M.D. (Cantab.), M.R.C.S. (Eng.).
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ARTHUR M. CUDMORE, M.B., Ch.B. (Adel.), F.R.C.S.
CHARLES E. TODD, M.D. (Brux.), M.R.C.S., L.R.C.P.

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T. G. WILSON, M.D., Ch.M. (Sydney), F.R.C.S. (Edin.).

Hon. Ophthalmologist :—
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Hon. Assistant Ophthalmologist :
HERBERT FRANK SHORNEY, M.D. (Melb.).

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GEO. A. FISCHER, B.A., M.B., B.S. (Adel.).

Hon. Physician to Skin Department :—
ROLAND E. HARROLD, M.B., Ch.M. (Edin.)

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THOMAS BORTHWICK, M.D., Ch.M. (Edin.).

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Consulting Pathologist :
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J. B. GUNSON, M.B., B.S. (Adel.), M.R.C.S.

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H. S. NEWLAND, M.B., M.S. (Adel.), F.R.C.S. (Eng.).
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H. RISCHBIETH, M.A., M.D. (Cantab.) F.R.C.S. (Eng.).

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A. M. MORGAN, M.B., B.S. (Adel.).

Aurist :
G. A. FISCHER, B.A., M.B., B.S. (Adel.).

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C. T. COOPER, M.B., Ch.B. (Melb.).

Surgeons :
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A. C. MAGAREY, M.B., M.S. (Adel.).

Ophthalmologist :
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Physical Laboratory :—

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JOHN WALTER TYAS. 1882-1892.

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T. J. M. NAPIER, LL.B.	Law of Contracts
E. W. BENHAM, LL.B.	Law of Property, Part I.
W. J. ISBISTER, LL.B.	Law of Property, Part II.
G. C. LIGERTWOOD, B.A., LL.B.	Law of Wrongs
R. J. RUDALL, LL.B., B. Litt.	Roman Law
T. J. BROWNE, LL.B.	Theory of Law and Legislation

M.B. DEGREE.

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G. E. RENNIE, B.A., M.D.	Medicine
F. BIRD, M.B., M.R.C.S.	Surgery
ROTHWELL ADAM, M.D.	Gynæcology
T. BORTHWICK, M.D.	Hygiene
W. H. GREEN, D.Sc.	Chemistry
H. G. CHAPMAN, M.D., B.S.	Physiology
H. SWIFT, M.D.	Clinical Medicine
H. S. NEWLAND, M.B., M.S.	Operative Surgery

M.A. DEGREE.

H. W. ALLEN, M.A.	Classics (Honours)
H. S. CARSLAW, M.A.	Mathematics (Honours)

B.A. DEGREE.

H. W. ALLEN, M.A.	Classics (Honours)
PROFESSOR CARSLAW, M.A.	Mathematics (Honours)
PROFESSOR ANDERSON, M.A.	Philosophy (Honours)
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MISS E. A. ALLEN,	French
A. J. SCHULZ, M.A., PH. D.	German

D.Sc. DEGREE.

PROFESSOR POLLOCK, D.Sc. E. F. J. LOVE, D.Sc.	Thesis

B.Sc. DEGREE.

PROFESSOR ANDERSON STUART, M.D., LL.D.	Physiology
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DIPLOMA IN APPLIED SCIENCE.

W. E. WAINWRIGHT, A.S.A.S.M.	Mining, I. and II.
W. T. COOKE, D.Sc.	Assaying II. & III.
A. J. HIGGIN, F.I.C.	Metallurgy II. and III.
C. J. SANDERS	Surveying
PROFESSOR GIBSON	Mechanical Engineering III. and Machine Design II.
J. COGHLAN	Electrical Engineering II.

MUS. BAC. DEGREE.

PROFESSOR PETERSON, MUS. BAC.	Of Mus. Bac. Exercise and Third Year

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J. SHIELS	Banking and Exchange

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Strathalbyn ...	E. J. Tucker	Mrs. E. J. Tucker
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Broken Hill ...	——	Justin McCarthy

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PROFESSOR WILLIAM JETHRO BROWN, LL.D., D. Litt. } 1913.

On the Board of Management of the Adelaide Hospital.

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S. Elected February, 1913.

PAST AND PRESENT GRADUATES.

A.

Name.	*Date.*	*University.*	*Degree*
HIS MAJESTY KING GEORGE V. LL.D, Cambridge (1894)	1901,	D.C.L., Oxford;	LL.D.
† ABBOTT, Charles Arthur Hillas Lempriere	1911		B.A.
ADAMS, Alfred John	1900	Cambridge (1899)	M.A.
ADAMS, Reginald Arthur	1901	Cambridge (1901)	M.A.
ADDISON, Stanley Simpson	1908		B.Sc.
AKHURST, Adrian	1908		LL.B.
ALLEN Edgar	1913		M.A.
* ALLEN, James Bernard	1891 1911		B.Sc. B.A.
† ALLEN, Lois Waveney	1913		B.A.
ALTMANN, Charles August	1883	Melbourne (1883)	M.B.
AMBROSE, Ethel Mary Murray	1903		M.B., B.S.
* ANDERSON, James Robert	1884		LL.B.
ANDREWS, Richard Bullock	1887 1891		B.A. LL.B.
ANGUS, William	1905	Aberdeen (1900)	B.Sc.
ANGWIN, Hugh Thomas Moffitt	1913	B.Sc., 1910, surrendered 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.
ASH, Arthur Louis George	1907		B.A.
* ASH, George	1894		LL.B.
ASHTON, Thomas Badge	1903		M.B., B.S.
ASTLES, Harvey Eustace	1885	St. Andrews (1883)	M.D.
* AYERS, Frederic	1877	Cambridge (1875)	M.A.
AYERS, Julian	1895		LL.B

B.

† BAGOT, Edward Mead	1911		B.A.
BAGSTER, Lancelot Salisbury	1908		B.Sc.
† BAKER, Ralph Alderton	1912		M.B., B.S.
BAKEWELL, John Warren	1877	Cambridge (1874)	M.A.
BARBOUR, Graemme Madowal	1909		B.A.
BARLOW, William	1877 1885	Dublin (1855) " (1884)	B.A. LL.D.
† BARNARD, Marguerita Mira	1911		B.A.

* *Deceased.*

† *Not yet Members of Senate.*

BARNES, Joseph Thomas ..	1908		B.A.
BARRY, Alfred	1889	Oxford	LL.D
† BARTLETT, William John ..	1912		B.A.
† BARTON, Felix Kingston ..	1911		B.A.
BARWELL, Henry Newman ..	1892		LL.B.
† BASEDOW, Fritz Johannes ..	1913	B.Sc., 1912, surrendered for B.E., 1913	B.E.
BASEDOW, Herbert	1910	Breslau Ph.D. (1908)	B.Sc.
† BAXTER, Reginald Robert ..	1912		B.Sc.
BAYLY, Brian Brock	1904		B.Sc.
BAYLY, William Reynolds ..	1896 1898		B.A. B.Sc.
† BEAN, Edgar Layton	1913		B.A.
BEARE, Edwin Arthur	1892		LL.B.
BEARE, Thomas Hudson ..	1887		B.A.
† BEGG, Reginald Haussen ..	1911		B.Sc.
BELL, Arthur Hammond ..	1908		B.A.
BELL, Willoughby George ..	1901		B.Sc.
* BENBOW, 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, Richard William ..	1901		LL.B.
BENSLY, Edward von Blomberg ..	1895	Cambridge (1889)	M.A.
BETTS, Lionel Oxborrow	1907		M.B., B.S.
BILLINGHURST, Harry	1904		B.A.
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.
† BLACKBURN, Arthur Seaforth ..	1913		LL.B.
BLACKBURN, Charles Bickerton	1893		B.A.
BLACKNEY, Samuel	1891	Toronto (1891) ..	M.B.
* 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.
BONNIN, James Atkinson ..	1895		M.B., B.S
BOOTH, Sydney Russell	1910	Cambridge (1901) ..	B.A.
BOOTHBY, Charles Brinsley ..	1886		LL.B.
* 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.

* *Deceased.*

† *Not yet Members of Senate.*

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, 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.
† BRONNER, Rudolph	1912		B.A.
† BROOKMAN, John Ragless ..	1913		B.E.
BROOKS, Albert Joseph	1904		B.A.
BRÖSE, Henry Herman Leopold Adolph	1910		B.Sc.
† BROWN, Arthur Cubitt	1911		B.Sc.
BROWN, Frederick George	1906 1910	London (1898)	B.A. B.Sc.
BROWN, James Watson ..	1893 1898		B.Sc. LL.B.
BROWNE, John Walter	1908	Royal Ireland (1900)	M.B., B.S
BROWN, Mary Home	1902		B.Sc.
BROWN William Jethro	1906	Cambridge (1906)	LL.D.
BROWNE, Thomas John ..	1908		LL.B.
BRUMMITT, Robert Douglas ..	1905		M.B., B.S.
BRYCE, the Right Honourable James	1912	Oxford, D.C.L. (1870)	LL.D.
BUNDEY, Ellen Milne	1906		Mus. Bac.
BURGESS, Annie Frances ..	1909		B.A
BURGESS, Leslie Frank	1908		B.Sc.
BURGESS, May	1899		B.Sc.
BURGESS, Thomas Martin ..	1888		B.A.
BURNELL, Reginald George ..	1905		B.A.
* BURNARD, Eulalie Hardy Hanton	1905		M.B., B.S.
BURNARD, Renfrey Gershom ..	1904		M.B., B.S.
* BURTT, Thomas	1877	Cambridge (1855) ..	M.A.
BUTLER, Frederick Stanley ..	1893		M.A.
BUXTON, Sir Thomas Fowell ..	1895	Cambridge (1859) ..	M.A.
BYARD, Douglas John	1889	Oxford (1882) ..	B.A.

C.

* CAMPBELL, Allan James ..	1896		M.B., B.S.
CAMPBELL, Archibald Way ..	1896		M.B., B.S.
CAMPBELL, Colin Arthur Fitzgerald	1889	Cambridge (1889)	M.A.
† CAMPBELL, Donald	1911		LL.B.
CAMPBELL, Florence Way ..	1897		Mus. Bac.

* *Deceased.*

† *Not yet Members of Senate.*

CAMPBELL, Gordon Cathcart ..	1906 1909		B.A. LL.B.
CAMPBELL, James Way	1903 1905		B.A. LL.B.
CAMPBELL, Jessie	1908		B.A.
CARNE, Alfred George	1912		B.A.
* CARR, Whitmore	1877	Dublin (1848) ..	M.A
CATCHLOVE, Sydney George Leyland	1907		M.B., B.S.
CATERER, Thomas Ainslie (Clerk of the Senate)	1879		B.A.
CAVENAGH-MAINWARING, Wentworth 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, surrendered for B.E., 1913	B.E.
CHAPMAN, Robert William ..	1889	Melbourne (1888)	M.A.
CHAPPLE, Alfred	1894		B.Sc.
CHAPPLE, Ernest	1903		B.Sc.
CHAPPLE, Frederic (Warden of the Senate)	1877	London (1870) ..	B.A.
CHAPPLE, Frederic John	1891 1898	Melbourne (1897)	B.Sc. M.B., Ch.B
CHAPPLE, Harold	1900		B.Sc.
CHAPPLE, Marian	1894		B.A
CHAPPLE, Phœbe	1898 1904		B.Sc. M.B., B.S.
CHARLESWORTH, Thomas William	1877		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.
CLARE, Dorothy Cotgrave ..	1912		B.A.
CLARK, Archie Septimus	1900		B.Sc.
* CLARK, Annie Millicent	1904		B.A.
CLARK, Caroline	1901		M.A.
CLARK, Edward Vincent	1895		B.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 B.E., 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.

* *Deceased.*

† *Not yet Members of Senate.*

COGHILL, Donald Murray Robertson	1906	Melbourne (1892)	M.A.
COLEBATCH, Walter John ..	1909	Edinburgh (1905)	B.Sc.
† COLES, Mignonette	1912		B.A.
COLLISON, Edith	1900		B.Sc.
COLVIN, Bazett David . ..	1898	Cambridge (1864)	M.A.
COLVILLE, Arthur Landseer ..	1905		LL.B.
COLVILLE, John	1901		B.A.
COMLEY, Charles Herbert ..	1906 1910		B.Sc M.A..
CONNOR, Julian Dove	1900		B.Sc
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.
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.
† COWAN, George Dalrymple ..	1911		LL.B.
COWAN, Leslie Thompson ..	1907		B.Sc.
† COWAN, Robert Francis	1912		B.A.
COWELL, Francis Henry	1912		M.A.
COWPERTHWAITE, Elsie Eleanor	1906		M.A.
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.
DARWIN, Errol Raffael Henry ..	1907		B.Sc.
DARWIN, Lisle Julius	1910		M.A.
* DAVENPORT, Sir Samuel ..	1888	Cambridge (1886)	LL.D.
† DAVEY, Laurance Llewellin ..	1913		M.B., B.S.
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.

* *Deceased.*

† *Not yet Members of Senate.*

DAVIS, Angelita Pintorcilla ..	1905		Mus. Bac.
DAVIS, David	1906		B.A.
DAVY, Ruby Claudia Emily ..	1907		Mus. Bac.
† DAWKINS, Alfred Ernest ..	1912		B.Sc.
DAWSON, Dean	1905		M.B., B.S.
DEANE, Charles Maslen	1877	Edinburgh (1862)..	M.D.
† DEANS, Absalom	1912		B.A.
DE CREPSIGNY, Constantine Trent Champion	1913	Melbourne (1906)	M.D.
DELPRAT, Lica	1910		M.B., B.S.
DELPRAT, Mary Johanna Alberta Theodora	1909		M.B., B.S.
DEMPSEY, Richard Francis ..	1888		LL.B.
* DENDY, Arthur	1877	Oxford (1851) ..	M.A.
DETTMANN, Herbert Stanley ..	1906	Oxford (1906) ..	M.A.
DEVENISH, Albert Sydney ..	1899		M.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.
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.
DOWNEY, 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.
DUMAS, Russell John	1913	B.Sc., 1909, surrendered for B.E., 1913	B.E.
* DUNCAN, Handasyde	1877	Glasgow (1831) ..	M.D.
DUNCAN-HUGHES, John Grant	1910	Cambridge (1910) ..	M.A.
* 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.

* *Deceased.*

† *Not yet Members of Senate.*

EDESON, Emily Geraldine ..	1902	Melbourne (1899)..	M.A.
EDMUNDS, Charles Augustus ..	1904		LL.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, surrendered 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	1908		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, surrendered for B.E., 1913	B.E.
FARR, Clinton Coleridge	1902		D.Sc.
FARR, George Henry	1877 1883	Cambridge (1853) .. " (1882) ..	M.A. LL.D.
FERGUSON, Andrew	1904		B.Sc.
FERGUSON, Angus Salier ..	1909 1912		B.A LL.B.
* FIELD, Thomas	1877	Cambridge (1857) ..	M.A.
† FINCH, Emily Olive	1913		B.A.
FINLAYSON, Ronald Nickels ..	1903		LL.B.
FINNISS, John Henry Suffield ..	1886	Edinburgh (1876) ..	M.B.
FISCHER, George Alfred	1888 1894		B.A. M.B., B.S.
FITZGERALD, James Joseph ..	1908	Melbourne (1908)	M.A.
* FLECKER, Oscar Sydney.. ..	1902	Sydney (1902) ..	M.B., Ch.M
FLEMING, Thomas Gordon ..	1909		M.B., B.S.
* FLETCHER, Alfred Watkis ..	1889		B.Sc.
* FLETCHER, William Roby ..	1877	London (1856) ..	M.A.
* FLOOD, John Wellesley	1881	Dublin	B.A., M.B.
† FLOREY, Hilda Josephine ..	1912		M.B., B.S.
FORNACHON, Paul Charles Albert	1910 1912		B Sc. B.A.
FORREST, The Right Honourable Sir John	1902	Cambridge ( ) ..	LL.D.
FOWLER, James Richard	1891	Cambridge (1890) ..	M.A.
FRAYNE, Ernest John	1908		M.B., B.S.
FREWIN, Thomas Hugh	1892		M.A.
FRY, Henry Kenneth	1905 1908		B.Sc. M.B., B.S.

* *Deceased.*

† *Not yet Members of Senate.*

G.

GARDINER, Beauchamp Lennox..	1902		B.Sc.
GARDNER, Edith Josephine ...	1906		B.A.
GARDNER, George Gavin Forrest	1906		Mus. Bac.
GARDNER, Mary Beatrice ..	1909		B.A.
* GARDNER, William	1877	Glasgow (1876) ..	M.D.
GARTRELL, Herbert William ..	1902		B.A., B.Sc.
GAULT, Arthur Henry	1901	London (1900) ..	M.D.
GETHING, Robert	1877	Edinburgh (1847) ..	M.D.
GIBBES, Alexander Edward ..	1892		M.B., B.S.
GILBERT, Joseph	1907		B.Sc.
GILES, Eustace	1889		LL.B.
† GILES, Harold	1911		B A.
* GILES, Henry O'Halloran.. ..	1891		M.B., B.S
GILES, Ireton Elliot	1897		B.A.
† GILES, Mortimer	1911		LL.B.
GILES, Nigel Stuart	1905		B.Sc
GILES, Olive Abbott	1907		B.A,
GILES, Thomas O'Halloran ..	1886	Cambridge (1883) ..	LL.B.
GILES, William Anstey	1886	Edinburgh (1882) ..	M.B.
GILL, Alfred	{1882 {1885		B.A. LL.B.
GILL, Lancelot Waring	1913	B.Sc., 1908, surrendered for B.E., 1913	B.E.
† GILLHAM, Charles Alfred ..	1911		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.
GLYNN, Patrick McMahon ..	1898	Dublin (1879) ..	LL.B.
GOLDSMITH, Frederick	1889		M.B., B.S.
GOODE, Arthur	1894		M.B., B.S.
GOOD, Emily Milvain	1904		B A.
† GOODE, Muriel Gertrude	1911		Mus. Bac.
GOODE, Reginald Alfred.. ...	1910		M.B., B.S.
GOODE, Samuel Walter	1898		B.A.
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.
† GRAY, William Watt Erskine ..	1913	B.Sc.; 1912, surrendered for B E., 1913	B.E.

* *Deceased.*

† *Not yet Members of Senate.*

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, Thomas Lester ..	1913		LL B.
GROSSER, Agnes Juliana Hulda	1910		B.A.
GUNSON, George Frederick ..	1902		LL.B.
GUNSON, John Bernard	1893		M.B., B.S
* GUNSON, John Michael	1877	Heidelberg (1867) ..	M.D.
GUNSON, William Joseph ..	1894		LL.B.

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, Charles Fishbourne ..	1905		B.A.
HALL, Anthony James Alexander..	1888		LL.B.
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	1909 1912		B.A. LL.B.
* HARDING, Thomas Williamson ..	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton	1898		LL.B
† HARDY, Tom Mayfield	1913		B.Sc.
HARGRAVE, Nathaniel John ..	1905		LL.B.
HARGREAVES, William Arthur ..	1909	(Melb. 1891)	B.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, Wilfred	1908	Durham (1893) ..	M.A.
HARROLD, Rowland Edward ..	1892	Edinburgh (1890) ..	M.B.
HARRY, Arthur Hartley	1901		B.A.
* HARTLEY, John Anderson ..	1877	London (1863) ..	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.
HAWKER, Edward William ..	1877 1902	Cambridge (1873) .. Cambridge (1890) ..	LL.B. M.A.
* HAY, Alexander Gosse	1897	Cambridge (1896) ..	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, Lionel Wykeham ..	1903		M.B., B.S.
HEADLAM, Morley Lewis Caulfield	1900	Oxford (1893) ..	M.A.
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 1908		B.A. 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.
HEUZENRŒDER, William Eberhard	1891		LL.B.
HEWITSON, Thomas	1884		LL.B.
† HEYNE, Laura Olga Hedwig ..	1913		B.A.
HILL, Hilda Mary	1908		B.A.
HILTON, Arthur Robert	1909		B.A.
HOCTOR, John Francis	1877	Dublin (1871) ..	B.A.
HOLDEN, Edward Wheewall ..	1905		B.Sc.
HOLDER, Ethel Roby	1901		M.A.
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.
HOLLIDGE, David Henry	1889		M.A.
HOMBURG, John	1908		LL.B.
HONE, Frank Sandland	1889 1894		B.A. M.B., B.S.
* HONE, Gilbert Bertram	1892		B.A.
HOOPER, Charles William ..	1904		B.Sc.
HOPE, Charles Henry Standish ..	1889 1891	Cambridge (1883 ..	B.A. M.D.
HOPE (*née* Fowler), Laura Margaret	1891		M.B.
HOPKINS, Alfred Nicholas .	1888		B.A.
* HOPKINS, William Fleming ..	1884		B.A.

* *Deceased.*

† *Not yet Members of Senate.*

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.
HOWELL, Edward Tucker ..	1877	Oxford (1860) ..	M.A
HÜBBE, Edith Ulrica	1908		B.A.
HUGHES, Alfred	1889	Cambridge (1886) ..	B.A.
HUNN, William Morgan	1905		M.B., B.S.
HUNTER, Oswald	1903		LL.B.
* HUSSEY, John	1901	Oxford (1889) ..	M.A.
HYNES, Timothy Augustin ..	1889	Edinburgh (1888) ..	M.B.

ILIFFE, James Drinkwater ..	1899		B.Sc.
INGAMELLS, Dora	1909		B.A.
INGAMELLS, Eric Marfleet ..	1908		B.A.
INGLEBY, Rupert	1889		LL.B.
† IRELAND, Norman Arthur ..	1913		B.A.
IRWIN, Henry Offley	1893		M.B., B.S
ISBISTER, James Linklater Thomson	1891 1896		B.Sc. M.B., B.S
ISBISTER, William James ..	1887		LL.B.
IVES, Joshua	1885	Cambridge (1884) ..	Mus. Bac.

J.

JACOMB-HOOD, Robert Gordon ..	1905	Cambridge (1892) ..	M.A.
† JACKSON Sarah Elizabeth ..	1911		B.A.
JACK, Fannie Augusta	1913	Sydney (1899)	B.A.
JACK, Robert Lockhart	1913	Sydney (1899)	B.E.
JAUNCEY, George Eric Macdonnell	1909		B.Sc.
JAY, Hubert Melville	1908		M B., B.S.
JEFFERIS, Arthur Tarlton ..	1908		B.Sc.
JEFFERIES, Lionel Harry ..	1908		B.A.
JEFFERIS, James	1877 1895	London (1856) .. Sydney (1885) ..	LL.B. LL.D.
JEFFRIES, Lewis Wibmer ..	1907		M.B., B.S.
JEFFRIES, Shirley Williams ..	1909		LL.B.
*JERVIS-SMITH, Frederick John ..	1898	Oxford (1872) ..	M.A.
JESSOP, Charles Lewis	1906		LL.B.
JOHNSON, Edward Angas .	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. LL.B.

* *Deceased.*

† *Not yet Members of Senate.*

JOLLY, Norman William	1901		B.Sc
JONA, Jacob	1908		B.Sc.
JONA, Judah Leon	1910		D.Sc.
JONES, Albert Edward	1888		LL.B.
JONES, Edmund Britten	1910		M.B., B.S.
† JONES, Doris Egerton	1911		B.A.
JONES, Thomas Henry	1889		Mus. Bac.
JOSE, Edward Salisbury	1905	Oxford (1904)	B.A.
JOSE, George Herbert	1906	Oxford (1906)	M.A.
† JOYNER, Max Frederick	1913		LL.B.
JUDE, Gertrude Josephine	1901		B.Sc.
JUDELL, Maurice Wolff	1903		B.Sc.

K.

† KAHAN, Raoul Robellaz	1911		B Sc.
KEARNEY, Alan Wells	1889	Cambridge (1877)	M.A
* KELLY, Alexander Charles	1877	Edinburgh (1832)	M.D.
* KELLY, David Frederick	1879	Cambridge (1878)	M.A.
KELLY, Francis	1906		LL.B.
* KELLY, (*neé* Püttmann), Franziska Helena Marie	1898		Mus. Bac
KENNION George Wyndham	1883	Oxford (1871)	M.A.
KERR, Donald Alexander	1883		B.A.
KINGSMILL, Walter	1883		B.A.
* KINGSTON, The Right Hon. Charles Cameron	1898	D.C.L., Oxford (1897)	LL.D.
KINTORE, The Earl of	1889 1889	Cambridge (1877) Aberdeen (1889)	M.A. LL.D.
KIRBY, Mary Maude	1890		B.Sc.
KLEEMAN, Richard Daniel	1908		D.Sc.
† KNEEBONE, John Le Messurier	1911		M.B., B.S.
KNIGHT, Percy Norwood	1888		B.A.
KNOWLES, Francis Edward	1888		LL.B.
KOLLOSCHE, John	1901		M.A.
KUCHEL, Carl Wilhelm August	1912		M.A.

L.

LABATT, Edward	1877	Dublin (1870)	B.A.
† LAYBOURNE-SMITH, Louis	1911		B.Sc.
* LABATT, George Augustus	1877	Dublin (1839)	B.A.
LAMB, Horace	1877	Cambridge (1876)	M.A.
LANE, Annie	1904		M.A.
LANG, Sydney Chapman	1896		B.A.
LANG, William Holland	1908		B.Sc
LANGDON, Reginald Yorke	1903		B.Sc.
LANGMAN, Mary Lillecrapp	1906		B.A.
LATTY, Claude Percival	1905		LL.B

* *Deceased.*

† *Not yet Members of Senate.*

† 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	1896		B.Sc.
* LEONARD, James	1877	London (1849) ..	B.A.
LENDON, Alfred Austin	1883	London (1881) ..	M.D.
† LE MESSURIER, Frederick Neill..	1913		M.B., B.S.
LE MESSURIER, Thomas Abraham	1893 1894		B.Sc M.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	1836	Cambridge (1884) ..	M.A.
* 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
LOWRIE, William	1883	Edinburgh (1883) ..	M.A.
† LUCAS, Reginald Blockley ..	1913		M.B, B.S.
LUSHEY (nèe 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, William John	1898		B.Sc.
McCARTHY, Walter James ..	1891 1904		B.A. B.Sc.
† McDONALD, Cyril George Hugh ..	1913		B.Sc.
† McDONALD, Ross	1913		LL.B.
McDONNELL John Carlile ..	1913	Cambridge (1902)	M.A.
McEWIN, Keith	1912		M.B., B.S.
McGLASHAN, John Eric	1909		M.B., B.S.
MACK, Hans Hamilton	1880		B.A.
* MACKENZIE, John George Kenneth	1894	Oxford (1838) ..	M.A.
* MACKINTOSH, James Sutherland	1878	Edinburgh (1835) ..	M.D.
MACLENNAN, James Sydney Kilcoy	1906		LL.B.

* *Deceased.*

† *Not yet Members of Senate.*

McNAMARA, Louis Warnecke ..	1913	B.Sc., 1909, surrendered for B.E., 1913	B.E.
MACULLY, Alexander	1901	Melbourne (1887) ..	M.A.
MADIGAN, Cecil Thomas	1910		B.Sc.
MADSEN, John Percival Vissing ..	1901 1907	Sydney (1900) ..	B.Sc. D.Sc.
MADDEN, Sir John	1901	Cambridge	LL.D.
MAGAREY, Archibald Campbell ..	1907 1912		M.B., B.S. M.S.
MAGAREY, Cromwell	1889		M.B., B.S.
* MAGAREY, Frank William Ashley	1901 1903	Sydney (1899) .. Sydney (1903) ..	M.B. 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.
MANN, Charles	1887		LL.B.
* 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 . ..	1904		B.Sc.
MASTERS, Frederick George ..	1900	Cambridge (1898) ..	M.A.
MATTHEWS, Richard Twitchell ..	1884	London (1883) ..	B.A.
MAUGHAN, Milton Moss	1904		B.A.
MAWSON, Douglas	1907 1909	Sydney (1901)	B.Sc. 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 1891		B.A. M.B., B.S.
* MEAD, Silas	1877	London (1859) ..	M.A.
MELBOURNE, Alexander Clifford Vernon	1910		B.A.
MELLOR, James Taylor	1888		LL.B.
MELROSE, Alexander	1886		LL.B.
MILLER, Raymond Orlando Maurice	1905		B.A.
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.

* *Deceased.*

† *Not yet Members of Senate.*

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.
† MOODY, Harold Eric	1913		LL.B.
MOORE, Bertie Harcourt	1913	B.Sc., 1900, surrendered for B.E., 1913	B.E.
* 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.
* MORRIS, Edward Ellis	1901	Oxford	M.A
* MORSE, Charles William	1877	Cambridge (1850) ..	B.A.
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.
* MUECKE, Carl Wilhelm Ludwig ..	1877	Jena (1847) ..	M.A.
MUECKE, Francis Frederick ..	1902		M.B., B.S.
MUIRDEN, William	1910		B.A.
MUIRHEAD, John Robb	1908		M.B., B.S
MUIRHEAD, Leonard Graeme ..	1911		M.B., B.S.
MURPHY, Evangeline	1907		B.A.
MURRAY, George John Robert ..	1883		B.A.

N.

NADEBAUM, Rudolph Oertel ..	1907		B.A.
NAIRN, Alexander Livingstone ..	1902		B.A.
NANKIVELL, John Thomas ..	1877	Cambridge (1871) ..	B.A.
NAPIER, Alexander Disney Leith	1899	Aberdeen (1878) ..	M.D.
NAPIER, Thomas John Mellis ..	1902		LL.B.
NAYLOR, Henry Darnley ..	1906	Cambridge (1894)	M.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, Olive Gertrude ..	1909		B.Sc.
NICHOLLS, Leslie Herbert ..	1893		B.A.
NIESCHE, Frederick William ..	1889	Edinburgh (1886) ..	M.D.
† NIETZ, Herbert Walter	1913		B.A.
NOLTENIUS, Harry Edward ..	1902		B.A
NOOTNAGEL, Albert Herman ..	1910		LL.B.

* *Deceased.*

† *Not yet Members of Senate.*

† NORMAN, William Ashley ..	1911		LL.B.
NORTHMORE, John Alfred ..	1887		LL.B.
† NOTT, Harry Carew	1913		M.B B.S.

O.

* OAKELEY, Sir Herbert Stanley ..	1895	Oxford	Mus. Doc.
† O'DONOGHUE, Stephen Kevin ..	1912		B.A.
OSBORN, Edith May	1912	M.Sc., Man. (1908)..	B.Sc.
OSBORN, Theodore George Bentley	1912	M.Sc., Man. (1911)..	B.Sc.

P.

PADMAN, Edward Clyde	1897 1900		B.A. LL.B.
PADMAN, Clara Helen	1904		B.A.
PAINE, Herbert Kingsley ..	1904		LL.B.
* PALMER, Hamilton Charles ..	1877	London (1851) ..	LL.B.
PARKHOUSE, Devon	1907		M. [illegible], B.S.
PARKIN, George Robert	1903	McGill, Canada ..	LL.D
† PARSONS, Harold Stephen ..	1912		Mus. Bac.
PARSONS, Herbert Angas ..	1897		LL.B.
PATCHELL, Mary Emma ..	1906 1907		B.A B.Sc.
* PATERSON, Alexander Stuart ..	1877	Edinburgh (1857) ..	M.D.
PATON, Adolph Ernest	1902		B.Sc.
PATON, Alfred Maurice	1898		B.Sc.
* PATON, David	1878	Glasgow (1864) ..	M.A.
PATON, Dora Isabel	1902		B.Sc
† PAVIA, Roy Rowling	1913		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, Earnest	1908		LL.B.
PHILLIPPS, Herbert Tarlton ..	1905		B Sc.
PHILLIPS, James Howard	1902		B.Sc
PHILLIPS, Walter Ross	1883	Cambridge (1878) ..	LL.B
† PINCH, Allan Love	1911		LL.B.
† PITCHER, Cyril Frederick ..	1911		M.B , B.S
PITT, Arthur William	1906		B.A.
PLUMMER, Rex Garnet ..	1906		M.B., B.S
PLUMMER, Violet May	1893 1897	Melbourne (1897) ..	B.Sc. M.B.
POOLE, Dorothea Landon ..	1906		M.A.
POOLE, Frederic St John ..	1909		M.B., B.S.

* *Deceased.*

† *Not yet Members of Senate.*

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 ..	1911		B.A.
† POTTS, William Andrew	1913	B.Sc., 1912, surrendered for B.E., 1913	B.E.
POULTON, Benjamin	1884	Melbourne (1883) ..	M.D.
† POWELL, Harold	1913		M.B. B.S.
POWELL, Henry Arthur	1891		M.B., B.S
PRICE, Arthur Jennings	1890		LL.B.
PRIEST, Herbert James	1902 1904		B.Sc. B.A.
† PRINCE, Erica Lloyd	1913		B.A.
PROUD, Emily Dorothea ..	1906		B.A.
† PROUD, Millicent Farrer	1912		B.A.
PUDDY, Maude Mary	1905		Mus. Bac.
PULLEINE, Robert Henry ..	1913	Sydney (1893)	M.B.

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	1906		M.B., B.S.
RAY, Walter Vernon	1907		LL.B.
RAYNOR, Philip Edwin	1890	Oxford (1882) ..	M.A.
* READ, Henry	1877	Cambridge ..	M.A.
† REED, Geoffrey Sandford	1913		LL.B.
REIMANN, Valesca Leonore Olive	1910		B.A.
REISSMANN, Charles Henry ..	1902	Cambridge (1902) ..	M.D.
* RENNER, 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, surrendered for B.E., 1913	B.E.
† RENNIE, Henry Charles Cadell ..	1912		M.B., B.S.
RICHARDS, Frederick William ..	1897	London (1896) ..	LL.D
RICHARDSON, Arnold Edwin Victor	1910 1908		M.A. B.Sc.
* RICHARDSON, Frank Joseph Webb	1893		B.Sc.
RIDGWAY (*née* Jelley), Jeannie ..	1908		Mus. Bac.
RILEY, Mabel	1908		B.A.
RISCHBIETH, Oswald Henry Theodore	1909		B.A.
ROBERTSON, Joseph	1894	Sydney (1877) ..	M.A.
ROBERTSON, Lionel Joseph ..	1896		B.A.
ROBERTSON, Thorburn Brailsford	1908		B.Sc

* *Deceased.*

† *Not yet Members of Senate.*

ROBERTSON William	1905	Melbourne (1882) ..	M.B.
† ROBINSON, Edgar	1912		LL.B.
ROBINSON, Roy Lister	1903		B.Sc.
* ROBINSON, William George ..	1878		B.A.
ROBIN, Charles Ernest	1886		B.A.
ROBIN, Percy Ansell	1880 1885	London (1885) ..	B.A. M.A.
ROGERS, Richard Sanders ..	1891 1897 1899	Edinburgh (1887) .. Edinburgh (1893) ..	Ch.M. M.D. M.A.
ROSMAN, Frank Edgar	1908		B.S .
† ROSSITER, James Leonard ..	1912		M A.
ROWLEY, Frederick Pelham ..	1887		LL.B.
RUDALL, Reginald John ..	1906		LL.B.
*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		LL.B.
SABINE, Ernest Maurice	1891		LL.B.
SALMOND, John William	1897	London (1887) ..	LL.B
† 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.
SCHACHE, Alma Olga Antonia ..	1909		B.A.
† SCHULTZ, Frederick Balfour ..	1912		LL.B.
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		M.B., B.S.
SCOTT, Ronald Melville	1913	B.Sc., 1910, surrendered 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.
SHARP, Cecil James	1882	Cambridge (1882) ..	B.A.
SHARP, William Hey	1877	Oxford (1871) ..	M.A.
SHAW, James Barry	1904		B.Sc.

* *Deceased.*

† *Not yet Members of Senate.*

SHEPLEY, Leslie Herbert Hamilton	1909		LL.B.
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.
† SINCLAIR, William Malcolm ..	1911		M.B., B.S.
SKIPPER, Stanley Herbert ..	1901		LL.B.
SMEATON, Bronte	1896		M.B., B.S.
* SMEATON, Stirling	1880		B.A.
* SMITH, Arthur William	1877	London (1872) ..	M.D.
SMITH, Frank	1903		B.Sc.
SMITH, Harold Whitmore ..	1913	B.Sc., 1906, surrendered for B.E., 1913	B.E.
SMITH, Ida Gwendoline Viner ..	1902		B.A.
SMITH, James	1905		LL.B.
SMITH, James Walter	1882	London (1856) ..	LL.D.
SMITH, Julian Augustus Romaine	1892 1907 1908	Melbourne (1901) ..	B.Sc. M.B., B.S. M.S.
SMITH, Sydney Talbot	1886	Cambridge (1884) ..	LL.B.
SMITH, William Ramsay	1903 1904 1904	Edinburgh (1888) .. B.Sc. Edinburgh (1892) .. M.B. Adelaide .. D.Sc.	
SMYTH, Isabel Agnes Ekin ..	1905		B.A.
SMYTH, John Thomas	1878	Melbourne (1874) ..	B.A.
SOLOMON, Isaac Herbert	1895 1898		B.A. LL.B.
SOLOMON, Judah Moss	1888 1891		B.A. LL.B.
SOLOMON, Susan Selina	1890		B.Sc.
SOUTER, John Francis	1897	Aberdeen (1889) ..	M.B.
SPEHR, Carl Louis	1895		LL.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.
STEPHENS, Charles Francis ..	1897		B.Sc.
† STEPHENS, Eric Goyne	1912		B.Sc.
STEPHENS, Lilian Mary Theakston	1907		B.A.
† STEVENS, Aubrey Clement ..	1912		B.A.
† STEWARD, Frederick John Harold	1913		B.A.
† STEWART, Colin Gore	1913		B.A.
* STEWART, Robert	1886	Melbourne (1886) ..	M.D.
STIRLING, Edward Charles ..	1877 1882 1909	Cambridge (1872) .. M.A. Cambridge (1880) .. M.D. Cambridge (1909) .. D.Sc.	
STIRLING, Sir John Lancelot ..	1877	Cambridge (1871) ..	LL.B.
† STODDART, Harrold William Downing	1911		M.B., B.S.

* *Deceased.*

† *Not yet Member of Senate.*

STOKES, Alfred Francis	1904		M.B., B.S.
STOKES, Edward	1903		B.A.
STOLZ, Kate Sophie	1909		B.A.
STOW, Francis Leslie	1909		LL.D.
STUCKEY, Edward Joseph ..	1895 1903		B.Sc. M.B., B.S.
STUCKEY, Francis Seavington ..	1896		B.Sc.
STUCKEY, Joseph James	1877	Cambridge (1864) ..	M.A.
STUCKEY, Rupert Bramwell ..	1898		LL.B.
STUCKEY, Vivian Charles ..	1913	B.Sc., 1906, surrendered for B.E., 1913	B.E.
* SUNTER, Joseph Tregilgas ..	1883	Melbourne (1880) ..	B.A.
† SUTER, Alfred Charles	1912	Liverpool (1910) ..	B.S.
SUTHERLAND, Archibald Cook ..	1889	Edinburgh (1865) ..	M.A.
* SUTHERLAND, George	1882	Melbourne (1879) ..	M.A.
SWAN, Warren Alexander ..	1905		B.A.
SWIFT, Harry	1888	Cambridge (1887) ...	M.D.
* SYMON, William	1879	St. Andrews (1876)	M.A.
SYMONS, Mark Johnston	1886	Edinburgh (1878) ..	M.D.

T.

TANNER, George Pelham ..	1912	Oxford (1908) ..	B.A.
† TASSIE, Leslie Gemmel	1912		M.B., B.S.
TASSIE, Robert Wilson	1907		B.Sc.
TENNYSON, Hallam, Baron ..	1900	Litt.D. Cambridge (1899)	LL.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.
THOMSON, Harry	1909		LL.B.
THOMSON, James Simpson ..	1906		B.Sc.
* TODD, Sir Charles	1886	Cambridge (1886) ..	M.A.
* TODMAN, James	1877	Edinburgh (1852) ..	M.D.
TOLLEY, Frank Gordon	1901 1906	Cambridge (1899) .. Cambridge (1906) ..	LL.B. M.A.
TORR, William George	1892	Dublin (1892) ..	LL.D.
TRATMAN, Frank	1899	London (1892) ..	M.D.
TREHY, Annie Louisa 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

* *Deceased.*

† *Not yet Members of Senate.*

* TUCKER, William Alfred Edgcumbe	1885		B.A., LL.B
TUCKWELL, Ernest Sinclair ..	1902		B.A.
TYAS, Margaret Elizabeth ..	1905	London (1905) ..	B.Sc.

U.

UPTON, Henry	1888		LL.B.

V.

* VARLEY, Charles Grant	1884		LL.B.
VAUGHAN, John Howard ..	1900		LL.B.
VERCO, Clement Armour ..	1902	Sydney (1901) ..	M.B., Ch.M
VERCO, 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) ..	LL.B.

W.

* WADEY, Walter Henry	1894		LL.B.
WAINWRIGHT, Edward Harley ..	1883	London (1878) ..	B.Sc.
WAINWRIGHT, Charles Leonard	1900		B.Sc.
WALE, William Henry	1896	Oxford (1874) ...	Mus. Bac
WALKER, Daniel	1887		B.Sc
WALKER, Ellen Lawson ..	1899		B.Sc.
WALKER, Frances Sophia ...	1908		Mus. Bac.
WALKER, Jane Elizabeth ...	1908	Wales ( )	B.A.
* WALKER, William John	1885		B.A
WALLMANN, Reginald Horton ..	1907		LL.B.
† WALTER, Hilda Blanche May ..	1913		B.A.
WALTER, William Ardagh Gardner	1909	Oxford (1908) ..	B.A.
WALTON, Gertrude Mary ..	1904		B.A.
WARD, Cyril Michael	1912		M.A.
WARD, John Frederick	1908		M.A.
WARD, Leonard Keith	1913	Sydney (1903)	B.E.
* WARREN, Thomas Hogarth ..	1889		LL.B.
WATKINS, Charles Thomas ..	1907		LL.B.
WATSON, Archibald	1885	Paris (1880) ..	M.D.
* WAY, Edward Willis	1877	Edinburgh (1871) ..	M.B.
WAY, The Right Hon. Sir Samuel James (Bart)..	1892	D.C.L., Oxford (1891)	LL.D.
WEBB, Noel Augustin	1886		LL.B.
* WEBB, Robert Bennett	1877	Oxford (1869) ..	M.A.
WEHRSTEDT, Walter Franz ..	1899		B.A.
WEIDENBACH, Arnold Edwin ..	1907		M.B., B.S.

* *Deceased*

† *Not yet Members of the Senate.*

	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	1907		B.Sc.
	WEST, Reginald Arthur	1905		M.A.
*	WEST-ERSKINE, William Alexander Erskine	1877	Oxford (1864) ..	M.A.
	WHEATLEY, Frederick William ..	1913 1904		D.Sc. B.A.
	WHEELER, Alfred	1904	Cambridge ( ) ..	M.A.
	WHITHAM, Annie Beatrice ..	1905		B.A.
	WHITINGTON, Bertram	1899 1913		B.Sc. B.E.
	WHITINGTON, Frederick Taylor ..	1886		LL.B.
†	WHITINGTON, Louis Arnold ..	1911		LL.B.
*	WHITTELL, Horatio Thomas ..	1877	Aberdeen (1858) ..	M.D.
†	WIBBERLEY, Brian	1911		Mus. Bac.
†	WIBBERLEY, Brian William ..	1911		B.Sc.
	WILKINSON, Frederick William ..	1884		B.A.
	WILLIAMS, Eirene Mary ..	1907		B.A.
*	WILLIAMS, Francis	1877	Oxford (1860) ..	M.A.
	WILLIAMS, Frank Laurie ..	1905		LL.B.
	WILLIAMS, James Henry ..	1908		B.A.
	WILLIAMS, Mabel Evangeline ..	1906		B.A.
	WILLIAMS, Matthew	1887		B.A.
	WILLMOTT, Josiah Percival ..	1907		B.Sc.
	WILSON, Cecil	1912	(Cambridge) 1886	M.A.
	WINWOOD, Susan Ann	1904		Mus. Bac.
	WILSON, Charles Ernest Cameron	1900	Melbourne (1899) ..	M.B
	WILSON, James Beith	1896		B.A.
	WILSON, Thomas George	1904	Sydney (1904) ..	M.D.
†	WILTON, Alexander Cockburn ..	1911		M.B., B S
	WILTON, John Raymond	1903 1911	Cambridge (1911)	B.Sc. M.A.
	WINTER, William Harris ..	1913	Dublin (1891)	B.A.
	WOOD, Montague Couch	1888	Oxford (1880) ..	M.A.
*	WOODS, John Crawford	1877	Edinburgh (1843) ..	B.A.
	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	1888		B.A.
	WRIGHT, George Herbert ..	1906		B.A.
	WRIGHT, Lewis Garner	1891		LL.B.

* *Deceased.*

† *Not yet Members of Senate.*

WRIXON, Sir Henry John ..	1901	Dublin	M.A.
WYLLIE, Alexander	1888 1891		B.A. B.Sc.

Y.

YEATMAN, Charleton	1910		M.B., B.S
YOUNG Aretas Charles William ..	1883	Oxford (1871) ..	B.A.
YOUNG, David Hastings	1894	Edinburgh ..	M.B.
YOUNG, Frederick William ..	1897		LL.B.
YOUNG, William John	1883	Dublin (1882) ..	M.A.
YOUNKMAN, Landau	1910		B.Sc.
† YUILL, George Ashwin	1913		LL.B.

Z.

ZWAR, Bernhard Traugott ..	1908	(Melb. M.D., 1902, M.S., 1908.)	M.D., M.S.

† *Not yet Member of Senate.*

List of Graduates who have taken Honours Degrees.

HONOURS DEGREE OF MASTER OF ARTS.

Year.	*Name.*	
1908	Ward, J. F.	Classics
1912	Paynter, R. H.	Classics
1913	Ellis, F.	Mathematics

HONOURS DEGREE OF BACHELOR OF ARTS.

(INSTITUTED 1901.)

Year.	*Name.*	*School.*	*Class.*
1901	Hartley, A. H.	Classics	II.
1902	Searle, F. J.	Classics	II.
	Smith, Ida G. V.	Classics	III.
	Tuckwell, E. S.	Philosophy	I.
	Gartrell, H. W.	Mathematics	III.
	† (Wilton, John Raymond ...	Mathematics	I.)
1903	Cowell, F. H.	Classics	III.
	Cowperthwaite, Elsie E. ...	Classics	II.
	Ward, J. F.	Classics	I.
1904	Clark, Annie M.	Classics	II.
	Goode, Emily M.	Classics	I.
	Padman, Clara H.	Classics	III.

† *Did not take B.A. Degree.*

1904	Priest, H. J.	Mathematics	I.
	Wheatley, F. W.	Mathematics	III.
1905	Darwin, L. J.	Mathematics	I.
	Moyes, J. S.	Mathematics	III.
1906	Laugman, Mary L.	Classics	I.
	Williams, Mabel E.	Classics	II.
1908	Hibbe, Edith U.	Classics	III.
	Bragg, W. L.	Mathematics	I.
1909	Ferguson, A. S.	Classics	I.
	Hannan, A. J.	Classics	I.
	Paynter. R. H.	Classics	III.
	Rischbieth, O. H. G.	Classics	I.
1910	Moncrieff, Mary K.	Classics	II.
	Reimann, Valesca L. O.	Classics	II.
	Ward, C. M.	Classics	II.
	Melbourne, A. C. V.	History	I.
*	Allen, J. B., B.Sc.	Mathematics	I.
	Brown, F G.	Mathematics	I.
1911	Barton, F. K.	Classics	I.
	Potts. G. M.	Classics	II.
	Mayo, G. E.	Philosophy	I.
	Ellis, F., B.Sc.	Mathematics	II.
1912	Brouner, R.	Philosophy	I.
	Fornachon, P. C. A.	Mathematics	II.
	Howard, A. H.	Classics	II
	Mayo, Mary P.	Philosophy	II.
	Proud, Millicent F.	Classics	I.
	Sanders, H. W.	Mathematics	I.
	Stevens, A. C.	Philosophy	I.
1913	Bean, E. L	Classics	I.
	Prince. Erica L.	Classics	III.
	Walter, Hilda B. M.	Classics	II.

* *Deceased.*

HONOURS DEGREE OF BACHELOR OF SCIENCE.

(INSTITUTED 1901.)

Year.	*Name*	*School.*	*Class.*
1901	Jolly, N. W.	Mathematics	II.
1903	Wilton, J. R.	Physics	I.
	Smith, F.	Chemistry	II.
1904	McCarthy, W. J., B.A.	Mathematics	II.
	Ferguson, A.	Geology and Palaeontology	I.
1905	Kleeman, R. D.	Physics	I.
	Ellis. Annie R.	Physiology	III.
	Fry. H. K	Physiology	I.
	Robertson, T. B.	Physiology	I.

1906	Jona, J L	Physiology	II.
	Comley, C. H., B.A.	Geology	I
1907	Lewis, Irene G	Physiology	I.
	Patchell, Mary F.	Physiology	II.
1908	Glasson, J. L.	Physics	I.
	Bagster, L. S.	Chemistry	I
	Jona, J.	Physiology	III.
1911	Haste, R. A.	Physiology	II.
	Wibberley, B. W.	Physiology	II.
1912	Jauncey, G. E. M.	Physics	I.
1913	Dawkins, A. E.	Chemistry	I.
	Hardy, T. M.	Chemistry	II.

List of students in Law who have obtained the Final Certificate.

	ANDREWS, Walter Frederick ..	1888	GWYNNE, Illted Gordon	1891
	ASHTON, Edward James Wilberforce	1893	HAGUE, Percy	1897
	ATKINSON, Alfred Harris Owst ..	1900	* HAMP, John Chipp	1887
	BAKEWELL William Kenneth ...	1908	HARGRAVE, Charles Townshend ..	1904
	BENNY, Benjamin	1891	HARGRAVE, Joshua Addison ..	1890
	BERRY, George Augustus	1887	HENDERSON, William B.A.	1908
*	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, William Corin	1909
	CAVENAGH, James Gordon	1887	HOMBURG, Hermann	1896
	COVENTRY, Charles James	1911	HOMBURG, Robert	1897
	COX, Edwin Baxter	1903	JAMES, Alfred Charles	1899
	DAVISON, John Hubert Hawdon ..	1908	JOHNSON, James Howard	1900
	DENNY, William Joseph..	1908	JOYNER, Frederick Allen .. .	1885
	DOWNER, Frank Hagger .. .	1886	KEATS, Frederick Phillips	1900
	DRIFFIELD, George Carus	1889	KENNEDY, Donald Angus	1904
	DURSTON, SidneyBridle	1889	LAKE Clement William Hingston ..	1907
	FLEMING, Stanley Hugh	1902	LITTLE, Egbert Percy Graham ..	1898
	FOSTER, Henry Edgar	1889	McEWIN, George	1897
	FOX, John Henry	1895	MACKENZIE, Charles Norman ...	1909
	GILLEN, Vincent de Paul	1907	McLACHLAN, Alexander John ..	1894
	GOLDSWORTHY, William Beazley ..	1903	MICHELL, George Francis	1888
	GREER, George Andrew	1889	MITCHELL, Harold Flinders	1908

* *Deceased.*

MOULDEN, Frank Beaumont 1895
MUIRHEAD, Henry Mortimer.. .. 1909
NESBIT, Reginald George 1900
NICHOLLS, Theodore Henry .. . 1900
OWEN, William Frederick 1906
PENNY, Bertram Stephens 1908
PENNY, Clifton Raymond 1893
RANKIN, Henry Oliver Arthur .. 1912
REGAN, James William 1913
REID, Walter Gliddon 1909
ROBERTS, Donald Arthur 1912
RONALD, Stuart Douglas 1910
ROUNSEVELL, Horace Vernon .. 1888
ROWLEY, Spencer Toler 1888
SHEPHERD, Joseph Scoresby.. .. 1899
SMITH, Francis Villeneuve 1906
STOCKDALE, William John 1889
STUART, Walter Leslie 1900
* SUPPLE, Charles Joseph 1900
TAPLEY, Willis Wayte 1909
* TAYLOR, Harry Braithwaite 1886
TENNANT, Frederick Augustus .. 1899
VANDENBERGH, William John .. 1896
VON BERTOUCH, Rupert Paul Albrecht 1892
VON DOUSSA, Stanley Bowman .. 1901
* WADEY, Walter Henry 1892
WARD, Henry Torrens 1900
WARREN, Sydney John 1911
WEAVER, Alfred Charles 1903
WHITBY, Percy Edward Robert .. 1891
WIGLEY, Henry Vandeleur 1890
WINNALL, John Edward Hyde .. 1893
WOOLDRIDGE, William Phillips .. 1894
WRIGHT, Charles Joseph Harvey .. 1888

* *Deceased.*

ASSOCIATES IN MUSIC. ADVANCED COMMERCIAL CERTIFICATE.

Associates in Music.

BASEDOW, Ivy Marie 1912
BRUGGEMANN, Martha Dorothy .. 1901
CHEEK, Muriel Elizabeth 1909
CILENTO, Gladys Muriel West .. 1913
COUMBE, Hurtle Harold 1912
DAVY, Ruby Claudia Emily, Mus. Bac. 1903
D'ARCY-IRVINE, Alice Bond 1913
DAY, Florence Muriel 1913
EVANS, Bert 1913
FLAHERTY, Annie Josephine.. .. 1907
* FORSAITH, May East 1912
GOSS, Lucy Vera 1909
HANTKE, Ethel Hilda Hedwig .. 1902
HILLS, Walter Bedford 1904
HINE, Clytie May 1908
HOCHE, Edith 1908
JAMES, Doris 1912
JOYCE, Kate 1904
KOLLOSCHE, Samuel 1910
MANNING, Hilda Mahala 1902
KEMP, Marion Kirkwood 1903
PARKINSON, Charlotte Ethel Violet 1901
PHIPPS, Charlotte Lucy Barkwell .. 1905
PUDDY, Maude Mary, Mus. Bac. .. 1900
REIMANN, Hilda Marie . .. 1912
ROACH, Mary Moyle 1910
ROBERTS, Winifred Sophie 1911
RUDEMANN, Elsa Wilhelmine .. 1903
SAYERS, Alice Mabel 1901
SHORT, John Thomas Gordon 1907
SPEHR, Francesca.. 1901
TAYLOR, Gladys Leslie 1908
WALLMANN, Beatrice May 1909
WHILLAS, Helen May 1901
WHITINGTON, Sylvia Muriel 1911
WIBBERLY, Brian, Mus. Bac. 1908
WILLIAMSON, Arthur Burton.. ... 1908

* *Deceased*

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

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

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

ANDERSON, Reginald Hamp 1910
ANNELLS, Herbert Edward 1908
BAYLY, Edward Benjamin 1910
BRAY, Clifford Samuel 1908
CALDER, William Cormack 1913
COTTON, Robert Harold 1908
DOBSON, Alfred James 1909
FRY, Arthur Henry Percival 1910
GALE, Frederick Julius 1910
HARRIS, Russell Hope 1912
HARRISON, William Frank 1908
HOGBEN, Alfred Richard 1909
KIRKMAN, David.. 1908
LENTON, Leslie 1910
MENKENS, Frank Hermann 1908
MESSENT, Albert Edward 1908
MILNE, Alexander.. 1910
MOYES, Charles Robert 1913
MUECKE, Carl Wilhelm Ludwig .. 1908
NEEDHAM, George Francis Jack .. 1911
NEUENKIRCHEN, Hermann Adolph Heinrich 1912
PROUD, Katherine Lily.. 1910
ROBERTSON, George Oliver 1908
RUSSACK, Frederick William 1913
SHEPPARD, Bernard Aubrey 1910
SMITH, Charles Alfred 1910
SOLLY, Hubert Ambrose.. 1913
STEELE, Robert Moore 1908
THOMAS, Harold Clarke 1908
TURNER, Percy 1913
WAUCHOPE, James George Neilson 1911
WHEELER, Horace Roseby 1911
WOOD, Alfred Evelyn 1909

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

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

Diploma in Electrical Engineering.

(OLD REGULATIONS.)

CHAPPLE, Ernest, B.Sc. 1904

Diplomas in Applied Science.

Mining Engineering

ANGWIN, William Britton, B.Sc. .. 1910
CHAPMAN, Robert Hall, B.Sc. .. 1912
ESPIE, Frank Fancett, B.E. 1913
GREENWAY, Harold, B.Sc. 1907
HOLDER, Evan Morecott, B.Sc. .. 1910
MADIGAN, Cecil Thomas, B.Sc. .. 1911
ROBINSON, Roy Lister, B.Sc... .. 1904
STUCKEY, Vivian Charles, B.Sc. .. 1909

Electrical Engineering.

ANGWIN, Hugh Thomas Moffitt B.Sc (Course A.) 1911
BEGG, Reginald Haussen, B.Sc. (Course A) 1911
BURGESS, Leslie Frank, B.Sc. .. 1909
COOPER, Wilfred Windham, B.E. .. 1913
DUMAS, Russell John, B.Sc. 1910
ELLIS, Frank, B.Sc. 1908
GILBERT, Joseph, B.Sc... 1908
GILL, Lancelot Waring, B.Sc. 1909
GRAY, William Watt Erskine, B.Sc.. 1912
GREENLEES, Alan David, B.Sc. .. 1910
LANG, William Holland, B Sc. ... 1908
McNAMARA, Louis Warnecke, B.Sc. (Course B.) 1911
POTTS, William Andrew, B.E. 1913
RENNIE, Edward James Cadell, B Sc. 1907
ROSMAN, Frank Edgar, B.Sc. 1909
SCOTT, Ronald Melville, B.Sc. .. 1912
SMITH, Harold Whitmore, B.Sc. .. 1906
TASSIE, Robert Wilson, B.Sc. .. 1909
WEST, John Stanley, B Sc. 1908

Mechanical Engineering.

BROOKMAN, John Ragless, B E. .. 1907
LAYBOURNE-SMITH, Louis, B.Sc. .. 1908
WHITE, William John 1911

Metallurgy.

BASEDOW, Fritz Johannes, B.Sc. 1912

LIST OF STUDENTS, 1913.

UNDERGRADUATE STUDENTS—SESSION 1913.

LL.B. DEGREE.

Abbott, Charles Arthur Hillas Lempriere, B.A.
Alderman, Henry Graham
Badger, Magnus
Badger, Robert
Blackburn, Arthur Leaforth
Bogner, Ernest Wilhelm Georg
Clarke, Laurence Eric
Cleland, Thomas Erskine
Cox, Edwin Baxter
Cruickshank, Errol
Davenport, Arthur Vernon
Davey, Robert Shannon
Delbridge, Sandford Rhodes
Dempster, William Frederick
Fisher, Guy
Gelston, Hedley Ringrose
Genders, Eustace Alexander
Goldsworthy, Spencer Gordon
Griffiths, Thomas Lester
Healy, Kevin John Bernard
Heuzenroeder, Rudolph Hermann
Hicks, Francis Gibson
Hunt, William Robert
Joyner, Max Frederick
Kerr, Donald (Jr.)
Kirkman, Kenneth Hainsworth
Kitson, Mary Cecil
Landvogt, Joseph Ignatius
McDonald, Ross
McGee, John
Marshall, George Steel
Mellor, Thomas Reginald
Michell, George Wilfred
Millhouse, Eric William John
Mills, John Brier
Moody, Harold Eric
Moulden, Arnold Meredith
Peirce, Herbert
Piper, Harold Bayard
Povey, Edward
Reed, Geoffrey Sandford
Reid, John Tennyson
Ross, Dudley Bruce
Sanderson, Kenneth Francis Villiers
Scott, Hubert
Sinclair, John Michell
Skewes, Edward Foster
Smith, Paul Teesdale
Sweeney, John Grant
Tucker, Reginald Mervyn
Varley, William
Waterhouse, Arthur Grieves
Waterhouse, Louis David
Yuill, George Ashwin

M.B. AND B.S. DEGREES.

Abbott, Nigel Basil Gresley
Barlow, Douglas Lewis
Bean, Alan Reid
Beard, Jack Roland Stanley Grose
Beare, Frank Howard
Bennett, Norman Robertson
Birch, John Bright
Black, Geoffrey Howard
Boynton, Frank Audley Henry
Broadbent, Eric Elihu
Burden, Clive Britten
Cairns, Hugh William Bell
Close, Walter John Westcott
Cockburn, Patrick
Davey, Laurence Llewellin
Davies, Harold Whitridge
Gardner, John Forrest
Gardner, Rita Elizabeth Gavin
Gault, Arthur Kyle
George, Mildred May
Gillen, John Besley
Godfrey, Kirke Charles
Grant, Richard Longford Thorold
Guymer, Arthur Howes
Guymer, Ernest Albert
Hall, Norman Bruce
Haste, Reginald Arthur, B.Sc.
Hayward, Lancelot Alfred
Hines, Peter Joseph
Holder, Sydney Ernest
Jose, Ivan Bede
Kendrew, George Harry
Kenihan, Raphael Leo
Kollosche, Harold Frank
LeMessurier, Frederick Neill
Lendon, Guy Austin
Love, John Alexander
Lucas, Reginald Blockley
McNeil, John
Mayo, John Christian
Moore, Brian Formby
Morey, Alan Wilson

Nott, Harry Carew
O'Neill, Sydney
Pender, Ian Basil
Penny, Harold John
Phillips, William James Ellery
Plotz, Oscar Arnold
Powell, Harold
Rice, Patrick William
Rolland, James Alexander
Shierlaw, Norman Craig
Shipway, Graham Stewart
Smith, Walter Leonard
Southwood, Albert Ray
Steele, Kenneth Nugent
Strachan, James Charles Power
Sweeney, James Gladstone
Symons, Eric Lindsey
Turner, Charles Trevor
Verco, Joseph Stanley
Wall, Frederick Lawrence
Webb, John Newton
Webb, Walter Frederick Swanton
Wibberley, Brian William
Wien-Smith, Geoffrey
Williams, Arthur Evan
Wyllie, Hugh Alexander
Young, Alfreda Dorothy

B.A. DEGREE.

Adey, William James
Anderson, Marjory
Armitage, Henry James
Baker, Arthur James Kendall
Baker, Mabell Jewell
Bartholomaeus, Edmund Stanley
Bean, Edgar Layton
Belcher, Daisy Muriel
Bennett, Charles Gordon
Berry, Frances Winifred
Bignell, Annie Muriel
Bills, James
Blackburn, John Stewart
Blacket, John Wesley
Blair, Euphemia Theodosia
Browne, Philip
Burdon, Roy Stanley
Burgess, Frederick Martin
Canney, Richard Francis
Carr, Emma Lucy
Charlesworth, George
Claughton, Olive Ruby May
Claxton, Elsie Mabel
Cleggett, Edith
Clucas, Evan Lewis Beaumont
Clutterbuck, Ethel May
Coombe, Samuel Walter
Coombe, Wilfrid Samuel
Cowan, Robert Francis
Cresswell, James Edwin
Curnow, Hubert Linley
Darke, Laura Gwendoline
Davies, George Francis
Davies, William Laurence
DeLisle, Frank
Dickinson, Victor Knowlton
Digance, James Roy
Dinning, Alfred Ernest
Diment, William Stuart
Dorsch, Agnes Laura Anna
Dorsch, Ernest Georg
Drummond, Euphemia Gibb
Eardley, Frederick William
Finch, Emily Olive
Fitzgerald, Mary
Flaherty, Edward John
Fleming, Sandford
Flett, Myrtle Isabel
Flint, Adela Lysander
Flint, Harold Elsden
Fowler, Myrtle Carletta
Gale, Frederick Julius
Garton, Mary May
Gartrell, Minnie Henrietta Foxwell
Gates, Benjamin John
Gerlach, Max Johann
Gilbert, Olive Violet
Lewis, John
Godlee, Margery Rebecca
Good, Frances Helena
Gordon, Albert William
Gratton, Francis Lymer
Hains, Minnie
Halbert, George Edward
Hales, Dora Mayee
Hales, Eva Maude
Hanlon, Alice
Hardy, Mabel Phyllis
Harris, Mabel
Harrison, William Arthur
Harry, Irene Pearl
Hart, Arthur Philip Clarendon
Hayward, Kitty Pauline
Hayward, Muriel Myrtle
Head, Zuleine May
Heyne, Ida Marie
Higginbottom, Edwin Corlett
Hill, Albert Charles
Hill, Dorothy Kathleen
Hill, John Holroyd
Hodges, Dora Elizabeth
Hoskins, Howard Berthold
Hunt, Clara Irene
Hurley, Leonard Joseph Bernard
Hutley, Walter Fritz Stephen
Ireland, Norman Arthur

Jacob, John Gilbert
Jeffery, Frederick Sampson
Jenkin, Alfred John Roseland
Johncock, Charles Fuller
Jones, Lois Gwendoline
Kimber, Millicent May
Klose, Alfred Emil Johannes
Lampe, Victor Leslie
Lanyon, Jane Ruth
Laurie, Leonard Buxton
Lawry, Serena
LeLacheur, Hellier
Leslie, Colin
Lewis, Edith Averil
Limb, Arthur
Lockyer, Alfred William Hills
Londrigan, John William
Lott, Adolph Walter
Loveridge, Lillian Constance
Luke, William
Macaulay, Mary
McCann, William Francis James
McLaren, Clarence Roy
McRostie, Ella Kate
MacLaren, Peter Patrick
Mann, Gertrude Irene
Martin, William Thomas
Mawby, Olga Gates
Meyer, Elsie Josephine
Miethke, Adelaide Laetitia
Miller, Rachel Mary
Mills, Sydney Sylvanus
Michell, Winifred Irene
Molineaux, Eugene Gilbert
Moyle, Sidney
Mugford, Charles Samuel
Munn, Bertha Helen Temple
Mutton, Henry Edwin Howard
Newman, Kathleen Mary
Nicholas, Edward David
Nicholls, Jonathan Kingsley
Nietz, Herbert Walter
Nock, Leslie Cyril
Oborn, Herbert Russell
Oldham Wilfred
Padman, Clarence Swann
Paul, Clemens
Pavia, Roy Rowling
Payne, Louise Mary Gwythyr
Pearce, John Ellis
Pearce, Olive Pellew
Pearson, Henry Ernest, B.Sc.
Pentelow, Samuel Thomas Otho
Pitt, George Henry
Potter, Roy Adolph
Poynton, Mary Mabel
Prince, Erica Lloyd
Price, Walter John
Purton, David Gabriel
Rice, Ernest Oliver Roy
Richards, Eva Gertrude
Robinson, Samuel Foster
Sanders, Grace Annie
Sard, Thomas Balfour Cooper
Sarre, Vera Georgina
Schrolefield, Agnes Mary
Schroeder, Walter Louis
Schulz, Frederick Balfour, LL.B.
Sexton, Nellie Gladys
Sharman, Ethel Olive
Sharman, Florence Mary
Sharp, Walter Roy Germain
Shoebridge, William Henry
Sickert, Helene Martha
Sowter, Eleanor
Stephens, Dulcie Gladys
Stephens, Ella Mary
Steward, Frederick John Harold
Stewart, Colin Gore
Symons, Ivor Gordon
Tassie, Jean Reid
Taylor, Eric Clive Hamlet
Thomas, Frank Williams
Thrush, Harry Clifford
Timcke, Edward Waldemar
Tiver, Stanley James
Topperwein, Irwin Bismark
Topperwein, Jessie Jeannette
Tregenza, Albert Gray
Tregenza, Howard Stanley
Verco, Claude Maythorn
von Bibra, Elizabeth Bertha
Wainwright, John William
Wall, Kathleen May
Walsh, Katherine Mary
Walter, Hilda Blanche May
Watson, Percival
Weir, Isobel
Welsh, Daisy Elsie
Wemyss, Eleanor Evelyn Beatrice
Willcock, Olive Amelia
Williams, Allison Sylvia
Williams, Caroline Margaret
Williams, Elizabeth Catherine
Williams, Francis Edgar
Williams, Gwenneth
Williams, Ruby Gertrude

M.A. DEGREE.

Allen, Edgar, B.A.
Ash, Arthur Louis George, B.A.
Barbour, Graemme Madowal, B.A.
Bronner, Rudolph, B.A.
Ellis, Arthur Benjamin, B.A.
Gillham, Charles Alfred, B.A.

Gluis, John, B.A.
Hannan, Albert James, B.A., LL.B.
Kuchel, Carl Wilhelm August, B.A.
Hilton, Arthur Robert, B.A.
Jackson, Sarah Elizabeth, B.A.
Ledger, Gladys May, B.A.
Muirden, William, B.A.
Nairn, Alexander Livingstone, B.A.
Pitt, Arthur William, B.A.
Proud, Millicent Farrar, B.A.
Sanders, Isabel Mary, B.A.
Walton, Gertrude Mary, B.A.
Williams, James Henry, B.A.
Worsnop, Elsie Madeline, B.A.

B.Sc. DEGREE.

Baxter, Reginald Robert, B.Sc.
Beevor, Beatrice Ellen
Berriman, Robert Harrold
Christie, William
Cole, Cyril Richard
Collins, Arnold William
Correll, Percy Edward
Dart, Ralph John
Davey, Esther Marion
Davis, Ray
Dawkins, Alfred Ernest
Espie, Frank Fancett
Evans, Marjorie Angas
Fowler, Russell Aubrey
Gault, Estelle Ruth
Goode, Kenneth Burden
Goodman, Cyril William
Gray, Gilbert William
Haselgrove, Alan Halstead
Hutcheson, George John Dewart
Hylton, James Roy
Kneebone, Christopher Stephen
Lee, Thomas Nelson.
Lewis, Irene Gwendoline, B.Sc.
Lonergan, Honoria Mary
McDonald, Cyril George Hugh
McGlew, Phyllis Dorothy
McKail, Ronald George
Marmion, Robert James
Matthews, Frank
Messent, Philip Santo
Moyes, Alban George
Mudie, George Dempster
Newbery, John Bull
Nicholson, Hugh John Gay
Oldfield, Richard Gregory
Pellew, Clarence Everard
Pender, Roy
Perrers, Albion Marshall
Pinches, Alfred Leslie
Potts, Frank Roland
Potts, Roy Edred
Reid, Frederick William
Richards, Clarence
Robertson, Frederick Arnold
Robin, Geoffrey deQuetteville
Rodger, Geoffrey James
Sanders, Harold William, B.A.
Sanders, Raymond Charles
Scarborough, William Leslie
Schedlich, Alfred Karl
Smith, Raydon Berry
Snow, Wilfrid Rippon
Somerville, Hugh Norman
Stephens, Eric Goyne
Stevens, Norman Botting
Stoate, Theodore Norman
Tilley, Cecil Edgar
Tuck, Harry Playford
Ward, Cyril Michael, M.A.
Wheaton, George
White, Eric Barnard
Wilkinson, Herbert John
Willsmore, Hurtle Binks
Yates, Donald

MUS. BAC. DEGREE.

Arlom, Wilfrid
Atwell, Ada Ethel
Baird, Estelle
Buston, Ernest Edward
Cole, Louie Chapman
Crawford, Hazel
Dunn, John Millard
Ferrier, Gertrude May
McBride, Dorothy Evelyn
Matthews, Hilda Brisbane
Patrick, Elsie Furneaux
Payne, Eileen
Schildt, Alice
Willsmore, Elsie Victoria

NON-GRADUATING STUDENTS—SESSION 1913.

FINAL CERTIFICATE IN LAW.

Dempster, Frederick William
Gifford, Alfred Silva Harril
Nesbit, Hubert Gordon Pariss
Thornton, Walter Archibald

ARTS AND SCIENCE.

Allen, Reginald Stanley
Anderson, Atel Harrold
Andrew, Horace Walpole
Ashton, Eno Maglona
Ayliffe, William Lionel
Barnes, Alice Mary
Barrett, Arthur George
Bastard, Frederick John
Bennett, William
Beresford, William Russell
Bierwirth, Ralph
Boas, Albert Victor
Boxall, Arthur D'Auvergne
Bray, James Henry
Brummitt, Ida Muriel
Bulbeck, Arthur Leslie
Burnett, Charles Victor
Cameron, Robert Ewen
Campbell, Robert
Campbell, Thomas Draper
Cartwright, Clifford Norman
Cilento, Raphael West
Cleggett, May
Corry, Thomas Edison Spurgeon
Dalton, Frank Patrick
Davey, Constance Muriel
Day, Sylvester Sydney
Denton, Eli
Denton, Esmond Knill
D'Enyar, John James
Devitt, Edith Margaret
Drinkwater, Thomas William John
Duce, Henry Bedford
Ellis, Hartley Edwin
Engelbrecht, Roy
Evans, John Richard Schromburgh
Farquhar, Allan James
Ferguson, Mary Salier
Fewster, Walter John
Finlayson, Hedley Herbert
Finnis, Harrold Jack
Francis, Archibald Roy
Gartrell, Francis John
Gellert, Leon Maxwell
Gibson, Roy George
Gilbert, Walter Stanley Scollard
Goss, Norman Claridge
Gray, Leslie John
Gribble, Ellen Elizabeth
Gowans, Andrew
Gracie, Eva Agnes
Gryst, Neil Ingram
Haese, Ernest Alfred Wilhelm
Hains, Esther Henrietta
Ham, William
Hamence, Charles Edward Thomas
Harding, Horace Ralph
Hardy, Dorothy Mayfield
Hastwell, Amy
Hay, Ida Cornish
Healy, Catherine
Hendry, Charlotte Mildred
Hodgson, Keith
Holland, George Harold
Hopkins, Alfred John
Hopkins, Herbert Otley
Hornabrook, Harold Merton
Hughes, Wilfrid John Mann
Humble, Dudley Samuel Walter
Humphrey, Frederick
Jeffreys, Jeffrey Graham
Jenkins, Evan
Jew, Henry William
Johncock, John Arthur
Jones, Albert Edward
Jones, Eric Edmund
Juncken, Eric Sidney
Kayser, Julius August William
Keley, Arthur Harold George
Kelly, William James
Kennedy, Alexander Lorimer
Koster, Alfred Harry
Laffan, Anna Estelle
Latter, Maria James
Leahey, Ernest Albert
Lindon, Leonard Charles Edward
Linn, Leslie Wadmore
Lister, William Herbert
Little, Maud Isabel
Lloyd, Ethel Innes
Lushey, Harold Merton
McCaffrey, Norman Vincent
McInnes, Catherine Isabel
MacKenzie, Lancelot
McKenzie, William Henry Purvis
Maddern, Cecil Boase
Martindale, Cyril Francis
Mayne, Selma
Melbourne, Dugall Archibald
Messent, Albert Edward
Meyer, Carl Otto
Monk, Aquila
Morphett, George Arthur
Morphett, Zeta Rose
Moten, Thomas
Muirhead, Graham David
Murphy, Dennis Daniel
Murrie, Jack Esdale Parr
Nadebaum, John Charles
Nation, Lina Gillard
Neale, Ernest Hillary William
Newling, Russell Lee
Noack, John Charles
Northey, James Douglas
Northey, Robert
Odgers, Josiah Walter
Okeley, Christopher Carl
Pengelley, Joseph John

Phillips, Mary Scott
Plotz, Ernest Michael Anton
Pryor, James
Pryor, William Arthur
Raepple, Eileen Bertha
Rennie, Harriet Alison
Richardson, Ernest Alfred
Riddle, Arthur Raymond
Riddle, Edgar Harrold
Roach, Dorothy Angela
Roberts, Hilda Latham
Rodley, Harold Roy Ernest
Rose, Harry Ernest
Rowe, Gordon
Rudkin, Leonora Stella Grace
Russell, Alfred Burgess
Samuel, Harriet Claude
Scarfe, Arthur Hamilton
Schlank, Olive Marjorie
Schmitz, Maurice
Schneider, Carl Edmund
Shaw, George Dorricut
Smith, Iris Eileen
Snell, Richard John
Steele, Donald MacDonald
Stephenson, Nellie
Stewart, Helen Fowler
Stronach, William Keith
Sudholz, Gertrude Alice
Summerhayes, Reginald
Sutherland, William Alexander
Tapley, Irene Purfoy
Taylor, Benjamin Thomas
Tenlon, Seymour Neilson Wauchope
Theel, Percy Elliott
Thomas, Kathleen Kyffin
Thomas, Philip Benjamin
Thornber, Kathleen Ellen
Topperwein, Keith Kosciusco
Traeger, Alfred Herman
Tuck, Bernard Edward Charles
Upton, Robert Courtiss
Virgint, Allan Hawtry
Walker, Eric Cecil
Wallmann, Douglas Robson
Warren, Sidney Lilla
Weidenbach, Werner Walter
Welch, James Richard
Wells, Angelica Leslie
Wells, Constance Mary
Wells, Marjorie Gertrude
Williams, Albert Lloyd
Wilson, Laurence Algernon
Wishart, John Webster
Wood, Annie Joyce
Young, Raymond Michell

STUDENTS PROCEEDING TO THE DIPLOMA IN COMMERCE.

Aldham, Thomas William
Aldersey, Wilfred Egerton
Allen, Richard
Anthony, Guy Liddon
Appleby, William Frederick
Armour, William Edward
Baker, Harold Holmes
Bartlett, John Vernon
Bathgate, John Pender
Battye, George Harry
Battye, Ross
Beasley, Henry John
Biddle, John Parr Harding
Biggs, James Marshall
Bishop, William Poole
Bradley, Hubert Charles
Brice, Albert Marshall
Brice, Hubert Clifford
Bridgman, Hugh Hossick Mackay
Bridgman, William (Jun.)
Brown, Leonard Sawtell
Brown, Robert Eric Bruce
Bungey, Ernest
Calder, William Cormach
Cant, Leonard George
Carter, Howard Oliver
Caust, Leslie George William
Chabrel, Edwin Gilbert
Chapple, Herbert Horace
Cooling, George Harrold
Creswell, John Thornton
Crump, Elizabeth Bryce
Davies, Clive Runalls, B.A.
Davies, Ellis Edward
Davis, Henry Charles
Deegan, Frederick Alfred
Featherstone, Leslie Williams
Foxworthy, John Henry
Gerny, Stanley Leo.
Gill, Franklin
Gillick, Francis
Goode, Eric Ralph
Goode, Roger Britten
Goss, Edwin Scholar
Hains, Charles Ralph Alexander
Harris, Frank Reginald
Henderson, Henry Beecher
Hendry, Campbell Alexander
Hogben, Horace Cox
Holmes, Louis Gordon
Howie, George Percival
Hudson, Ernest Gladstone
Hughes, Leonard Headland
Hughes, Percival James
Hummel, Herbert Whitsey
James, Charles Kingsley
Jones, Frank Longhurst
Loan, William Clarence

Loftes, Clarence William Basil
Lord, James Herbert
Mackie, Malcolm Charles Albert
Malone, John Stephen
Marten, Robert Humphrey, B.A.
Martin, Colin Walter
Medlyn Edwin Leslie
Meldrum, Roy Stevenson
Mills, Edward Whitfield
Mitchell, Bruce
Mitchell, Mervin Lance
Mongan, William Henry
Morphett, Archie Harold
Morphett, Glenton Stuart Victor
Morris, Herbert Lancelot
Morris, Sydney Clarence
Moyes, Cecil Clarence
Moyes, Charles Robert
Moyle, John Ewart
Nield, Arthur Restarick
Olifent, Edwin Bruce
Paltridge, Thomas Castle
Parr, Fred Teneriffe Norman Alec.
Parr, Harry Sidney
Paton, Walter David Chalmers
Pitcher, Cyril Knight
Ponder, Gilbert Walter Graham
Porter, Christopher Charlton
Preese, Edgar James
Prest, David Howard
Pritchard, Harold Christopher
Redpath, Robert John Irvine
Reid, Clarence Cecil
Robertson, Clement Oliver
Roeger, Rudolph Victor Edelbert
Russack, Frederick William
Scotland, John Hutchison
Shaw, George Horace
Shaw, John Frederick James
Siebert, Gisela
Siggins, Isaac
Smith, Ernest Excell
Smith, Leslie Samuel
Solly, Hubert Ambrose
Steed, William Henry Nichols
Tassie, Eric Harry
Thew, John Ridley
Turner, Archibald Donald
Turner, Percy
Tweedale, Robert John
Varley, John
Vaughan, Laurence
Verren, Frederick Gordon
Vertue, Arthur Renton
Wallmann, Charles Roy
Watts, George Gordon
Watts, Octavius Melrose
Welsh, Glenelg William Dunbar
West, Wilfred Arnold
White, Roy Melville
Wilkinson, Cyril Quinton
Williams, Eric Spencer
Williams, Francis James
Williams, John Carter
Wilson, Andrew Caldwell
Wilson, Thomas Stewart
Winter, Claude Howard Stanley
Witt, Arthur Howard
Wyles, Thomas Andrew

The lists for 1912 *and* 1911 *are also included for convenience of reference.*

LIST OF STUDENTS, 1912.

UNDERGRADUATE STUDENTS—SESSION 1912.

LL.B. DEGREE.

Abbott, Charles Arthur Hillas Lampriere
Alderman, Henry Graham
Badger, Magnus
Badger, Robert
Blackburn, Arthur Seaforth
Cox, Edwin Baxter
Davenport, Arthur Vernon
Davey, Robert Shannon
Delbridge, Sandford Rhodes
Dempster, William Frederick
Ferguson, Angus Salier, B.A.
Fisher, Guy
Genders, Eustace Alexander
Goldsworthy, Spencer Gordon
Griffiths, Thomas Lester
Hannan, Albert James, B.A.
Healy, Kevin John Bernard
Heuzenroeder, Rudolph Hermann
Hunt, William Robert
Joyner, Max Frederick
Kerr, Donald (Jr.)

Kirkman, Kenneth Hainsworth
Kitson, Mary Cecil
McDonald, Ross
McGee, John
Marshall, George Steel
Mellor, Thomas Reginald
Millhouse, Eric William John
Mills, John Brier
Moody, Harold Eric
Moulden, Arnold Meredith
Piper, Harold Bayard
Povey, Edward
Pyne, William Ewart
Reed, Geoffrey Sandford
Regan, James William
Roberts, Donald Arthur
Robinson, Edgar
Rollison, William Alexander
Ross, Dudley Bruce
Schultz, Frederick Balfour
Sinclair, John Mitchell
Smith, Frank Seymour
Sweeney, John Grant
Tucker, Reginald Mervyn
Varley, William
Waterhouse, Louis David
Yuill, George Ashwin

M.B. AND B.S. DEGREES.

Abbott, Nigel Basil Gresley
Ashby, Ivan Edwin
Baker, Ralph Alderton
Barlow, Douglas Lewis
Beard, Jack Roland Stanley Grose
Birch, John Bright
Black, Geoffrey Howard
Burden, Clive Britten
Cairns, Hugh William Bell
Close, Walter John Westcott
Cockburn, Patrick
Davey, Lawrance Llewellin
Dunstone, Horace Edgar
Florey, Hilda Josephine
Gardner, John Forrest
Gardner, Rita Elizabeth Gavin
Gault, Arthur Kyle
George, Mildred May
Godfrey, Kirke Charles
Guymer, Arthur Howes
Guymer, Ernest Albert
Haste, Reginald Arthur, B.Sc.
Hayward, Lancelot Alfred
Hines, Peter Joseph
Holder, Sydney Ernest
Jose, Ivan Bede
Kenihan, Raphael Leo
Kollosche, Harold Frank
LeMessurier, Frederick Neill
Love, John Alexander
Lucas, Reginald Blockley
McEwin, Keith
Mayo, John Christian
Morey, Alan Wilson
Nott, Harry Carew
Penny, Harold John
Phillips, William James Ellery
Plotz, Oscar Arnold
Powell, Harold
Rennie, Henry Charles Cadell
Rice, Patrick William
Rolland, James Alexander
Shipway, Graham Stuart
Smith, Walter Leonard
Southwood, Albert Ray
Steele, Kenneth Nugent
Strachan, James Charles Power
Sweeney, James Gladstone
Tassie, Leslie Gemmel
Turner, Charles Trevor
Verco, Joseph Stanley
Wall, Frederick, Lawrence
Webb, Walter Frederick Swanton
Wells, John Clarence
Wibberley, Brian William, B.Sc.
Wien-Smith, Geoffrey
Williams, Arthur Evan
Wyllie, Hugh Alexander
Young, Alfreda Dorothy

B.A. DEGREE.

Adey, William James
Allen, Lois Waveney
Anderson, Majory
Ashton, John Torrens
Baker, Arthur James Kendall
Baker, Mabel, Jewell
Barbary, William John
Barbour, Robert
Barnes, Florence Marion
Bartholomaeus, Edmund Stanley
Bartlett, William John
Bean, Edgar Layton
Belcher, Daisy Muriel
Berry, Frances Winifred
Blackburn, John Stewart
Blacket, John Wesley
Blair, Euphemia Theodosia
Boyer, Gertrude Mary
Brenner, Rudolph
Brose, Henry Leopold Adolph Hermann, B.Sc.
Browne, Philip

Bruns, Ernest Otto Alfred
Burdon, Roy Stanley
Burnett, Evelyn Constance
Canney, Richard Francis
Carne, Alfred George
Carr, Emma Lucy
Cattle, Alton Claude
Chennell, Percy Howard
Claughton, Olive Ruby May
Cleggett, Edith
Clutterbuck, Ethel May
Coles, Herbert Henry
Coles, Mignonette
Coombe, Samuel Walter
Coombe, Wilfred Samuel
Cowan, Robert Francis
Cummins, Edith Alice
Curnow, Hubert Linley
Davies, William Lawrence
Dearlove, Cato Russel Haughton
deLisle, Frank
Diment, William Stewart
Dinning, Alfred Ernest
Dorsch, Ernest George
Drummond, Euphemia Gibb
Dunstan, John Francis
Eardley, Frederick William
Finch, Emily Olive
Flaharty, Edward John
Fleming, Sandford
Flett, Myrtle Isabel
Flint, Harold Elsden
Ford, James Albert
Fornachon, Paul Chas. Albert, B.Sc.
Fowler, Myrtle Carletta
Furner, Annie Blanche
Gale, Frederick Julius
Gartrell, Minnie Henrietta Foxwell
Gerlach, Max Johann
Gilbert, Olive Violet
Giles, Harold, B.A.
Gillham, Charles Alfred
Gluis, John
Haines, Minnie
Halbert, George Edward
Hales, Dora Maeye
Hall, Charles Fishbourne, B.A.
Hardy, Mabel Phyllis
Harry, Irene Pearl
Hart, Arthur Philip Clarendon
Hayward, Kitty Pauline
Henderson, Walter
Heyne, Ida Marie
Hill, Albert Charles
Hill, Dorothy Kathleen
Hill, John Holroyd
Hodges, Dora Elizabeth
Hogben, Janet Richmond
Hoskins, Howard Berthold
Howard, Arthur Ewing
Hurley, Leonard Joseph Bernard
Hutley, Walter Fritz Stephen
Ingleton, Helena Webster
Ireland, Norman Arthur
Jackson, Lawrence Stanley
Jeffrey, Frederick, Sampson
Jenkin, Alfred John Roseland
Johncock, Charles Fuller
Johnson, Edwin Ralph
Lampe, Victor Leslie
Lanyon, Jane Ruth
Ledger, Gladys May
Le Lievre, Florrie May
Leslie, Colin
Love, James Robert Beattie
Lundberg, Carl Oscar
McAteer, Patrick Joseph
McDowell, Coral Gwendoline
McGlew, Phyllis Dorothy
Maclaren, Peter Patrick
Martin, William Thomas
Mawby, Olga Gates
Mayo, Mary Penelope
Meldrum, Eric Douglas
Miethke, Adelaide Laetita
Miller, Rachel Mary
Mills, Sydney Sylvanus
Mitton, Ernest Gladstone, B.Sc.
Molineux, Eugene Gilbert
Moody, Frank Harbour
Moyes, John
Moyle, John Ewart
Mutton, Henry Edwin Howard
Newman, Kathleen Mary
Nicholas, Edward Davis
Nicholls, Jonathan Kingsley
Nietz, Herbert Walter
Nock, Leslie Cyril
O'Donoghue, Stephen Kevin
Oldham, Wilfrid
O'Neill, Sydney
Oswald, George Harry
Padman, Clarence Swann
Page, Albert Edward
Paul, Clemens
Pavia, Dorothy Adele
Pavia, Roy Rowling
Payne, Louise Mary Gwythyr
Pearce, Olive Pellew
Pearson, Henry Ernest, B.Sc.
Pitt, George Henry
Potter, Roy Adolph
Powell, Miriam Athalia
Price, Walter John
Prince, Erica Lloyd
Proud, Millicent Farrer
Reimann, Valesca Leonora Olive, B.A.
Richards, Eva Gertrude
Richards, Juanita Amelia
Richards, Minette

Rowe, Edgar Percival
Sanders, Harold William
Scholefield Harold William
Sharman, Florence Mary
Sharp, Doris Eileen
Sickert, Helene Martha
Simons, Raymond Payne
Sowter, Eleanor
Stephens, Ella Mary
Stevens, Aubrey Clement
Steward, Frederick John Harold
Stewart, Colin Gore
Symons, Ivor Gordon
Tassie, Jean Reid
Taylor, Eric Clive Hamlet
Thomas, Frank Emerson
Thomas, Frank Williams
Thrush, Harry Clifford
Tilbrook, Emily Grace
Timcke, Edward Waldemar
Topperwein, Irwin Bismarck
Topperwein, Jessie Jeanette
Tregenza, Albert Gray
Tregenza, Howard Stanley
Trudinger, Martin
Tuck, Allen Playford
Verco, Claud Maythorn
von Bibra, Elizabeth Bertha
Walter, Hilda Blanche May
Ward, Cora Merle
Ward, Cyril Michael
Warncken, Dorothy Mary
Watson, Percival
Weir, Isobel
Wellington, Gordon Stanley
Wemyss, Eleanor Evelyn Beatrice
Wheaton, George
Wilkinson, Herbert John
Willcock, Olive Amelia
Williams, Caroline Margaret
Williams, Elizabeth Catherine
Williams, Francis Edgar
Williams Gwenneth
Williams, Ruby Gertrude
Younkman, Landau

M.A. DEGREE.

Allen, Edgar, B.A.
Ash, Arthur Louis George, B.A.
Cowell, Frances Henry, B.A.
Davies, Clive Runalls, B.A.
Ellis, Frank B.A., B.Sc.
Hosking, Herbert Clifton, B.A.
Ingamells, Dora, B.A.
Jackson, Sarah Elizabeth, B.A.
Kuchel, Carl Wilhelm August, B.A.
Melbourne, Alexander Clifford Vernon, B.A.
Muirden, William, B.A.
Nairn, Alexander Livingstone, B.A.
Paynter, Ralph Horwood, B.A.
Potts, Ethelwyn, B.A.
Rossiter, James Leonard, B.A.
Stephens, Lillian Mary Theakston, B.A.
Walton, Gertrude Mary, B.A.
Woolnough, Harold, B.A.
Worsnop, Elsie Madeline, B.A.

B.Sc. DEGREE.

Bagot, Edward Mead, B.A.
Baines, David
Baxter, Reginald Robert
Beare, Frank Howard
Beevor, Beatrice Ellen
Bennett, Norman Robertson
Berriman, Robert Harold
Bleechmore, Clive
Clinton, Edgar
Close, Frank Wilkinson
Cole, Cyril Richard
Dart, Ralph John
Davey, Esther Marion
Davis, Ray
Dawkins, Alfred Ernest
Edwards, Norman Holehouse
Ellison, Thomas William
Espie, Frank Fancett
Flint, Gordon Bruce
Fornachon, Paul Charles Albert, B.Sc.
Fowler, Russell Aubrey
Funnell, Arthur Harold
Gault, Estelle Ruth
Goode, Kenneth Burden
Goodman, Cyril William
Grant, Richard Longford Thorold
Gray, William Watt Erskine
Hall, Norman Bruce
Harder, John Reedie
Hardy, Tom Mayfield
Haselgrove, Alan Halstead
Henzell, John Sithern
Hylton, James Roy
Jeffreys, Jeffrey Graham
Lendon, Guy Austin
Lonergan, Honoria Mary
Long, Charles Percy
McDonald, Cyril George Hugh
McKail, Ronald George
Madigan, Paul Edward
Marmion, Robert James
Matthews, Frank
Messent, Philip Santo
Moyes, Alban George
Newbery, John Bull
Oldfield, Richard Gregory
Pender, Ian Basil
Pender, Roy

Perres, Albion Marshall
Pinches, Alfred Leslie
Pollard, Frank Dowland
Potts, Roy Edred
Potts, William Andrew
Reid, Frederick William
Rodger, Geoffrey James
Sanders, Harold William
Sargent, Lionel Obeithio
Schedlich, Alfred Karl
Shepherd, Henry George
Snow, Wilfred Ripon
Somerville, Hugh Norman
Southern, Harold Alfred
Statton, Josiah William
Stephens, Eric Goyne
Stevens, Norman Botting
Stoate, Theodore Norman
Swift, Harry Houghton
Symons, Eric Lindsey
Tilley, Cecil Edgar
Webb, John Newton
White, Eric Barnard
Willsmore, Hurtle Binks
Wilton, Richard Gladstones
Woods, Mina
Yates, Donald

MUS. BAC. DEGREE.

Atwell, Ada Ethel
Baird, Estelle
Bignell, Annie Muriel
Buston, Ernest Edward
Cheek, Muriel Elizabeth, A.M.U.A.
Cole, Louis Chapman
Coumbe, Hurtle Harold
DeRose, Doris May
Dunn, John Millard
Evans, Bert
Ferrier, Gertrude May
Griffiths, George Townsend
James, Doris
Jeffery, Mary Winifred Magdalene
Leckie, Alexander Joseph
McBride, Dorothy Evelyn
Trevelyan, Cecil
Willsmore, Elsie Victoria

NON-GRADUATING STUDENTS—SESSION 1912.

FINAL CERTIFICATE IN LAW.

Nesbit, Hubert Gordon Paris
Thornton, Walter Archibald

ARTS AND SCIENCE.

Abbott, Clifford Arthur
Abbott, Helena Jane Lockyer
Allen, Charles Harold
Ashton, Eno Maglona
Atkinson, James Wilfred Owst
Barbour, Helen
Barrington, Walter
Bartholomaeus, Annie Hazel
Basedow, Fritz Johannes
Bean, Alan Reid
Bevilaqua, Florence
Bierworth, Ralph
Bills, James
Birt, Percival Hocking
Blackwell, Edwin John
Both, Howard
Boxall, Arthur D'Auvergne
Burns, E. R.
Campbell, Walter Victor
Chance, Sydney Howard
Charlesworth, George
Cherry, Henry Wilmington Spower
Cleggett, May
Clutterbuck, Ida Blanche
Cocks, Kate Boadicea
Collins, Percy Newton
Coombe, Edward Ingerson
Cornelius, John Gerald
Cornish, Charles Bennett
Davey, Constance Muriel
Davidson, Arthur Leonard
Davies, George Francis
Day, Harry Chalklen
Denton, Eli
Denton, Esmond Knill
D'Enyar, John James
Detrow, Enid Estelle
Dorsch, Agnes Laura Anna
DuRieu, Kenneth Percival
Eustace, John Leonard
Fairweather, Margaret Gardiner
Fearon, Herbert Douglas
Finch, Reginald Hales
Finlayson, Hedley Herbert
Finnis, Harold Jack
Fitzgerald, Richard Francis
Fusedale, Henry Charles
Gellert, Leon Maxwell
Gibert, Walter Stanley Scollard
Good, Frances Helena
Gould, Frederick Keen
Gratton, Francis Lymer
Gray, Leslie John
Gryst, Neil Ingram
Guenther, Rudolph John
Gunn, William John

Ham, William
Hamence, Charles Edward Thomas
Harding, Horace Ralph
Harris, Alfred John Plaint
Hartmann, John Charles
Hastwell, Amy
Hendry, Charlotte Mildred
Higgenbottom, Edwin Corlett
Hopkins, Alfred John
Hopkins, Herbert Oxley
Hornabrook, Mabel Susan
Hughes, Eric William
Hughes, Wilfrid John Mann
Ide, Frank Boyle
Jeffrey, Gertrude Maxwell
Jones, John
Jones, Oiver David
Jones, Brynmore Beveridge
Joseph, Paul Hamilton Morris
Keley, Arthur Harold George
Kelly, Alan Harcourt
Kelly, William Stanley
Kent, Edgar
Kingsborough, Reginald Barton
Klose, John Emil Alfred
Koster, Alfred Harry
Kummnick, Albert Johannes Paul
Laffan, Anna Estelle
Lampe, Frances Elizabeth
Lloyd, Ethel Innes
Lloyd, Theodore Russell
Long, Sarah Frances
Long, William
Lushey, Harold Merton
Macauley, Mary
Mann, Gertrude Irene
Matters, Reginald Frank
McCloughry, Edgar James
Mears, Arthur Cyril
Meathrel, Hubert Charles
Mee, Cyril James
Melbourne, Henry Ewin Sydney
Menz, Herman Victor
Messent, Albert Edward
Michelmore, Icel Edwin
Mills, Albert Victor
Moffat, Anna Marie
Morphett, Zeta Rose
Monk, Aquila
Motteram, Phillip
Moyle, Sydney
Murphy, Dennis Daniel
Murrie, Jack Esdale Parr
Nadebaum, John Charles
Nancarrow, Henry
Nation, Lina Gillard
Neale, Alfred Herbert
Newman, Violet Lovely
Nicholls, Jonathon Kingsley
Noack, John Charles
Norton, John Charles Brazil
Oliver, William Davison
Pederick, Edwin Albert
Pengelley, Joseph John
Phillips, Mary Scott
Pryor, James
Purton, David Gabriel
Reid, Hugh Clyde
Roach, Eva May
Roach, Dorothy Angela
Roberts, Hilda Latham
Roberts, Thomas Goulden
Robertson, Frederick Arnold
Robin, Beatrice
Robinson, Mary Eliza
Rofe, Percy James
Sanders, Constance Edith
Sanders, Grace Annie
Sanders, Irma
Saunders, Maurice Edward
Schmitz, Maurice
Schneider, Wilfrid
Schroeder, Arthur Theodore
Schultz, Paul Otto
Scrutton, Stanley Urquhart Austin
Shansay, William Bonwill
Shapter, Rupert Eric
Shetliffe, George Thomas
Simpson, Thomas Grierson
Slattery, Richard Thomas
Smith, Archeline Mary Cathcart
Smith, Iris Eileen
Sorrell, Harry Randolph
Stephens, William Roach
Stephens, John James
Stephenson, Nellie
Strangman, John Handcock
Sudholz, Gertrude Alice
Swan, Charles Ernest Owen
Taplin, Colin Quintrell
Tapp, Lynda Adrian
Taylor, Benjamin Thomas
Temby, Philip Waghorn
Theel, Percy Elliott
Traeger, Alfred Herman
Tuck, Carrie Muriel
Virgint, Alan Hawtry
Vowles, William Tyley
Wagstaff, Harry James
Wainwright, John William
Walker, Eric Cecil
Walton, John Edmund
Warren, Sidney Lilla
Wells, John Roy
West, Doris Marjorie
White, Isabel
Williams, Albert Lloyd
Williams, Richard Francis
Williams Thomas James
Wilson, Mervyn LeMaistre
Wood, Annie Joyce
Young, Ellen Aretas

STUDENTS PROCEEDING TO THE DIPLOMA IN COMMERCE.

Aldersey, Wilfred Egerton
Allen, Richard
Anthony, Guy Liddon
Bathgate, John Pender
Battye, George Harry
Bayly, William Lawes
Beasley, Henry John
Bender, Alfred Charles
Biggs, James Marshall
Blackwell, Frank Mead
Boucaut, Lancelot Ray Penn
Bradley, Hubert Charles
Bratchford, James Joseph
Brice, Albert Marshall
Bridgman, William (Jr.)
Bridgman, Hugh Hossick McKay
Brown, Leonard Sawtell
Brown, Robert Eric Bruce
Bungey, Ernest
Calder, William Cormack
Campbell, Jessie, B.A.
Carter, Howard Oliver
Carter, John Vernon
Caust, Leslie George William
Champion, George Arthur
Chapman, Stanley Irwin
Chappel, Herbert Horace
Creswell, John Thornton
Crump, Elizabeth Bryce
Davey, Gordon Edwin Macklin
Davidson, James Wingfield
Davies, Clive Runnalls, B.A.
Deegan, Frederick Alfred
Featherston, Leslie Williams
Fisher, Gladstone Leslie
Flint, Harold Elsden
Fordham, Roy Ogilvie
Foxworthy, John Henry
French, David George
Gerny, Stanley Leo
Gill, Franklin
Gillick, Francis
Goode, Roger Britten
Goss, Edwin Schollar
Hancock, Cecil George
Hannaford, Lancelot Ramsay
Harris, Russell Hope
Harris, Frank Reginald
Harvey, Leslie Morison
Hastwell, Clifford
Heath, Louis Alfred
Henderson, Henry Beecher
Hendry, Campbell Alexander
Hodge, Randolph Gordon Clare
Hogben, Horace Cox
Howard, Egbert Percy
Howie, George Percival
Hummel, Herbert Whitsey
Jones, Frank Longhurst
Jones, Merlyn Brecon
Laity, Henry Mackay
Loan, William Clarence
Lord, James Herbert
Louden, James Norman
Mackie, Malcolm Charles Albert
Marsham, Benjamin Kenneth
Martin, Colin Walter
Medlyn, Edwin Leslie
Miller, Clifford William Littlejohn
Mills, Edward Whitfield
Malony, John Langford
Malony, Eugene Ignatius
Moore, Harry Formby
Morphett, Archie Harold
Morris, Herbert Lancelot
Moyes, Cecil Clarence
Moyes, Charles Robert
Moyle, John Ewart
Murrie, George Inglis
Neuenkirchen, Hermann Adolph Heinrich
Newlands, Andrew Stewart
Newman, Archibald Grosvenor
Newman, Cecil Victor
Nield, Arthur Restarick
Paltridge, Thomas Castle
Parr, Fred. Teneriffe Norman Alec.
Parr, Harry Sydney
Paton, Walter David Chalmers
Pearce, James Hartley
Phillips, Gordon Alexander
Ponder, Gilbert Walter Graham
Ralph, James Price
Rees, Melville Wybert
Reid, Clarence Cecil
Richards, Sydney Herbert
Roeger, Rudolph Victor Edelbert
Russack, Frederick William
Russell, Harry Drever
Shadforth, Percy Stephen
Scholefield, Ernest Stanley
Shaw, George Horace
Shaw, John Frederick James
Shaw, Percy Robert
Siebert, Gisela
Siggins, Isaac
Smith, Leslie Samuel
Solly, Hubert Ambrose
Steed, William Henry Nichols
Tassie, Eric Harvey
Turner, Percy
Tweedale, Robert John
Uren, Arthur Randell
Waterhouse, Frederick Edward
Watts, George Gordon
Welsh, Daisy Elsie
Welsh, Glenelg William Dunbar
Wildy, Frederick William
Wilkinson, Cyril Quinton
Williams, Eric Spencer
Williams, John Carter
Wilson, Thomas Stewart
Winter, Claude Howard Stanley
Witt, Arthur Howard
Wyles, Thomas Andrew
Wyllie, Eric Thomas
Young, Graham Hosie

LIST OF STUDENTS, 1911.

UNDERGRADUATE STUDENTS—SESSION 1911.

LL.B. DEGREE.

Abbott, Charles Arthur Hillas Lempriere
Badger, Robert
Blackburn, Arthur Seaforth
Campbell, Donald
Cleland, Thomas Erskine
Cowan, George Dalrymple
Cox, Edwin Baxter
Davenport, Arthur Vernon
Davey, Robert Shannon
Dempster, William Frederick
Ferguson, Angus Salier, B.A.
Gelston, Hedley Ringrose
Genders, Eustace Alexander
Giles, Mortimer
Griffiths, Thomas Lester
Hannan, Albert James, B.A.
Healy, Kevin John Bernard
Herald, Vere Fenton
Heuzenroeder, Rudolf Hermann
Hicks, Francis Gibson
Hunt, William Robert
Joyner, Max Frederick
Jones, Doris Egerton, B.A.
Kerr, Donald (Jun.)
McDonald, Ross
McGee, John
Marshall, George Steel
Mellor, Thomas Reginald
Millhouse, Eric William John
Mills, John Brier
Moody, Harold Eric
Moulden, Arnold Meredith
Nesbit, Hubert Gordon Paris
Norman, William Ashley
Pinch, Allan Love
Piper, Harold Bayard
Pyne, William Ewart
Reed, Geoffrey Sandford
Regan, James William
Roberts, Donald Arthur
Robinson, Edgar
Rollison, William Alexander
Ross, Dudley Bruce
Schultz, Frederick Balfour
Sinclair, John Mitchell
Smith, Frank Seymour
Sweeney, John Grant
Varley, William
Waterhouse, Louis David
Whitington, Louis Arnold
Yuill, George Ashwin

M.B. AND B.S. DEGREES

Abbott, Nigel Basil Gresley
Ashby, Ivan Edwin
Baker, Ralph Alderton
Barlow, Douglas Lewis
Baylis, Ellis Ladbury
Beard, Jack Roland Stanley Grose
Birch, John Bright
Boer, Adolph Oswald
Burden, Clive Britten
Burnell, Glen Howard
Close, Walter John Westcott
Cockburn, Patrick
Davey, Laurance Llewellin
Dolling, Charles Edward
Donelly, Thomas Hugh
Drew, Charles Francis
Dunstone, Horace Edgar
Florey, Hilda Josephine
Gardner, John Forrest
Godfrey, Kirke Charles
Guymer, Arthur Howes
Guymer, Ernest Albert
Hains, Ivan Coronel
Harvey, Gilbert Aberdein
Hayward, Lancelot Alfred
Hines, Peter Joseph
Holder, Sydney Ernest
Jose, Ivan Bede
Kenihan, Raphael Leo
Kneebone, John LeMessurier
Kollosche, Harold Frank
LeMessurier, Frederick Neill
Love, John Alexander
Lucas, Reginald Blockley
McCarthy, Kevin Aloysius
McEwin, Keith
Mayo, John Christian
Moffatt, May Josephine
Muirhead, Leonard Graeme
Nott, Harry Carew
Penny, Harold John
Phillips, William James Ellery
Pitcher, Cyril Frederick
Powell, Harold
Rennie, Henry Charles Cadell
Rice, Patrick William
Rolland, James Alexander
Russell, Ernest Albert Harold
Seppelt, Norbert Erno.
Shipway, Graham Stuart
Shorney, Margaret Emmeline
Sinclair, William Malcolm
Smith, Walter Leonard
Steele, Kenneth Nugent

Stoddart, Harold William Downing
Strachan, James Charles Power
Sweeney, James Gladstone
Tassie, Leslie Gemmel
Thomas, Edward Brooke
Turner, Charles Trevor
Verco, Joseph Stanley
Wall, Frederick Lawrence
Webb, Walter Frederick Swanton
Wells, John Clarence
Wien-Smith, Geoffrey
Williams, Arthur Evan
Wilton, Alexander Cockburn
Wyllie, Hugh Alexander
Young, Alfreda Dorothy

B.A. DEGREE

Abbott, Charles Arthur Hillas Lempriere
Allen, Lois Waveney
Anthony, Ernest
Bagot, Edward Mead
Baker, Mabel Jewell
Barbour, Graemme Madowal
Barbour, Robert
Barnard, Marguerita Mira
Bartholomaeus, Edmund Stanley
Bartlett, William John
Barton, Felix Kingston
Bean, Edgar Layton
Belcher, Daisy Muriel
Beevor, Hilda Frances Harriet
Bennett, Charles Gordon
Biddle, John Parr Harding
Blackburn, John Stewart
Blacket, John Wesley
Blair, Euphemia Theodosia
Blake, Florence
Bowering, Benjamin Percy
Boyer, Gertrude Mary
Bronner, Rudolph
Brose, Henry Leopold Adolph Hermann, B.Sc.
Browne, Philip
Bruns, Ernest Otto Alfred
Buckingham, May
Callaghan, Thomas Jerome
Canney, Richard Francis
Capper, Doris Elfleda
Carne, Alfred George
Carr, Emma Lucy
Caust, Leslie George William
Chennell, Percy Howard
Claxton, Elsie Mabel
Cleggett, Edith
Coles, Mignonette
Coombe, Wilfred Samuel
Crump, Elizabeth Bryce
Davies, William Laurence
Dearlove, Cato Russel Haughton
deLisle, Frank
Diment, William Stuart
Dixon, Herbert Ernest
Donachy, William Francis
Dunstan, John Francis
Eardley, Frederick William
Ellis, Arthur Benjamin
Ellis, Frank B.Sc.
Fleming, Sandford
Flint, Harold Elsden
Fornachon, Paul Charles Albert, B.Sc.
Fowler, Myrtle Carletta
Furner, Annie Blanche
Gale, Frederick Julius
Gardner, George Gavin Forrest
Gartrell, Minnie Henrietta Foxwell
George, Mildred Alice
Gilbert, Olive Violet
Gilbert, Walter Stanley Scollard
Giles, Harold
Gillham, Charles Alfred
Gluis, John
Goode, Gordon Powell
Gunn, Helen Alexandrina
Haines, Minnie
Hall, Doris Gardner
Ham, William
Hardy, Mabel Phyllis
Hamilton, Gerald Claude
Harley, Marjorey
Harry, Irene Pearl
Hart, Arthur Philip Clarendon
Henderson, Walter
Heyne, Ida Marie
Heyne, Laura Olga Hedwig
Hill, Albert Charles
Hill, John Holroyd
Hogben, Janet Richmond
Holden, Edward Wheewall, B.Sc.
Howard, Arthur Ewing
Hurley, Leonard Joseph Bernard
Hutley, Walter Fritz Stephen
I'Anson, Arthur Kinsey
Ingleton, Helena Webster
Ireland, Norman Arthur
Jackman, Helen Druitt
Jackson, Lawrence Stanley
Jackson, Sarah Elizabeth
Jacob, Margaret
Jeffers, Catherine Cecilia Thornton
Jeffery, Frederick Sampson
Jenkin, Alfred John Roseland
Johnson, Edwin Ralph
Johnson, William Herbert
Jones, Louisa Lorrie
Ledger, Gladys May

LeLievre, Florrie May
Leslie, Colin
Lillywhite, Cuthbert, B.Sc.
Londrigan, John William
Love, James Robert Beattie
Lundberg, Carl Oscar
McAteer, Patrick Joseph
MacLaren, Peter Patrick
Martin, William Thomas
Mayo, George Elton
Mayo, Mary Penelope
Miethke, Adelaide Laetitia
Miller, Elsie May
Miller, Rachel Mary
Mills, Sydney Sylvanus
Molineaux, Eugene Gilbert
Moncrieff, Josephine Hartley
Moyle, John Ewart
Murphy, Oswald John
Mutton, Henry Edwin Howard
Nicholas, Edward David
Nietz, Herbert Walter
Oborn, Herbert Russell
O'Donoghue, Stephen Kevin
Page, Albert Edward
Paul, Clemens
Pavia, Dorothy Adele
Pavia, Roy Rowling
Payne, Louise Mary Gwythyr
Pentelow, Samuel Thomas Otho
Pitt, Arthur William
Pitt, George Henry
Potter, Roy Adolph
Potts, Gilbert MacDonald
Powell, Kathleen Naomi
Powell, Miriam Athalie
Price, Walter John
Prince, Erica Lloyd
Purton, David Gabriel
Proud, Millicent Farrer
Reimann, Valesca Leonora Olive
Richards, Juanita Amelia
Rigby, Edmund John
Rogers, Cecile Margaret
Rowe, Edgar Percival
Sanders, Constance Edith
Sanders, Grace Annie
Sanders, Harold William
Schache, Alma Olga Antonia
Sellers, Ada
Sharman, Florence May
Sickert, Helene Martha
Statton, Josiah William
Stephens, Ella Mary
Stephens, Eric Goyne
Stevens, Aubrey Clement
Stewart, Colin Gore
Symons, Ivor Gordon
Tassie, Jean Reid
Thomas, Frank Emerson
Thomas, Frank Williams
Timcke, Edward Waldemar
Topperwein, Jessie Jeanette
Tregenza, Albert Gray
Tuck, Bernard Edward Charles
Tuck, Constance Irene
Verco, Claude Maythorn
Walter, Hilda Blanche May
Ward, Harry Lancelot
Warren, Sidney Lilla
Wier, Isobel
Weller, Emma Elizabeth
Wellington, Gordon Stanley
Welsh, Daisy Elsie
Wemyss, Eleanor Evelyn Beatrice
Wilkinson, Herbert John
Willcock, Olive Amelia
Williams, Francis Edgar

M.A. DEGREE.

Allen, Edgar, B.A.
Bell, Arthur Hammond, B.A.
Cowell, Francis Henry, B.A.
Darwin, Lisle Julius, B.A.
Kuchel, Carl Wilhelm August, B.A.
McCarthy, Walter James, B.A., B.Sc.
Muirden, William, B.A.
Nairn, Alexander Livingstone, B.A.
Potts, Ethelwyn, B.A.
Proud, Emily Dorothea, B.A.
Rossiter, James Leonard, B.A.
Woolnough, Harold, B.A.
Worsnop, Elsie Madeline, B.A.

B.Sc. DEGREE.

Allen, John Howard
Basedow, Fritz Johannes
Baxter, Reginald Robert
Beevor, Beatric Ellen
Bennett, Norman Robertson
Brisbane, David William
Brose, Henry Leopold Adolph Hermann
Brown, Arthur Cubitt
Collins, Arnold William
Cooper, Wilfred Windham
Correll, Percy Edward
Dart, Ralph John
Davey, Esther Marion
Dawkins, Alfred Ernest
Davis, Ray
Dunstan, John Leonard
Funnell, Arthur Harold
Gardner, Rita Elizabeth Gavin
Gault, Estella Ruth
Glauert, Ludwig

Goode, Kenneth Burden
Grigson, Edward Charles
Harder, John Reedie
Hardy, Tom Mayfield
Haste, Reginald Arthur
Hines, Peter Joseph
Hylton, James Roy
Kahan, Raoul Robellaz
Kenihan, Raphael Leopold
Lee, Thomas Nelson
Long, William
McDonald, Cyril George Hugh
Madigan, Paul Edward
Marmion, Robert James
Noack, John Charles
Orr, George Edgar
Oldfield, Richard Gregory
Pender, Roy
Pollard, Frank Dowland
Plotz, Oscar Arnold
Potts, William Andrew
Reid, George Donald
Rossiter, James Leonard
Rolland, James Alexander
Sanders, Harold William
Shelton, William Ernest
Shepherd, Henry George
Shipway, Graham Stuart
Smith, Louis Laybourne
Snow, Wilfred Rippon
Southern, Harold Alfred
Stephens, Eric Goyne
Swift, Harry Houghton
Tilley, Cecil Edgar
Wardle, Geoffrey Norman
Webb, Walter Frederick Swanton
White, William John
Wibberley, Brian William
Willsmore, Hurtle Binks
Woods, Mina

MUS. BAC. DEGREE.

Bignell, Annie Muriel
Cheek, Muriel Elizabeth, A.M.U.A.
DeRose, Doris May
Dunn, John Millard
Goode, Muriel Gertrude
Griffiths, George Townsend
Jeffrey, Mary Winifred Magdalene
McBride, Dorothy Evelyn
Trevelyan, Cecil
Wibberley, Brian
Willsmore, Elsie Victoria

NON-GRADUATING STUDENTS—SESSION 1911.

FINAL CERTIFICATE IN LAW.

Rankin, Henry Oliver Arthur
Thornton, Walter Archibald
Tucker, Reginald Mervyn

ARTS AND SCIENCE.

Adamson, Russell Alphonso
Allen, Charles Harold
Allen, Eleanor Alice
Andrew, Horace Walpole
Archibald, John Arnold
Avery, Louis Willyama
Bakewell, Dorothy Grace
Baker, Dora
Barbour, Helen
Bartholomaeus, Archibald
Bevilaqua, Florence
Binks, Frederick Anthony
Berriman, Ralph Vaughan
Black, Geoffrey Howard
Blake, William Harvey
Bleechmore, Clive
Boor, Reginald Henry
Both, Howard
Bradley, Joseph Edward
Bridgland, George Reginald
Brooks, Walter Leslie
Broughton, Arthur Chester
Burns, Archibald Campbell
Cairns, Hugh William Bell
Campbell, Walter Victor
Charlesworth, George
Cherry, Henry Wilmington Spower
Clare, Dorothy Cotgrave
Clinton, Edgar
Cocks, Kate Boadicea
Coombe, Edward Ingerson
Cornelius, John Gerald
Cornish, Charles Bennett
Corry, Thomas Edison Spurgeon.
Corson, George
Cummins, Edith Alice
Dalwood, Trevett William
Day, Harry Chalklen
Davey, Constance Muriel
Davidson, Arthur Leonard
deLantour, Edgar Frederick
Denton, Eli
Denton, Esmond Knill
Drinkwater, Thomas William John
Duncan, Hugh Sinclair
Driscoll, Henry Richardson Holdsworth
Edwards, Norman Holehouse
Ellison, Thomas William
Fairweather, Winifred Mary

Fearon, Herbert Douglas
Finlayson, Hedley
Finnis, Harold Jack
Fisher, William Joseph
Fitzgerald, Richard Francis
Flett, Myrtle Isabel
Fowler, Lily Russell
Fowler, Russell Aubrey
Gale, Frederick Julius
Gerlach, Max Johann
Gent, Alfred Vincent
Gepp, Reginald Tolley
Gillen, John Beasley
Glover, Percy Douglas
Gryst, Austin Elmer
Gryst, Mervyn Fisher
Guenther, Rudolph John
Hamilton, Gerald Claude
Hastwell, Amy
Hendry, Charlotte Mildred
Higginbottom, Edwin Corbett
Hills, Annie Ridge
Hoile, Charles Valentine
Hornabrook, Harold Newton
Hotson, Kathleen
Hughes, Eric William
Hughes, Lauriston
Hughes, Wilfred John Mann
Humble, Dudley Samuel Walter
Ide, Frank Boyle
Jaunay, Gladys Hilda Puttick
Jeffreys, Jeffrey Graham
Jones, Cyril Arthur
Joseph, Paul Hamilton Morris
Jeffreys, John Alfred
Johnstone, Robert Alfred
Kelly, Alan Harcourt
Kelly, William Stanley
Kentish, Alice Martha
Kingsborough, Reginald Barton
Klicke, Carl Bernhard
Klose, John Emil Alfred
Ladd, Roy Leslie Joseph
Langsford, Wilfred Woseley
Laurie, Elwyn Ross
Lipsham, Edward Francis
Long, Sarah Frances
Lushey, Harold Merton
McCaffrey, Laurence Ambrose
McKail, Ronald George
McNamara, Kitty
Madigan, Gertrude Teresa
Mailer, Herbert Reginald
Mann, Gertrude Irene
Martin, William Harold
Martin, Frederick William
Mathews, Frank
Maughan, Frederick Milton
Mawby, Olga Gates
Mears, Arthur Cyril
Meathrel, Hubert Charles
Michaels, Aaron
Michelmore, Icel Edwin
Mitton, Victoria Alice
Moore, Brian Formby
Morey, Alan Wilson
Motteram, Philip
Moyes, Alban George
Moyes, John
Moyle, Sidney
Murphy, Dennis Daniel
Nancarrow, Henry
Nelson, Arthur Carl
Norton, John Charles Brazil
Pearson, Harrold Ford
Pengelley, Joseph John
Perry, Charles Julius
Pinches, Alfred Leslie
Poole, William Robert
Potts, Edward Alfred
Potts, Frederick Arnold
Potts, Roy Edred
Purton, David Gabriel
Reid, Kate Gilmore
Riddle, Arthur Raymond
Roach, John Stewart
Roberts, Hilda Latham
Roberts, Thomas Goolden
Robin, Beatrice Ruth
Rodgers, Thomas
Rose, Harry Ernest
Saunders, Maurice Edward
Savage, Clarence Golding
Schedlich, Alfred Carl
Schmitz, Maurice
Shetliff, George Thomas
Shipway, John Sutherland
Silby, Arthur Clive
Slattery, Richard Thomas
Smith, Archeline Mary Cathcart
Smith, Iris Eileen
Souter, Charles Clement Valentine
Stephens, William Roach
Stevenson, Robert John
Sutton, Richard
Swan, Charles Ernest Owen
Symons, William Robert
Taylor, Herbert Richard
Thomas, Amy
Tucker, William Lashbrooke
Upton, William Carrig Tuck
Wadham, Harry Esmond
Wakeham, Sophie Doris
Walker, Eric Cecil
Walton, John Edmund
Watson, George Hubert
Welsh, Frederick Andrew
Walker, Archibald Peter
Wilton, Richard Gladstones
Wishart, John Webster
Young, Ellen Aretas

STUDENTS PROCEEDING TO THE DIPLOMA IN COMMERCE.

Anthony, Guy Liddon
Baker, Westerfield Wallace
Bathgate, John Pender
Bayly, William Lawes
Berriman, Frank Palmer
Bleechmore, Horace Auburn
Bradley, Hubert Charles
Bridgman, Hugh Hossick Mackay
Bridgman (Jr.), William
Broadbent, Allan Edgar
Brown, Leonard Sawtell
Bungey, Ernest
Burnett, Charles Frederick
Calder, William Cormach
Carter, Howard Robert
Chapple, Herbert Horace
Chapman, Harold William
Chapman, Stanley Irwin
Charlton, Norman Neal
Crawford, Alexander
Creswell, John Thornton
Deegan, Frederick Alfred
Doudy, Colin George
Edwards, Guy Edric
Featherstone, Leslie Williams
French, David George
Gerney, Stanley Leo.
Gibbons, Leslie Graham
Gliddon, Bernard Lauri
Goode, Roger Britton
Gooden, Stanley Roy
Gurner, Leonard
Harley, Henry Risk
Harris, Russell Hope
Heath, Louis Alfred
Hendry, Campbell Alexander
Hocking, Vernon
Hodge, Randolph Gordon Clare
Hogben, Horace Cox
Howard, Normanby Holman
Howie, George Percival
Hummel, Herbert Whitsey
Hussey, Reginald Braund
Jackman, Osborne Alec.
Jones, Frank Longhurst
Kay, Geoffrey
Kimber, Arthur Glen
Laity, Henry Mackay
Lalor, William Daniel
Louden, James Norman
Mackie, Malcolm Charles Albert
McLean, Allan William
Malone, John Stephen
Martin, William Lyle
Miller, Gavin Robert
Milligan, Stanley Vincent
Morphett, Archie Harold
Morris, Herbert Lancelot
Moyes, Samuel Hugh
Needham, George Francis Jack
Neuenkirchen, Hermann Adolph Heinrich
Newlands, Andrew Stewart
Newman, Cecil Victor
Nield, Arthur Restarick
Nixon, Francis Horace
Othams, Edward Henry
Parr, Fred. Teneriffe Norman Alec
Parr, Harry Sidney
Paxton, Walter David Chalmers
Pearce, James Hartley
Pilgrim, Henry Auburn
Ponder, Gilbert Walter Graham
Porter, Christopher Charlton
Readshaw, Arthur Lewis
Richards, Fred Kither
Richardson, Osma Voy
Russack, Frederick William
Schramm, Fred
Searcy, Perroomba Rochester Basil
Smith, Leslie Samuel
Solly, Herbert Ambrose
Sorrell, Harry Randolph
Southwell, Harry Penson
Sowden, Stanley Godfrey
Steed, William Henry Nichols
Stratton, Frank Edgar
Tassie, Eric Harry
Torr, Kenneth Montrose
Turner, Percy
Tweeddale, Robert John
Walters, Francis Owen
Wastell, Nigel. Fletcher
Waterhouse, Frederick Edward
Wauchope, James George Neilson
Wheeler, Horace Roseby
Wildy, Frederick William
Williams, John Carter
Williamson, Roy Cleveland
Wilson, Reginald Rothwell
Wyles, Thomas Andrew
Wood, Robert Keith
Wyllie, Eric Thomas
Young, Graham Hosie
Yuill, James Anderson

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.
1878	Hon. J. H Angas ..	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. Angas ..	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.
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).
1890	St. Alban Lodge of Free and Accepted Masons	150	To found the St. Alban Scholarship.
1895	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 Studentships in Memory of John Anderson Hartley.
1900	Public Subscriptions ..	600 3 0	For general purposes.
	His Excellency Lord Tennyson	100	To provide Medals for English Literature in the Junior, Senior, and Higher Public Examinations.
1900	Trustees of Robert Whinham Fund	84 9 6	To provide for the Robert Whinham prize for Elocution in the Elder Conservatorium.

ENDOWMENTS—*continued.*

Date.	Donor.	Amount.	Object.
		£	
1902	Public Subscriptions ...	473 1 3	Endowment of Lectureship on Gynæcology 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	Miss Julia Stuckey ..	500 0 0	For the encouragement of the Study of Botany.
1907-9	Miss E. M. Bundey, Mus. Bac.	3 3 0	
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. Bundey, Mus. Bac.	200	In memory of Sir Henry and Lady Bundey. To provide an annual prize for English verse.
1913	Creswell Memorial Committee	1,300	To provide Scholarship in the Commercial Course, in memory of the late John Creswell.

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 ..	260 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	Chamber of Commerce	25 0 0	For the purposes of the Board of Commercial Studies
1905	" "	25 0 0	Ditto
1906	" "	25 0 0	Ditto
1903	John Shiels, Esq. ...	3 3 0	Ditto
1905-13	Pharmaceutical Society of South Australia ..	66 3 0	General purposes
1911	Anonymous Donor ..	500 0 0	For the Lowrie Scholarship in Agriculture
1913	G. Brookman, Esq.	20 0 0 p. a.	For a Scholarship in the Elder Conservatorium.

STATUTES.

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

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

2. The Vice-Chancellor shall hold office until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor.

Allowed 4th April, 1912.

Chapter II.—Of the Council.

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

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

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

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

Chapter III.—Of the Senate.

1. The Senate shall meet at the University on the fourth Wednesday in the 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, who shall also give instruction in Physics.

d. The Elder Professor of Natural Science.

e. The Elder Professor of Anatomy, who shall also give instruction in Comparative Anatomy, shall be the Director of the Anatomical Museum, and shall prepare specimens of Anatomy, Pathology, and Microscopic Anatomy for the same.

f. The Angas Professor of Chemistry, who shall be the Director of the Chemical Laboratory, shall conduct classes in Practical Analysis, and shall, if required, give special instruction in the various methods employed in the detection of poisons and in the adulteration of foods and drugs. Nothing contained in these Statutes shall prevent the Angas Professor of Chemistry from accepting any public appointment, with the sanction of the Council.

**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.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

* *Allowed January* 26, 1898.
† *Allowed June* 11, 1890.
‡ *Allowed April* 11, 1900.
§ *Allowed April* 10, 1907.

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.

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

† *Allowed* 18*th September*, 1900.

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.*

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."

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

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 absentiâ* 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.

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, and Music.

*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 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*) 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.

(*d*) 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 bepresent.

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

* *Allowed 7th December, 1904.*

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

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

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

Chapter XI.—Of the Board of Musical Studies.

*1. There shall be a Board of Musical Studies, consisting of the Chancellor and Vice-Chancellor, three members of the Council to be annually appointed by the Council, and the Director of the Elder Conservatorium. The Council may at any time appoint any other persons to be, temporarily or otherwise, members of the Board.

2. The Board shall advise the Council upon all questions touching the administrative business, the studies, lectures, and examinations in Music in the Elder Conservatorium, and upon all other subjects on which the Council shall request their advice.

3. The Board shall annually elect a Chairman.

4. The Chairman shall perform such duties as shall from time to time be prescribed by the Board and approved 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 its administrative business.

5. When the Chairman is absent from a meeting, the Board shall elect one of their number to preside.

6. The Council shall, when necessary, appoint a sufficient number of Examiners, who, together with the Director and Teachers of the Elder Conservatorium, shall constitute the Board of Examiners.

* *Allowed April 24, 1907.*
Allowed 7th December, 1904.

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 complaint 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."

Chapter XIII. of the Statutes of the "Angas Engineering Scholarship" and the "Angas Engineering Exhibitions," allowed 3rd December, 1902, 13th January, 1909, 19th January, 1910, and 14th November, 1912, is hereby repealed and the following substituted therefor :—

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/.

The Examiners shall record in writing the name of each candidate (if any) who satisfied them that he was worthy to receive the Exhibition; the marks assigned to him; and the name of the candidate to whom they recommend that it shall be awarded. The record shall be signed by the Examiners and kept by the Registrar.

XIII. Each candidate must be not more than nineteen years of age on the 1st 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.

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, 1915.

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 six months 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 a year from the award, present to the Council a thesis on that topic. The Council may under special circumstances grant an extension, not exceeding six months, of the period allowed. 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 be entitled to the title of "John Howard Clark Scholar." If the 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 XVI.—Of the Commercial Travellers' Association Scholarship.

Whereas a sum of One Hundred and Fifty Pounds has been paid to the University by the Commercial Travellers' Association (Incorporated) for the purpose of founding a Scholarship, it is hereby provided that

1. The said Scholarship shall be awarded by the said University to any matriculated student thereof, who being a son or daughter of a member of the said Association shall be nominated by the Committee of Management of the said Association, and such student so nominated shall hold such scholarship for one or more consecutive years, as the Committee of Management of the said Association shall from time to time declare; and it shall be lawful for the Committee of Management of the said Association from time to time, at the end of any academical year, to substitute another student for the holder of the said Scholarship for the time being, and such substitute shall thereupon have all the advantages connected with the holding of such Scholarship.

2. The holder of the said Scholarship shall have the following advantages, that is to say: he shall be exempt from payment of all University fees during such time as he shall hold the Scholarship up to and including the fees payable on taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music; but in case any student shall cease to hold the Scholarship, such student shall not be exempt from payment of such fees after the time at which he shall cease to hold such Scholarship. And any holder of such Scholarship taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music while holding such Scholarship shall be entitled to have the fee paid by him on matriculation or on entering for the Senior Public Examination returned to him.

3. Every such scholar shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the said University.

4. Save by permission of the Council of the said University, no such scholar shall be entitled to exemption from University fees during more than nine consecutive Academic Terms, computed from the day next preceding the commencement of the Academic year in which, or in the vacation preceding which, he or she becomes a scholar.

*5. Whenever there shall not be a Scholar, the said Committee may in any Academical year nominate some student (being a son or daughter of a member, or deceased member, of the said Association) in the Faculties of Arts or Science or a Student of Music (including any student in the Elder Conservatorium), and such student shall be entitled to exemption from fees payable during that year to an amount not exceeding £10.

*6. The third Clause of the Statute relating to the Commercial Travellers' Association shall apply to all such students.

* *Allowed 27th December*, 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 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.

Allowed the 18th December, 1886.

Chapter XX.—Of the Roby Fletcher Prize.

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

The Roby Fletcher prize shall be £10, and shall be awarded to the Student who passes the best examinations in Psychology and Logic for the Degree of Bachelor of Arts, provided he is of sufficient merit.

Allowed 27th December, 1899.

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

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

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, 1898.
Allowed 15th December, 1896.

Chapter XXII.—Of the Hartley Studentship.

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

*1. There shall be a Studentship, to be called the "Hartley Studentship," of the value of £25, open for competition every year to students intending to enter upon the course for the B.A., B.Sc., B.E., L.L.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 in November or December, provided that in the opinion of the examiners he is of sufficient merit.

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

* Allowed 24th December, 1913.

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 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 not less than ten days before the day appointed for the meeting by the Registrar by a circular, specifying the place and time of meeting, and sent by post to the last known address in South Australia of, or delivered to, all members of the University who are resident in the Province.

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."

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 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.

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

**Allowed* 12*th August*, 1903.
Allowed 27*th 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 11*th 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 five years of his entering upon the course; 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 12, 1907.

† *Allowed April 1, 1908.*

Allowed 12th August, 1903.

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

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

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 Œnology,

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.

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 September in the year following the award, and the second payment at the end of September in the next year, provided his thesis is judged to be satisfactory.

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 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.

Allowed 24th August, 1910

Chapter XXXIII.—The Lowrie Scholarships.

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

1. The University shall give in succession seven Scholarships, each of £75 and tenable for one year. Each of these shall be called a Lowrie Scholarship.

2. Candidates for a Scholarship must have qualified for the B.Sc. degree in either—

(a) The special course in Agriculture for that degree;

(b) The course for the Honours degree in Chemistry;

Or, *(c)* The course for the Ordinary degree in either Chemistry and Physics, or Chemistry and Physiology.

Provided that a candidate who is qualified under *(b)* or *(c)* must also have attended regularly a course in Botany to be approved by the Council, and the course in Bacteriology required for the third year in Medicine.

3. A Scholarship shall be awarded in December of each year, 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 December 1st. 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.

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

6. The Scholar shall, in or before the month of March next after the award, suggest some branch of Agriculture as a subject for original research to be undertaken by him. This, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the Scholar shall thereupon diligently devote himself to research in it. He shall present a report of his work to the Council not later than the 15th of November following, or such later date as the Council may allow.

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 third payments referred to in the next section hereof

8. The sum of Seventy-five pounds shall be paid to the Scholar in three sums of twenty-five pounds each, payable thus:—The first upon his appointment, the second on the 1st June following, and the third on the 1st December following: provided as to the second and third 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 November 23, 1911.

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.

Allowed 9th January, 1913.

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

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

A Prize of the value of ten pounds, called the "Bundey Prize for English Verse," shall be awarded in April of each year to the person who, in the opinion of the professors in letters and philosophy, shall have written the best poem 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 Examination of the University,

(*b*) are under the age of nineteen years on the first day of December in the year previous to that in which the award is made,

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

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

(*a*) have passed the 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 December in the year previous to that 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 not being awarded before the first day of March in any year, such Scholarship shall be available for award by the Council to any student satisfying the above conditions of eligibility.

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 24th December, 1913.

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 pass the Senior Public Examination in Greek, Latin, Arithmetic and Algebra, and Geometry, or satisfy the Faculty of Arts of his fitness to enter upon the course of study which he proposes to take for the degree. But the candidate shall pass in the above-mentioned subjects at the Senior Public Examination at some time before taking his degree.

*(*c*). Shall after matriculating spend three academic years at least in his course of study at the University, but a candidate who has not passed in all the above, mentioned subjects may, as a condition of matriculation be required to spend four years in his course of study.

†III. Candidates for the Ordinary Degree shall attend lectures and pass examinations in six of the following subjects, of which not less than four shall be taken from subjects 1 to 9, and one of them must be selected from subjects 1 to 4:—

1. *Greek.* (1)
2. *Latin.* (2)
3. *French.* (9)
4. *German.* (10)
5. *English Language and Literature.* (8)
6. *History of the United Kingdom.* (12)
7. *Modern European History.* (13)
8. *Economics.* (20)
9. *Mental and Moral Science:*

NOTE.—The numbers in brackets throughout these regulations refer to those in the Syllabus of Subjects.

* *Allowed December* 7, 1911.

† *Allowed 9th January*, 1913

(A) Psychology (21), (B) Logic (22), (C) Ethics (23), (D) Philosophy (24), (E) Education (26) Psychology and one other of these branch subjects are reckoned together as one subject qualifying for the degree; Psychology and three others as two subjects

10. *Jurisprudence* (115 and 117):

(A) Constitutional Law and (B) Theory of Law and Legislation.

11. *Pure Mathematics.* (30, 31)
12. *Applied Mathematics.* (33)
13. *Spherical Trigonometry and Astronomy.* (36A)
14. *Natural Science:*

(A) First Year Physics (37), (B) Second Year Physics (38), (C) Inorganic Chemistry (45), (D) Organic Chemistry Theoretical and Practical (51 and 53), (E) Geology and Mineralogy Part I. (55), (F) Elementary Biology (66), (G) Physiology (66 and 67), (H) Botany (62), (J) First Year Pure Mathematics (30). Any two of these branch subjects are reckoned together as one subject qualifying for the degree, and four as two subjects qualifying for the degree. Candidates are not allowed unrestricted choice of these branch subjects, but must submit their selection to the Dean of the Faculty of Arts for approval. No candidate who is taking Pure Mathematics as one of his subjects will be allowed to include First Year Pure Mathematics as a branch subject.

*IV. Candidates for the Honours Degree shall attend lectures regularly, and pass examinations in one of the following Departments, but they may take Honours in more than one Department:—

A. *Classics* (3)
B. *History.* (14, 15, 16, 17)
C. *Philosophy.* (25)
D. *Mathematics.* (34)

and must in addition pass in the following subjects as prescribed for the Ordinary Degree:

Candidates in Classics shall pass in Greek and Latin before, or in the same year as, they sit for the Honours Examination; and they shall also pass in one other full subject:

* *Allowed 4th April*, 1912.

Candidates in History shall pass in History of the United Kingdom and in Modern European History, before, or in the same year as, they sit for the Honours Examination, and shall also pass in Economics and in one foreign language, ancient or modern :

Candidates in Philosophy shall pass in Psychology, Logic, Ethics, and Philosophy, before, or in the same year as, they sit for the Honours Examination, and they shall also pass in Economics and in one foreign language, ancient or modern :

Candidates in Mathematics shall pass in Pure Mathematics, Applied Mathematics, and Physics, before, or in the same year as, they sit for the Honours Examination, and they shall also pass in English Language and Literature, or in one foreign language, ancient or modern.

The names of candidates who pass the Examinations for the Honours Degree shall be arranged alphabetically in three classes.

*V. 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 one subject shall only be allowed 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.

VI. Schedules defining the range of study for lectures, laboratory work, and examinations, shall be drawn up by the Faculty of Arts, subject to the approval of the Council, and shall be published as early as possible in each year.

VII. All examinations referred to in the foregoing regulations shall take place in November of each year. Candidates shall enter their names a month before the day fixed for examination, and shall 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.

VIII. Candidates who have passed examinations *pari materiâ* in other Faculties or otherwise, and desire that the examinations

* *Allowed August* 24, 1910.

they have passed 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.

*IX. Bachelors of Science may obtain the Honours Degree of Bachelor of Arts in Mathematics, provided they also pass in one foreign language as prescribed for the ordinary degree in Arts, but 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.

X. 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 Arts of this University, may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.

†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 :—

	Entire course.	Examination
A. Ordinary Degree of B.A. :		
Greek, Latin, French, German, English Language and Literature. History of the United Kingdom, Modern European History, Economics, Pure Mathematics, Applied Mathematics, Astronomy, each...	4 4 0	2 2 0
Psychology, Logic, Ethics, Philosophy, Education, each	2 2 0	1 1 0
Physics, Chemistry, each ... { Lectures ...	4 4 0	2 2 0
... { Laboratory work	6 6 0	
Geology, parts I. and II. (including examination)	14 14 0	
{ Elementary Biology	5 5 0	1 1 0
{ Physiology	8 8 0	1 1 0
Jurisprudence	4 14 6	1 1 0

B. Honours Degree of B.A.—

1. For lectures in each Department—£10 10s. per annum.
2. For the examination in each Department—£3 3s.

Candidates shall also pay the examination fees prescribed above for subjects of the course for the Ordinary degree in which they are required to pass.

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

* *Allowed January* 13, 1909.
† *Allowed December* 12, 1907.
‡ *Allowed December* 7, 1911.

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.

Candidates who fail in any examination are not exempted from payment of fees on entering again for examination in the same subject.

Candidates may attend a course of lectures a second time on payment of half fees, but full fees shall be required for Laboratory work.

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 1905 shall not be compelled to select one of their subjects from 1 to 4 unless they fail to fulfil all the conditions required for the degree before the end of the year 1908, nor shall the exemption be allowed to any graduate in Science proceeding to the degree of Bachelor of Arts.

*XIII. Notwithstanding the foregoing Regulations III., IX., and XII., Bachelors of Science who were in the year 1909 or 1910 proceeding to the Honours Degree of Bachelor of Arts in Mathematics, and who in either of those years passed the prescribed examination for it in Mathematics, are deemed to have been entitled to obtain it without also passing or having passed in one foreign language as prescribed in Regulations III. and IX. for the Ordinary Degree, and without having, as provided in Regulation XII., selected as one of their subjects to be passed in at an examination, one of the subjects from 1 to 4 mentioned in it.

* *Allowed April* 5, 1911
Allowed August 2, 1905.

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.

* *Allowed 7th December*, 1911.

II. No candidate shall be admitted to the Degree of Master of Arts until after the expiration of two academical 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. Candidates for the Ordinary Degree shall attend lectures and pass examinations in three of the following subjects, other than those in which they have already passed in order to qualify for the Degree of Bachelor of Arts, or for any other degree:—

1. *Greek.* (1)
2. *Latin.* (2)
3. *French.* (9)
4. *German.* (10)
5. *English Language and Literature.* (8)
6. *History of the United Kingdom.* (12)
7. *Modern European History.* (13)
8. *Economics.* (20)
9. *Mental and Moral Science:*

   (A) Psychology (21), (B) Logic (22), (C) Ethics (23), (D) Philosophy (24), (E) Education (26). Psychology and one other of these branch subjects are reckoned together as one subject qualifying for the degree; Psychology and three others as two subjects.

10. *Jurisprudence* (115 and 117):

    (A) Constitutional Law and (B) Theory of Law and Legislation.

11. *Pure Mathematics.* (30 and 31)
12. *Applied Mathematics.* (33)
13. *Spherical Trigonometry and Astronomy.* (36A)
14. *Natural Science:*

    (A) First Year Physics (37), (B) Second Year Physics (38), (C) Inorganic Chemistry (45), (D) Organic Chemistry, Theoretical and Practical (51 and 53), (E) Geology and Mineralogy Part I. (55), (F) Elementary Biology (66), (G) Physiology (67). (H) Botany (62), (J) First Year Pure Mathematics (30) Any two of these branch subjects are reckoned

† *Allowed 9th January*, 1913.

together as one subject qualifying for the degree, and four as two subjects qualifying for the degree. Candidates are not allowed unrestricted choice of these branch subjects, but must submit their selection to the Dean of the Faculty of Arts for approval. No candidate who is taking Pure Mathematics as one of his subjects will be allowed to include First Year Pure Mathematics as a branch subject.

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 Master's degree, viz.,

A. *Classics,* (4)
B. *History,* (14, 15, 16, 17)
C. *Philosophy,* (25)
D. *Mathematics,* (34)

and must further satisfy the following requirements:

A. A Candidate in Classics shall satisfy the professor that he has been engaged in a course of classical study for at least two years after taking the degree of Bachelor of Arts, and shall pass an examination in classics. He may also submit an original piece of work, the subject to be chosen in consultation with the professor.

B. A candidate in History shall prepare a thesis, and present himself for examination in General European History and a special period. At least two years before he presents himself for examination he shall consult with the professor concerning the choice of a period and the subject of his thesis. The thesis shall be sent to the Registrar not later than the thirtieth day of September in the year in which he presents himself for examination.

C. A candidate in Philosophy shall pass an examination in Metaphysics and the History of Philosophy, and shall present an original thesis on a topic of Psychology, Logic, Ethics, or Metaphysics. The subject and the probable length of the thesis must be intimated to the Professor and approved of by him one year at least before the candidate presents himself for examination. The thesis shall be sent to the Registrar not later than the thirtieth day of September in the year in which he presents himself for examination.

D. A candidate in Mathematics shall pass an examination in Mathematics.

*V. 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 one subject shall only be allowed 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.

VI. Schedules defining the range of study for lectures, laboratory work, and examinations, shall be drawn up by the Faculty of Arts, subject to the approval of the Council, and shall be published as early as possible in each year.

VII. All examinations referred to in the foregoing regulations shall take place in November of each year. Candidates shall enter their names a month before the day fixed for examination, and shall 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.

VIII. 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 on conditions prescribed by the Council.

†IX. The undermentioned fees shall be paid in advance:—

For the Ordinary Degree—	Entire course.	Examination
Greek, Latin, French, German, English Language and Literature, History of the United Kingdom, Modern European History, Economics, Pure Mathematics, Applied Mathematics, Astronomy, each	4 4 0	2 2 0
Psychology, Logic, Ethics, Philosophy, Education, each	2 2 0	1 1 0
Physics, Chemistry, each ... { Lectures ...	4 4 0	2 2 0
{ Laboratory work	6 6 0	
Geology, parts I. and II. (including examination)	14 14 0	
{ Elementary Biology	5 5 0	1 1 0
{ Physiology	8 8 0	1 1 0
Jurisprudence	4 14 6	1 1 0

* *Allowed 24th August*, 1910.

† *Allowed December* 12 1907.

For the Honours Degree :—

Fee for Examinations, Thesis, or both	10	10	0
*For the Ordinary or Honours Degree of Master of Arts	5	5	0

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.

Candidates who fail in any examination are not exempted from payment of fees on entering again for examination in the same subject.

Candidates may attend a course of lectures a second time on payment of half fees, but full fees shall be required for Laboratory work.

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.

X. 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 1904 may take the Ordinary Degree of Master of Arts under the Regulations and Schedules as set out in the Calendar for 1904. But they must select Greek, Latin, French, or German, as one of their subjects, if they have not already passed in one of them for the Bachelor's Degree.

* *Allowed December* 7, 1911.
Allowed 2nd August, 1905.

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, including in such examination the subjects of Arithmetic and Algebra, and Geometry.

* *Allowed 7th December*, 1911.
† *Allowed 3rd April*, 1913.

(*c*). Before or after matriculating, pass in two of the following languages in the Senior Public Examination: Latin, Greek, French, German, provided that one of the two shall be French or German.

(*d*). 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.

(*e*) Unless exempted under Regulation III., attend regularly courses of lectures and pass examinations in Mathematics, Physics, Chemistry, Physiography, and Elementary Biology or Elementary Botany, within a range of study to be annually defined in the Schedules hereinafter mentioned. These shall be called the compulsory subjects for the Degree.

(*f*) 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 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 have distinguished themselves in any of the following subjects, viz :— Physics, Inorganic Chemistry, Biology. Botany, or Mathematics (to include both Algebra and Trigonometry and Geometry and Trigonometry), shall be exempted from lectures, practical work, and examination in the corresponding Compulsory Subjects for the degree of Bachelor of Science.

* *Allowed 3rd April, 1913.*

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

*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 and 33), and one of the following (32, 36, and 36A)
2. *Physics.* 38 and 39.
3. *Chemistry.* 46, 47, 48, and 49.
4. *Physiology.* 66 and 68.
5. *Geology and Mineralogy.* 55 and 56.
6. *Botany.* 62 and 63.

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.
3. *Botany.* 62, 65A, and 65B.
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 on 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.* 71A.
2. *Geology.* 71B.
3. *Forest Botany.* 62 and 65C.
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.

* *Allowed 3rd April, 1913*

*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, 2, and 3 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.*
2. *Physics.*
3. *Chemistry.*
4. *Physiology and Physiological Chemistry.*
5. *Geology and Palaeontology.*
6. *Mineralogical Geology.*
7. *Botany.*

Before beginning an Honours Course in any Department, candidates shall do 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 in November, 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, earlier than November.

In any case, candidates must enter their names at least a calendar month before the day of examination, and must 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.

* *Allowed 3rd April,* 1913.

† *Allowed 24th December,* 1913.

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's course in Pure Mathematics or in Spherical Trigonometry and Astronomy.

IX. Students who have passed examinations *in pari materiâ* in other Faculties or otherwise and desire that the examinations they have passed 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. Students from other Universities or Technical Schools who may desire that the instruction they have received and the examinations they have passed be counted *pro tanto* for the degree of Bachelor of Science of this University may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.

* *Allowed 24th December*, 1913.

† *Allowed April* 3, 1903.

XI. 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.

*XII. 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 Compulsory Subjects :—

	Entire Course.
Mathematics	£3 3 0
Physics { Lectures	2 2 0
Physics { Laboratory Work	3 3 0
Chemistry { Lectures	2 2 0
Chemistry { Laboratory Work	4 4 0
Elementary Biology	6 6 0
Do. (*vide* clauses 3 and 4 of Regulation II.)	3 3 0
Physiography	1 1 0
Elementary Botany { Lectures	2 2 0
Elementary Botany { Laboratory work	4 4 0

B. Ordinary Degree of B.Sc. :—

Mathematics	13 13 0
Physics { Lectures	9 9 0
Physics { Laboratory Work	18 18 0
Chemistry { Lectures	9 9 0
Chemistry { Laboratory Work	18 18 0
Physiology— { Lectures	6 6 0
Part I. { Laboratory Work	12 12 0
Part II.—Laboratory Work	9 9 0
Geology and Mineralogy—Lectures and Laboratory Work	21 0 0
Botany { Lectures	9 9 0
Botany { Laboratory Work	18 18 0

The fees for Mathematics, Physics, Chemistry, Physiology, and Botany do not include the fees for the compulsory parts of those subjects.

C. Special Course in Agriculture under Regulation IVb :—

	Entire course.
Chemistry { Lectures	£6 6 0
Chemistry { Laboratory Work	18 18 0
Geology	8 8 0
Botany	10 10 0
Subjects taken at the Roseworthy Agricultural College.	{ For fees, see Schedules.

The fee for Chemistry does not include the fee for the compulsory part of that subject. The fee for Agriculture includes

* *Allowed 3rd April*, 1913.

Board and Lodging at the Agricultural College during the days the student is attending the Lectures there.

D. SPECIAL COURSE IN FORESTRY UNDER REGULATION IVc:

	Entire Course.
Chemistry { Physical	1 8 0
Chemistry { Organic	6 6 0
Geology	2 2 0
Forest Botany	2 2 0
Forest Entomology	3 3 0
Surveying and Drawing	2 2 0
Forestry (two years' course)	15 15 0

E. 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 and Palæontology	18 18 0
Mineralogical Geology	18 18 0
Botany	18 18 0

F. Fee for the Ordinary or Honours Degree of Bachelor of Science £3 3 0

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	3	3	0
For any subject of the Honours Degree ...	5	5	0

XIII. 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 27th December, 1899.

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."

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

MICROSCOPES.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be hired for use in the Laboratory only, at a fee of one guinea a year, but each student is strongly advised to purchase his own instrument.

V. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.

VI. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

VII. All preparations made from materials supplied by the University shall be its property.

VIII. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

IX. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, 13th December, 1912.

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 standing 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 materiâ* 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

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 :—

A. *Mining.*
B. *Metallurgy.*
C. *Electrical Engineering.*
D. *Mechanical 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. Such Schedules shall be laid before the Senate at the next meeting after they have been approved.

* *Allowed 7th December 1905.*

*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.

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.

* *Allowed 7th December*, 1911.

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 1914.

Abbreviations.—In the column headed "Hours per week" a single figure such as 2, means 2 hours per week throughout the year. A figure with a suffix such as 2_2 means two hours per week for two terms.

U—University; S.M.—School of Mines; S.A.—School of Art.

NOTE.—A 20 per cent. reduction in fees is to be allowed to students taking any one of these courses in full, the reduction to be made in such manner as the two Councils shall approve.

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.	Lecturer.	Place of Lecture.	Fee. £ s. d.
45	Chemistry I., Lectures ...	2	Prof. Rennie ...	U.	2 2 0
45	Chemistry I., Practical ...	6	Prof. Rennie and Dr. Cooke .. *Or.* Mr. Reid and Mr. Laughton	U. or S.M.	4 4 0
81	Drawing I.	4	Mr. Gill	S.A	2 0 0 net
86	Fitting and Turning I. ...	6	Mr. Walters ...	S.M.	2 2 0
30	Mathematics I., First Year ...	3	Mr. Gartrell ... Mr. Dalby ...	U. or S.M.	3 3 0
93	Mechanical Engineering I.	2	Mr. Wood ...	S.M.	1 10 0
37	Physics I., Lect. and Pract.	4	Prof. Kerr Grant ..	U.	5 5 0

SECOND YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
33	Applied Mathematics ...	3	Professor Chapman	U.	5 5 0
75	Assaying I.	6	Mr. Reid and Mr. Laughton ..	S.M.	4 10 0
82	Drawing II.	4	Mr. Gurr	S.M.	1 10 0
55A	Geology (Physiography) ...	1	Mr. Howchin ...	U.	1 1 0
31	Mathematics I., Second Year	2	Mr. Gartrell ...	U.	3 3 0
38	Physics II., Lect and Pract.	9	Prof. Kerr Grant...	U.	12 12 0

THIRD YEAR.

36	Applied Mechanics III. ...	4	Prof. Chapman ...	U.	4 4 0
83	Drawing III.	4	Mr. Gurr	S.M.	2 2 0
55B, C, D	Geology	4_2	Mr. Howchin ...	U.	3 3 0
55E, F	Mineralogy and Petrology	2	Dr. 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 and Levelling	$\{6_1, 4_2\}$	Mr. Wood	S.M.	2 2 0

FOURTH YEAR.

77	Assaying II. (Mining) ...	8	Mr. Reid	S.M.	5 5 0
85A	Electrical Engineering ..	2	Mr. Clark	U.	3 3 0
89	Hydraulics	2	Mr Gartrell ...	U.	1 1 0
90	Machine Design I.	2	Mr. Chittleborough	S.M.	1 10 0
94	Mechanical Engineering II. (Lectures only)	2	Mr Wood	S.M.	2 5 0
102	Mining IIA.	5	Mr. Gartrell ..	U.	4 14 6
61	Mining Geology	1_1	Mr. Howchin ...	U.	1 1 0
97	Metallurgy I. (Lectures only)	2	Mr. Reid	S M.	1 10 0
103	Mining IIB.	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.	4 4 0
48	Chemistry II., Practical ..	10	Prof. Rennie and Dr. Cooke . *Or*, Mr. Reid and Mr. Laughton	U. S M.	6 6 0
97	Metallurgy I., Lectures ...	2	Mr. Reid	S.M.	1 10 0
55 E,F	Mineralogy and Petrology	4_2	Dr. Mawson ...	U.	4 4 0
38	Physics II., Lect. and Pract.	9	Prof. Kerr Grant...	U.	12 12 0

THIRD YEAR.

Subject No. in Syllabus.	Subject	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £	s.	d.
33	Applied Mathematics ...	3	Prof. Chapman ...	U.	5	5	0
76	Assaying II.	20	Mr. Reid	S.M.	9	9	0
80	Building Construction ...	1½	Mr Smith ...	S.M.	0	10	0
82	Drawing II.	4	Mr. Gurr	S.M.	1	10	0
55A	Geology (Physiography) ...	1	Mr. Howchin ...	U.	1	1	0
99	Metallurgy II.	3	Mr Reid	S.M.	4	4	0
103	Mining IB.	1	Mr. Gartrell ...	S.M.	1	10	0

FOURTH YEAR.

36	Applied Mechanics III. ..	4	Prof. Chapman ...	U.	4	4	0
79	Assaying III....	16	Mr. Reid	S.M.	9	9	0
90	Machine Design I.	2	Mr. Chittleborough	S.M.	1	10	0
98	Metallurgy (Practical) ...	3	Mr. Reid	S.M.	1	10	0
100	Metallurgy III. (Lectures)...	1	Mr. Reid	S.M.	3	0	0
101	Mining I.	2	Mr. Gartrell ...	S.M.	3	0	0
103	Mining IIB.	1	Mr. Gartrell ...	S.M.	1	11	6

ELECTRICAL ENGINEERING.

COURSE A.

FIRST YEAR.

Same as for Mining

SECOND YEAR.

33	Applied Mathematics ...	3	Prof. Chapman ...	U.	5	5	0
82	Drawing II.	4	Mr. Gurr	S.M.	1	10	0
87	Fitting and Turning II. ...	3	Mr. Walters ...	S.M.	2	5	0
31	Mathematics I., Second Year	2	Mr. Gartrell ...	U.	3	3	0
94	Mechan'l Engin'r'g II. Lect.	2	Mr. Wood ...	S.M.	2	5	0
	" " Practical	3½			2	2	0
38	Physics II., Lectures	9½	Prof. Kerr Grant...	U.	10	10	0
	and Practical	6½					
106	Surveying and Levelling ..	6½	Mr. Wood	S.M.	1	0	0

THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee £	s.	d.
73	Applied Mechanics II. ...	2½	Mr. Wood	S.M.	1	0	0
36	Applied Mechanics III. ...	4	Prof. Chapman ...	U.	4	4	0
85A	Electrical Engineering I. ...	2	Mr. Clark	U.	3	3	0
90	Machine Design I.	2	Mr. Chittleborough	S.M.	1	10	0
95	Mechanical Engineering III.	2	Mr. Wood	S.M.	3	0	0
40	Physics III., Lect. and Pract.	11½	Prof. Kerr Grant ...	U.	10	10	0
105	Railway Engineering ...	1	Prof. Chapman ...	U.	2	2	0

FOURTH YEAR.

85	Electrical Engineering II. ...	18	Mr. Clark	U.	17	17	0
89	Hydraulics	2½	Prof. Chapman ...	U.	1	1	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 ...	3	Prof. Chapman ..	U.	5	5	
46 48	Chemistry II., Lectures ... Chemistry II., Practical	2 10	Prof. Rennie and Dr. Cooke *or*, Mr. Reid and Mr. Laughton	U. and S.M.	10	10	0
31	Mathematics I. (Second Year)	2	Mr. Gartrell ...	U.	3	3	0
38	Physics II.	9	Prof. Kerr Grant...	U.	12	12	0
106	Surveying and Levelling .	6½	Mr. Wood	S.M.	1	0	0

THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £	s.	d.
36	Applied Mechanics III ...	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. Gurr	S.M.	1	10	0
85A	Electrical Engineering I. ...	2	Mr. Clark	U.	3	3	0
40	Physics III., Lect. and Pract.	11_2	Prof. Kerr Grant...	U.	10	10	0

FOURTH YEAR.

73	Applied Mechanics II. ...	2_2	Mr. Wood	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
89	Hydraulics	2_1	Prof Chapman ...	U.	1	1	0
90	Machine Design I.	2	Mr. Chittleborough	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. Tilley ...	S.M.	2	2	0

SECOND YEAR.

33	Applied Mathematics ...	3	Prof. Chapman ...	U.	5	5	0
82	Drawing II.	4	Mr. Gurr	S.M.	1	10	0
90	Machine Design I.	2	Mr. Chittleborough	S.M.	1	10	0
31	Mathematics I., Second Year	2	Mr. Gartrell ...	U.	3	3	0
104	Pattern Making	4	Mr. Tilley ...	S.M.	2	2	0
8	Physics II., Lect. and Pract.	$\left\{\begin{matrix}9_1\\6_2\end{matrix}\right\}$	Prof. Kerr Grant ...	U.	10	10	0
73	Applied Mechanics II. ...	2_2	Mr. Wood	S.M.	1	0	0

THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d
36	Applied Mechanics III.	4	Prof. Chapman	U.	4 4 0
87	Fitting and Turning II.	4	Mr. Walters	S.M.	2 5 0
89	Hydraulics	2½	Mr. Gartrell	U.	1 1 0
92	Machine Design II.	6	Mr. Wood	S.M.	4 7 0
94	Mechanical Engineering II. / " " Practical	2 / 3½	Mr. Wood	S.M.	2 5 0 / 2 2 0
95	Mechanical Engineering III.	2	Mr. Wood	S.M.	3 0 0

FOURTH YEAR.

85A	Electrical Engineering I.	2	Mr. Clark	U.	3 3 0
88	Fitting and Turning III.	4	Mr. Walters	S.M.	2 5 0
92	Machine Design III.	8	Mr. Wood	S.M.	4 10 0
96	Mechanical Engineering IV.	2	Mr. Wood	S.M.	4 10 0
105	Railway Engineering	1	Prof. Chapman	U.	2 2 0
106	Surveying and Levelling	6½	Mr. Wood	S.M.	1 0 0

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 materiâ* 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.

* *Allowed 10th December 1900*

†*Allowed 3rd January, 1907.*

†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.

*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.

† *Allowed 12th August*, 1903.

‡ *Allowed 9th January*, 1910.

* *Allowed 3rd January*, 1907.

*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.

*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

* *Allowed 19th January*, 1910.

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

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 articled 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 articled 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 asssistant 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

Allowed 12th December, 1907.

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 at least five subjects at one and the same examination; and if the subjects passed have not included :

(1). English Literature

(2). Latin.

(3). Arithmetic and Algebra.

(4). Geometry ; and

(5). One of the following :—(*a*) Greek, (*b*) French (*c*) German.

he must also have passed some prior or subsequent Senior Public Examination in such of those five subjects as were not so included,

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 will be £1 for each subject.

III. On entering the Medical Course the student must send his name to the Registrar of the University for registration as a Medical Student by the General Medical Council in London.

IV. To obtain the degrees of Bachelor of Medicine and Bachelor of Surgery the student must complete five academic years

NOTE.—*If the student desires to comply with the requirements of the General Medical Council in London, all the subjects under Regulation II. (A) must be passed at one and the same examination.*

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 materiâ* 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, shal 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,* including *Clinical Medicine.*
2. *Principles and Practice of Surgery,* including *Clinical Surgery.*
3. *Regional and Surgical Anatomy.*
4. *Bacteriology.*

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.*
7. *Elements of Hygiene.*

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		
				27	6 0
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		
				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			
Vaccination						1	1	0			
									24	3	0
									124	19	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
Total									£145	19	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.

SCHEDULES FOR 1914.

[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 academic 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 Physiology.

(*d*) Perform practical physiological work to the satisfaction of the Professor of Physiology.

(*e*) Attend a course of lectures on Organic Chemistry.

(*f*) Perform practical work in Organic Chemistry and Toxicology, during three months, to the satisfaction of the Professor of Chemistry.

(*g*) Attend, during one term, a course of lectures on Physical Chemistry.

During the second academic year every student shall

(*a*) Attend a course of lectures on Anatomy.

(*b*) Dissect, during the whole of the academical year, to the satisfaction of the Professor of Anatomy.

(*c*) Attend a course of lectures on Physiology.

(*d*) Perform practical physiological work 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 academic 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 academic year, a course of lectures on Clinical Medicine and Clinical Surgery.

(*d*) Attend a course of demonstrations on Regional and Surgical Anatomy.

(*e*) Attend a course of lectures on Pathology, and perform a course of practical laboratory work.

(*f*) Attend a course of practical demonstrations on Bacteriology, and shall produce a certificate of proficiency, signed by the Demonstrator.

(*g*) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital both in the wards and in the out patients' department during the whole of the academic year.

(*h*) Hold the office of Surgical Dresser during six months and that of Medical Clerk during three months ; or, hold the office of Medical Clerk during six months and that of Surgical Dresser during three months.

(*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, and these shall include all cases for which he has been Clinical Clerk or Dresser.

During the fourth academic 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 academic 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 academic year, the medical and surgical practice of the Adelaide Hospital, both in the wards and in the out-patients' department.

(*g*) Hold the office of Medical Clerk during six months and that of Surgical Dresser during three months ; or, hold the office of Surgical Dresser during six months and that of Medical Clerk during three months, provided that he shall produce evidence of having during the third and fourth years held office as Surgical Dresser for a total period of not less than nine months and of having held office as Medical Clerk for not less than nine months.

(*h*) Midwifery. (*See paragraph* (*m*) *of fifth year*).

(*i*) Post Mortem Examinations.—Every student shall attend at least forty Post Mortem Examinations, and these shall include all cases for which he has been Clinical Clerk or Dresser. (*See qualification under paragraph* (*m*) *of schedule for fifth year*).

(*j*) Perform, himself, *Post Mortem* Examinations during three months, provided that the whole or any part of such personal performance of *Post Mortem* Examinations may take place during the third year.

(*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 practice of the Hospitals for the Insane during three months.

During the fifth academic year every student shall

(*a*) Attend during the whole of the academic year courses of lectures on Clinical Medicine and Clinical Surgery.

(*b*) Attend a course of lectures on Therapeutics.

(*c*) Attend a course of lectures on Gynæcology.

(*d*) Attend a course of lectures on Ophthalmology.

(*e*) Attend a course of lectures on Otology.

(*f*) Perform a course of Operative Surgery.

(*g*) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital, both in the wards and in the out-patients' department during the whole of the academic year.

(*h*) Hold the office of Surgical Dresser and Medical Clerk in the Gynaecological Wards of the Adelaide Hospital during three months.

(*i*) Hold the office of Surgical Dresser and Medical Clerk in the Ophthalmological Wards of the Adelaide Hospital during three months.

(*j*) Hold the office of Pathological Clerk during two months at the pathological laboratory in the Adelaide Hospital.

(*k*) Attend a course of clinical instruction on the diseases of children at the Adelaide Children's Hospital.

(*l*) Hold the office of Surgical Dresser and Medical Clerk at the Adelaide Children's Hospital during two months.

(*m*) 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.

(*n*) Produce a certificate of having received instruction in Vaccination from some legally qualified practitioner approved by the Council.

(*o*) 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.

The following rules for the admission of students to the practice o the Adelaide Hospital are published in the Calendar for convenience of reference :—

I. Each medical student of the University of Adelaide shall be admitted as a pupil 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 pupil 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 pupil 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 pupil 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 Clinical Clerk and 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 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 attend the practice of the surgical wards during the period that he is performing *post-mortem* examinations.

Clerks and Dressers.

Each clerk and dresser shall—

I. Be appointed every three months, and may apply for appointment under any honorary officer, provided that the list is not full. May apply in advance after passing the third and second year examination respectively. Shall be allotted by the Medical Superintendent, who will be guided by the examination result list.

II. Attend at 9 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 a written explanation to the Medical Superintendent. Shall at 9 o'clock attend the wards, and shall accompany the Honorary Officer during his visits, and on other days his Resident Medical Officer, when makinghis round of the wards in the morning. Shall assist and be under the immediate supervision of the Resident Medical Officers ; and 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 (new cases are to be recorded within twenty-four hours of admission), and shall read his notes to the Honorary Officer.

IV. Attend when possible the *post-mortem* examinations, and shall read to the Pathologist a clinical *resume* of each case allotted to him in the wards, 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. Make a written note at least twice a week of each case allotted to him. These notes are inspected by the Medical Superintendent, who will call attention to any defect.

VI. Receive at the end of his term a certificate from the Medical Superintendent when he has fulfilled these conditions, and stating that fact. If the work is unsatisfactory the Medical Superintendent shall report to the Dean of the Faculty and may refuse a certificate. The certificate shall be signed by the Honorary Officer to whom the student has been attached, and countersigned by the Chairman of the Board.

VII. Attend the out-patient practice of the junior colleague of the Honorary Officer to whom he is attached. Shall, before the arrival of the Honorary Officer, write on a card a short history of any new case, and shall examine the patient with the Honorary Officer.

VIII. During the month of February each student of the third and fourth year shall attend respectively a course of elementary surgical and medical training. These courses will consist of two lectures a week, delivered by the Medical Tutor and the Surgical Tutor.

Clinical Clerks.

Each Clinical Clerk shall—

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

II. Examine in the Bacteriological Laboratory of the Hospital the sputum for tubercle bacillus, and shall examine any pathological fluid or specimen from his cases. Tests of the urine are to be made at least once a week. He shall record the results of such examinations in his notes.

Surgical Dressers (including those in Special Departments).

Each Surgical Dresser shall—

I. Assist the Surgeon and House Surgeons in operations of the cases allotted to him; and shall also have and prepare, if required, the site of operation.

II. Dress cases, or assist in dressing, as required by the Honorary Officer, or by his Resident Medical Officer. Tests of the urine are to be made weekly, and always on the morning of an operation.

Receiving-room.

I. A Clerk and a Dresser shall be appointed each day to take duty in the Receiving-room. They shall there dress wounds and otherwise assist the Resident Medical Officers.

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 are admitted as pupils 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.

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

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.
3 dozen slides, 3 in. x 1 in.
½-oz. cover-glasses, ¾ in. squares No. 2.
1 box for mounted slides.
1 case of biological instruments, containing—
  3 scalpels (large and small).
  2 Forceps (broad and fine pointed).
  2 scissors (large and small).
  3 needles (in handles).
  1 seeker.
  1 section lifter.
  2 razors.

Microscopes : Medical students are required to supply their own instruments (see First year schedule for degree of M.B. and B.S.); other students may use microscopes provided by the University on payment of a fee of 10/6 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.
1 small chamois leather.
1 soft silk handkerchief.
Notebook, lead and coloured pencils.
No ink allowed.

V. Paper and scraps or refuse of any kind must not be thrown into the sinks but into the vessels provided for the purpose.

VI. 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.

Made by Council, June, 1911.

OF THE DEGREE OF DOCTOR OF MEDICINE.

REGULATIONS.

I. Every candidate for the degree of Doctor of Medicine must either have been admitted to the degree of Bachelor of Medicine in the University of Adelaide after examination, or, having been admitted to the degree of Bachelor of Medicine in the University of Adelaide *ad eundem gradum*, must be eligible to be a candidate for admission to the degree of Doctor of Medicine in his own University, and, in either case, must pass an examination as hereinafter prescribed. Provided that Bachelors of Medicine admitted *ad eundem gradum* engaged in teaching at the University of Adelaide, or who, in the opinion of the Council, have attained distinction in their profession, may, on the recommendation of the Faculty of Medicine, and with the permission of the Council, present themselves for examination for the Degree of Doctor of Medicine, notwithstanding that they may not be eligible to be candidates for admission to the degree of Doctor of Medicine in their own Universities.

II. No candidate shall be eligible for examination until the third year 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 , 1

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 of the University.

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 third year after his admission to the Degree of Bachelor of Surgery in this University, 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 recognised 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 o the subjects mentioned in Regulation III.

(b) Prescribing general rules for the admission of candidates to th examination during the first or second years 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 , 1

Signature of Candidate .....

Postal Address.....

To the Registrar,
University of Adelaide.

Allowed 12th December, 1907.

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 the teaching of the University, 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 MUSIC.

REGULATIONS.

I. Students who have passed the Senior Public Examination 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
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 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.

* *Allowed 19th January*, 1910.

V. At the first examination for the Degree of Bachelor of Music every 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 for the Degree of Bachelor of Music every candidate shall be required to satisfy the Examiners in each of the following subjects :—

Harmony and Counterpoint.
Double Counterpoint, Canon, and Fugue.
History and Literature of Music.
Form and Analysis, and

One of the following practical subjects :—
(*a*) *Singing.*
(*b*) *Pianoforte,*
(*c*) *Organ,*
(*d*) *Violin,*
(*e*) *Violoncello.*
(*f*) Or any other instrument approved by the Faculty

VII. At the Third Examination for the Degree of Bachelor of Music every 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 will 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 Examiner or Examiners as to his qualifications either as (1) Composer, or (2) Executant.

If he elect to present himself as Composer he must submit a musical exercise composed by himself for the occasion of

* *Allowed 23rd November, 1911.*
† *Allowed 12th December, 1907.*

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 will 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 must deposit either the original or a fair and complete copy of such Exercise in the University Library.

If he elect to present himself as Executant, he must do so in one of the following subjects :—

(*a*) *Pianoforte.*

(*b*) *Organ.*

(*c*) *Violin.*

(*d*) *Playing on any other instrument approved by the Faculty of Music.*

(*e*) *Singing.*

Each candidate who so presents himself will 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 satisfy the Examiner or Examiners in Sight Reading.

*X. Schdules 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 published not later than the month of January in each year.

* *Allowed 12th December*, 1907.

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 Board of Examiners when settling the results of the Ordinary Examinations.

*XIIIA. 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 will be allowed.

+XIV. The following fees shall be payable in advance :—

Lecture fees. For each Term	£3	3	0
Examination fees—			
For each Ordinary examination	3	3	0
For each Supplementary examination	1	11	6
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
Fee for Executant's Examination under Section IX.	5	5	0
Fee on taking the Degree of Bachelor of Music ..	3	3	0

XV. Candidates who have passed in the Advanced Course of Public Examinations in Music (now abolished) shall, upon attending the lectures and passing examinations in the History of Music

* *Allowed 21st December*, 1905.

† *Allowed 12th December* 1907.

and Acoustics, be credited with having completed the First year of the course for the Degree. Such candidates shall pay one fee of £3 3s. for the lectures and examination in those two subjects.

XVI. Candidates who have passed in Pianoforte or Organ playing in the examination for the Diploma of Associate in Music, or the Senior Public Examination in Practice of Music, shall be exempted from further examination in those subjects for the First year of the course for the Degree.

XVII. Candidates who have passed in any one of the following practical subjects in the examination for the Diploma of Associate in Music, the Advanced Course (now abolished), or the Senior Public Examination in Practice of Music, shall be exempted from further examination in such subject for the Second year of the course for the Degree :—

(*a*) Singing
(*b*) Pianoforte
(*c*) Organ
(*d*) Violin
(*e*) Violoncello

Allowed 3rd December, 1902.

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 2nd 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, / Canon, and Fugue, } up to five parts.
4. Instrumentation.
5. History of Music.
6. Musical Analysis.

V. The above examination shall be held, when required, in the month of August.

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	£6	6	0
" attending the Final Examination ...	£5	5	0
" taking the Degree of Doctor of Music ...	£10	10	0

Allowed 12th December, 1907.

OF THE DIPLOMA IN EDUCATION.

REGULATIONS.

I. To obtain the Diploma in Education every candidate

(1). Shall be a graduate of the University in Arts or Science.

(2). Shall have attended lectures regularly and passed the examinations in English Language and Literature, Psychology and the Principles and History of Education as prescribed for the Ordinary Degree of Bachelor of Arts.

(3). Shall take a course of professional study in the principles and practice of 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.

II. Candidates may be excused from attendance at lectures or practical work, but only on special grounds to be allowed by the Council.

III. 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.

IV. Schedules defining the approved courses of professional work in accordance with Regulation I., clause (3), and the approved Schools in accordance with Regulation I., clause (4), shall be drawn up from time to time by the Faculty of Arts, subject to the approval of the Council.

V. The undermentioned fees shall be payable in advance:

For examinations—

Principles of Secondary Education ...	£1 1s.
Thesis	£1 1s.
Hygiene	£1 1s.
For inspection of Practical Teaching	£2 2s.
For the Diploma	£1 1s.

(For Syllabus, see No. 27.)

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

Allowed 7th December, 1911.

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. (66A)

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

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

Surveying. (Part only). (106)

Chemistry. (45)

Forest Botany. (65C)

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.

SYLLABUS OF SUBJECTS FOR DEGREES AND DIPLOMA COURSES FOR 1914.

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 course of lectures is begun every year, and is completed in two years. It is divided into two parts, with an examination at the end of the first and the second year. Fee for the course, £4 4s., or 14s. per term.

Subjects of examination in 1914:

First year:

(*a*) Translation from English into Greek.
(*b*) Translation from Greek into English.
(*c*) Books specially set for 1914:
Euripides, *Medea* (C. E. S. Headlam, Cambridge University Press).
Thucydides, *Book VI.* (Selections by P. N. Ure, John Murray, London).
(*d*) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

Second year:

Same as First year, but in place of (*a*) are substituted:
Homer, *Odyssey*, XXI., XXII, XXIII. (W. W. Merry).
Greek Antiquities, Prof Maisch (Temple Primers, Dent). Omit pp. 1-30 and 131 to end.
Greek Literature, Prof. Jebb (Literature Primers, Macmillan).

2. Latin. B.A. and M.A. Ordinary Degrees.

The course of lectures is begun every year, and is completed in two years It is divided into two parts, with an examination at the end of the first and second year. Fee for the course, £4 4s., or 14s. per term.

Subjects of examination in 1914:

First year:

(*a*) Translation from English into Latin.
(*b*) Translation from Latin into English.
(*c*) Books specially set for 1914:
Horace, *Odes III.* (J. Gow, Cambridge University Press).
Cicero, *In Caecilium* (Heitland and Cowie, Cambridge University Press).
(*d*) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

Second Year:

Same as First year, but in place of (*a*) are substituted:
Juvenal, *Satires*, 1, 3, 4, 5, 7, 8, 10 (J. D. Duff, Cambridge University Press).
Roman Antiquities, Prof. Wilkins (History Primers, Macmillan).
Roman Literature, Prof. Wilkins (Literature Primers, Macmillan).

3. Greek and Latin. B.A. Honours Degree.

The course extends over three 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 three 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 chosen for 1914 and 1915:
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.*

4. 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*). An Essay. The subject must be approved by the Professor of Classics.

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.

8. English Language and Literature. B.A. and M.A. Ordinary Degrees.

The course of lectures is given annually, and is completed in one year. comprises the history of the language, the history of the literature, and study of prescribed books. Fee for the course £4 4s., or £1 8s. per term.

Subjects of examination in 1914:

The professor's lectures and the following books:

I.

History of the English Language. Special book: Lounsbury, T. R. *History of the English language.*

II.

History of English Literature. Spenser to Tennyson, with special reference to Hales's *Longer English poems.*

III.

Poetry. Special books:

1. Chaucer. *Prologue*, ed. by R. Morris; new ed. by W. W. Skeat. (Clarendon Press.)
2. Shakespeare (*a*) *Henry the Fourth*, Part I. (Warwick Shakespeare).
   (*b*) *Hamlet*; ed. by E. K. Chambers. (Warwick Shakespeare).
   (*c*) *The Winter's Tale* (Macmillan & Co.).
3. Browning *Selections.* (Smith & Elder.)

IV.

Prose. Special book:

Typical Selections from the best English Writers from Pope to Macaulay (Clarendon Press).

The John Howard Clark Prize is awarded on the results of the Examinations in English Language and Literature. For the Scholarship see Statutes.

9. French. 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 1914:

First year:

(*a*) Translation from English into French.
(*b*) Translation from French into English.
(*c*) Cours de Grammaire Historique Darmsteter-Lèopold Sudre.
Part I., to page 64.
Part IV., *Syntaxe.* (Delagrave).
(*d*) Books specially set:
Grands Prosateurs du XVIIe. Siècle. Edited by Prof. Louis Brandin. (Black).
Victor Hugo, *La Légende des Siècles.* (Clarendon Press).
Daudet, *Contes du Lundi.*
(*e*) Selections to be committed to memory:
From Spiers' *Senior French Reciter,* Nos. 1, 3, 10, 13.

Second Year:

(*a*) Translation from English into French.
(*b*) Translation from French into English.
(*c*) E. Faguet, *Dix-septième Siècle—Études Littéraires* (Hachette)
Spencer, *Primer of French Verse.*
Cours de Grammaire Historique. Darmesteter-Lèopold Sudre. Part III, to page 123. *Formation des Mots et Vie des Mots.* (Delagrave.)
(*d*) Books specially set:
Gautier, *Voyage en Espagne* (Clarendon Press.)
Chateaubriand, *Extraits.* (Hachette). Ed. Brunetière. (Pp. 49-152).
Molière, *Le Tartufe.* (Heath.)
Bazin, *La Terre qui Meurt.*
(*e*) Selections to be committed to memory:
From Spencer's *Primer of French Verse,* Nos. 2, 4, 23, 27, 28, 31, 70.

[Candidates of the Second Year are required to answer in French all questions except the translations 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 1914:

First year:

(*a*) Translation from English into German.
(*b*) Translation from German into English.
(*c*) History of the German Language.
Selss, *A Brief History of the German Language*, Ch. I.–XII. (Longmans, 5s.)
(Note: Only a general knowledge of the grammar dealt with in pages 37-64 will be expected).
(*d*) Books specially set:
Lessing, *Minna von Barnhelm*, ed. Wolstenholme (Camb. Univ. Press, 3s.).
Schiller, *The Song of the Bell, and other Poems* (Blackie's Little German Classics, 6d.).
Scheffel, *Der Trompeter von Säkkingen*, ed. Milner Barry (Macmillan, 3s. 6d.).
(*e*) Selections to be committed to memory:
Heine, *Lorelei*.
Uhland, *Das Schloss am Meer*.
Goethe, *Heidenröslein*.
Schiller, *Hoffnung*.
Storm, *Abseits (Die Heide)*.
(Note: These poems may be found in *Poems for Recitation*, Blackie's Little German Classics, 6d.).

Second year:

(*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.).
(*d*) Books specially set:
Goethe, *Faust, Part I.*, with an appendix on Part II., ed. by Jane Lee (Macmillan, 4s. 6d.).
Hein, *Auswahl deutscher Prosa der Gegenwart* (Oxford Univ. Press, 3s. 6d.).
August Lomberg, *Auswahl historischer Gedichte* (Beyer und Söhne, Langensalza, 3d.).
(*e*) Selections to be committed to memory:
Freiligrath, *Die Trompete von Gravelotte (Vionville)*.
Schiller, *Der Taucher*.
Uhland, *Die Kapelle*.
Kerner, *Der reichste Fürst*.
Goethe, *Gefunden (Ich ging im Wald)*.
(Note: These poems may be found in *The Oxford Book of German Verse* (Oxford Univ. Press, 6s.).

[Candidates of the Second Year are required to answer in German all questions except the translations from German into English.]

HISTORY.

12. History of the United Kingdom. B.A. and M.A. Ordinary Degrees.

The course of lectures is given in two out of every three years, and is completed in one year. It will be given in 1914. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination in 1914:

The professor's lectures and the following books:—

Low, Sidney. *The Governance of England.*
Gardiner, S. R. *The Puritan Revolution* (*Epochs of Modern History*).
Woodward, W. H. *A short history of the expansion of the British Empire* (in part).

It is assumed that students have some knowledge of the outlines of English history as set down in J. R. Green's *Short History of the English people*, or S. R. Gardiner's *Student's History of England.*

13. Modern European History 918—1273. B.A. and M.A. Ordinary Degrees.

The course of lectures is given every third year, and is completed in one year. It will be given next in 1915. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination:

The professor's lectures and the following books:

Bryce, J. *The Holy Roman Empire.* 1904 edition.
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).

History for B.A. Honours Degree.

In addition to the requirements of Regulation IV., candidates must select one of the two following Divisions (*a*) or (*b*):

14. (*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.

2. ORIGINAL.

Gardiner, S. R. *Constitutional documents of the Puritan revolution.*

15. (*b*) Colonial History.

(1.) There will be an examination in a specified portion of Colonial History. The books prescribed for 1914 are :—

Egerton, H. E., *A Short History of British Colonial Policy.*
Lucas, C. P., *Historical Geography of the British Colonies, Vol. VI., Australasia.*
Henderson, G. C., *Sir George Grey. Pioneer of Empire in Southern Lands.*

(2) Students must also present a thesis in a period of South Australian History which must be of such a nature as to constitute a piece of 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.
(*b*) Commissions of Inquiry.
(*c*) Scientific and general reports.
(*d*) Contemporary publications in pamphlet and book form.
(*e*) Gazettes and Calendars.
(*f*) Newspapers.

Arrangements have been made with 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.

History for the M.A. Honours Degree.

Two papers will be set, one on general European History for which no special books are prescribed, but the Professor may be consulted; the other on one of the following special periods for which the candidates are recommended to read the books prescribed. Questions may also be set on the subject matter of the thesis.

16. (*a*) Early English Constitutional History.

1. GENERAL.

Stubbs, W., *Constitutional history of England in its origin and development*, vol. 1–2.
Maitland, F. W. *Domesday book and beyond.*
Pollock, Sir F., and Maitland, F. W. *History of English law.* 2nd ed.

2. ORIGINAL.

Stubbs, W. *Select charters and other illustrations of English constitutional history.*

17. (*b*) The first three Crusades.

1. GENERAL.

Sybel, H. von. *History and Literature of the Crusades;* tr. and ed. by Lady Duff Gordon.

2. ORIGINAL.

Gesta Francorum.
Raymond de Agiles.
Fulcher de Chartres.
Odo de Deuil.
William of Tyre. Books XVI., XVIII., ch. 1–8.
Bohá-ed-dín.

These Chronicles are to be found in the University Library under title of "*Receuil des historiens des Croisades, etc.*"

ECONOMICS.

20. Economics. B.A. and M.A. Ordinary Degrees

The course of study is in two parts, each occupying a year. The lectures are given once a week, and in the evening. Students must begin with the lectures in Part I., and pass in it before taking Part II.; but if they have failed to pass in Part I. they may be permitted, by consent of the professor, to proceed to Part II. Both parts must be passed before the subject counts towards a degree.

The course of lectures in Part II. will be given in 1914. It will deal with economic distribution, with public policy and finance, and with economic history.

Fee for the course £4 4s. or 14s. per term.

Text-books in Part I.:

Sykes, *Banking and Currency.*
Marshall, *Economics of Industry.*
Hobson, *Evolution of Modern Capitalism.*

For private work:

Outlines of Economics developed in a series of problems (Chicago Univ. Press).

Text books in Part II.:

Plehn, *Public Finance.*
Buxton, *The Arguments on either side of the Fiscal Question.*
Day, *History of Commerce.*
Official Year-Book of the Commonwealth. No. 6 (1913).

For private study:

Brown, *Principles of Modern Legislation.*

MENTAL AND MORAL SCIENCE.

Courses of lectures on Psychology, Logic, and Philosophy will be given every year, and on Ethics every second year. Each of these courses is completed in one year.

21. 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 £2 2s., or 14s. per term.

Subjects of examination:

The professor's lectures, with the following text-books:

Mitchell, *Structure and Growth of the Mind.*
Lickley, *Nervous System* (Longmans).

For private study:

Stout, *Manual of Psychology.*
McDougall, *Physiological Psychology.*

22. 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 £2 2s., or 14s. per term.

Subjects of examination:

The professor's lectures, with

Creighton, *An Introductory Logic.*

For private study:

Bosanquet, *Essentials of Logic.*

The Roby Fletcher Prize is awarded on the results of the examinations in Psychology and Logic.

23. 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 1915. Fee for the course £2 2s , or 14s. per term.

Subjects of examination:

The professor's lectures, with the following text-books:

Dewey and Tufts, *Ethics.*
Sidgwick, *History of Ethics.*

24. Philosophy. 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 £2 2s., or 14s. per term.

Subjects of examination:

The professor's lectures, with the following text-books:

Schwegler, *History of Philosophy.*
Ward, *Naturalism and Agnosticism.*
Berkeley, *Principles of Human Knowledge* (Everyman's Library).

25. Philosophy. B.A. Honours and M.A. Honours Degrees.

Candidates for these degrees in Philosophy should intimate their intention to the Professor as early in their course as possible. In 1914 lectures will be given on Greek Philosophy, on Modern Philosophy from Kant, and on Psychology and Ethics. The examination for the B A. degree will include Psychology, Logic, and Ethics, as well as Philosophy; and students will be expected to read prescribed texts in Philosophy and to add James, *Principles of Psychology*, 2 vols (Macmillan) 25/, and Green, *Prolegomena to Ethics*, to the books prescribed for the Ordinary degree.

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, £2 2s , or 14s. per term.

Subjects of examination :

The lectures on the History and the Theory of Education.

In the History, students are recommended to read Quick, *Educational Reformers;* and a general knowledge of the principal educational writings from Plato to Froebel will be expected.

In the Theory of Education they are recommended to read Raymont, *Principles of Education* (Longmans, Green, & Co., 3s. 6d.).

27. Principles and Practice of Education. Diploma in Education.

No course of lectures is provided at present, but an examination will be held annually in the Principles of Secondary Education and in Hygiene. The examinations need not be taken in the same year, but candidates will not be admitted to the examination in Secondary Education unless in a previous year they have passed the examination in Education as prescribed for the ordinary B.A. Degree.

A. Principles of Secondary Education.

1. Two papers will be set, (1) One on the function of the secondary school, in a national system of education ; organization and management of secondary schools (arrangement of classes, distribution of staff, curriculum, programmes, timetables, etc.) ; and the chief physical and mental characteristics of adolescents.

(Note.—Candidates will be expected to show a general knowledge of the historical development of these problems, and of the manner in which they are being dealt with in practice at the present day).

(2). A second on the chief principles of method in teaching the following subjects in the primary or preparatory school : English language, arithmetic, history, and geography.

Text Books :—

Welton. *Principles and Methods of Teaching.* Univ. Tutorial Press.
Norwood & Hope. *Higher Education of Boys in England.*
Burstall. *English High Schools for Girls.*

Recommended for further reading :

Adamson. *Practice of Instruction.* National Society's Depository, London.

Special Reports of the Board of Education, London.

2. Candidates are required to write a thesis on the methods of teaching a subject selected from one of the following divisions in which the candidate has adequate knowledge : English and history, classics, modern languages, science and geography, mathematics. 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.

B. HYGIENE.

Personal and school hygiene.

Text Book:

Porter. *School Hygiene and Laws of Health.* Longmans, Green & Co.

C. PRACTICAL TEACHING.

Candidates are required to spend not less than eighty hours in teaching in a secondary school, under such supervision and inspection as the Council may require. Candidates must present a diary of the work done and detailed notes on at least twenty lessons. They may be required to give additional lessons before an examiner appointed by the Council.

MATHEMATICS.

30. First Year's Course in Pure Mathematics. Compulsory Mathematics for B.Sc. Degree.

A course of lectures is given annually.

Fee for the course, £3 3s. including fee for examination.

Subjects of examination:

(*a*) Geometry of the straight line and circle: the theory of proportion and of similar rectilinear figures: elementary solid geometry.
(*b*) The elements of algebra as far as the binomial theorem.
(*c*) The elements of trigonometry as far as the solution of triangles.

Text-books recommended:

Hall & Stevens, *A School Geometry*, Parts I. to VI.
Hall & Knight, *Elementary Algebra*, the new edition or the old edition together with supplementary pamphlet on graphical algebra.
Loney, *Plane Trigonometry*, Part I.

Students will also require a copy of Chambers' *Mathematical Tables.*

31. Second Year's Course in Pure Mathematics.

A course of lectures is given annually.

Fee for the course, £3 3s. including fee for examination.

Subjects of examination:

Algebra, trigonometry, the most elementary portions of analytical geometry of two dimensions, and of the infinitesimal calculus.

Students should provide themselves with the following:

Hall & Knight, *Higher Algebra.*
Loney, *Plane Trigonometry*, Part II.
C. N. Schmall, *A First Course of Analytical Geometry.*
W. Cain, *A Brief Course in the Calculus.*

32. Third Year's Course in Pure Mathematics.

A course of lectures is given annually.

Fee for the course, £5 5s. including the fee for examination.

Subjects of examination:

Analytical geometry of two dimensions, infinitesimal calculus, and elementary differential equations.

Text-books recommended:

Smith, *Conic Sections.*
Edwards, *Differential Calculus.*
Williamson, *Integral Calculus.*
Murray, *Differential Equations.*

33. Applied Mathematics.

A course of lectures is begun and completed each year. Before commencing this course, students should have attended at least the course No. 30, in Pure Mathematics.

Subjects of examination:

Statics, dynamics, and hydrostatics, treated with the aid of the elements of analytical geometry, and of the infinitesimal calculus.

Students should provide themselves with the following:

Loney, *Dynamics.*
Greaves, *Statics.*
Besant, *Hydrostatics.*

34. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

Candidates for the Honours Degree in Mathematics must pass in subjects 30, 31, 32, and 33.

In addition a special course of lectures is given annually, the fee for which is £10 10s.

Subjects for the final examination:

Analytical geometry, infinitesimal calculus, analytical statics, dynamics of a particle, hydrodynamics, elementary rigid dynamics.

Text-books recommended:

C. Smith, *Solid Geometry.*
D. A. Murray, *Introductory Course in Differential Equations.*
E. J. Routh, *Analytical Statics,* Vol. I.
E. L. Loney, *Dynamics of a Particle and of Rigid Bodies.*
Besant and Ramsey, *Treatise on Hydromechanics,* Part I.

35. Mathematics for the M.A. Degree in Honours.

Candidates may present themselves for examination either in Pure Mathematics or in Applied Mathematics, but will in either case be expected to show a competent knowledge of the following preliminary portions of Mathematics, that is to say, of

Algebra, the simpler properties of equations and determinants.
Plane trigonometry.
Elementary analytical geometry of two and three dimensions.
The elements of the differential and integral calculus, with their simpler applications to geometry.
The solution of such ordinary differential equations as occur in dynamics.
The statics of solids and fluids.
The kinetics of a particle.

Candidates who present themselves in Pure Mathematics will further be examined in the theory of equations, the higher parts of analytical geometry of two and three dimensions, and of the infinitesimal calculus.

Candidates who present themselves in Applied Mathematics will be examined in the dynamics of particles, and of rigid, elastic, and fluid bodies; theory of attractions.

Text-books are recommended:

Routh, *Statics, Vol. II.*
A. G. Webster, *The Dynamics of Particles and of Rigid, Elastic, and Fluid Bodies.*

36. Applied Mechanics.

A course of lectures is given annually. Students will assist at practical demonstrations on the testing of materials in the Engineering Laboratory. At the end of the year students will be expected to submit for examination an original design, together with all necessary computations of some approved structure, such as a roof truss or bridge girder.

Fee for the Course, £4 4s., or £1 8s. per term.

Subjects of examination:

The strength of materials and their behaviour under stress.

The properties of Australian timbers for engineering purposes.

The testing of materials.

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.

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 agains 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. Strength and stability of masonry arches.

Text-book:

Goodman, *Mechanics Applied to Engineering.*

36a. Spherical Trigonometry and Astronomy.

No course of lectures is at present provided, but an annual examination is held.

Subjects of examination :

Spherical trigonometry, astronomy (including the theory and use of the telescope), spectroscope, &c., elementary computations, and general descriptive astronomy.

Text-books :

McLelland & Preston, *Spherical Trigonometry*, Vol. I.
Godfray, *Treatise on Astronomy.*
F. R. Moulton, *Introduction to Astronomy.*

PHYSICS.

37. First Year's 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 ; and the following text-book :

Gregory and Hadley, *A Class-book of Physics.*

38. Second Year's Course in Physics.

A course of lectures and of laboratory work is given annually.

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's 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.

Subjects of examination :

The professor's lectures and the following text-books :

Watson, *A Text-book of Physics.*
Watson, *A Text-book of Practical Physics.*

40. Third Year's 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 for the B.Sc. Degree, and of Watson's *Text-book of Physics,* 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 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.*
Gray, *Absolute Measurements in Electricity and Magnetism.*

CHEMISTRY.

45. Compulsory Chemistry B.Sc. Course, Inorganic Chemistry M.B., 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.

Books recommended:

Introduction to the study of Chemistry, Remsen. 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 I. 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.

Fee, £4 4s.; or £1 8s. per term.

A more detailed study of the subjects of Compulsory Chemistry and the Elementary Chemistry of rubidium, cæsium, 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.

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 Schoflemmer's Chemistry.

47. Theoretical Chemistry Part II. B.Sc. 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.

Fee, £5 5s.; or £1 15s. per term.

Books recommended:

Organic Chemistry, Bernthsen.
Organic Chemistry, Holleman.
Organic Chemistry, Wade.
For consultation, Roscoe & Schorlemmer's Chemistry.

48. Practical Chemistry Part I. B.Sc. Course, and Practical Chemistry II. Course for Diploma in Applied Science.

This Course is given annually and is completed in one year.

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 bichromate solution, the use of iodine and thio-sulphate solutions, and the volumetric estimation of calcium by permanganate solution. Acidimetry. Alkalimetry.

Fee, £6 6s.; or £2 2s. per term.

49. Practical Chemistry Part II. 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, &c.

Fee, £12 12s.; or £4 4s. per term.

50. Practical Chemistry for Agricultural Course.

This Course extends over one year. Fee for the course, £18 18s.; per term, £6 6s. 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, &c.

51. Theoretical Organic Chemistry, M.B., B.A., M.A. Degrees, and Agricultural Course.

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. Picric acid. Phenols. Benzaldehyde. Benzoic acid. Hippuric acid. Salicylic acid. Gallic acid and tannin.

Quinone. Elementary study of terpenes. Camphor. Eucalyptol. 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.

Text-book recommended:

Organic Chemistry: Remsen.

52. Practical Organic Chemistry M.B. Course.

This Course is given annually and is completed in one 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, grape-sugar, urea, morphia, quinine, strychnine,

The quantitative analysis of milk, and the determination of the more important substances in urine.

53. Practical Organic Chemistry B.A. Course.

This Course is given annually and is completed in one year.

Same as the qualitative part of Practical Organic Chemistry M.B. Course, but without any quantitative analysis.

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 will also be expected to attend 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 and Mineralogy. Part I., B.Sc. Course; also B.A., M.A., and Courses for Diploma in Applied Science and Agriculture.

Lectures and practical work extend over two years. The first year's work consists of a course of lectures on Physiography (set out under division A below). In the second year students will be required to attend the course on Geology and Palaeontology (set out in B, C and D), and the course on Mineralogy (including Crystallography) and Petrology (set out in E and F). It is not necessary, however, that the courses in Geology and Mineralogy should be taken in the same year. But it is imperative that Division A be taken before the student passes on to the subjects included in Divisions B to D.

55a. Physiography. (Compulsory in B.Sc. Course).

A. Physiography. The earth as a planet. The atmosphere and meteoric phenomena. Climates. The hydrosphere. The lithosphere. Evolution of land forms. Processes of waste and reconstruction. Vulcanism and crust movements. Diastrophism. Fossilization. Succession of life on the earth.

About 30 lectures in the above subjects will be delivered, one hour a week during the three terms, as a compulsory science subject, and as part of the Geology and Mineralogy Part I. Course. Fee £1 1s.

Text Books :—

Smith, Bernard. *Physical Geography for Schools.*
Marr, John E. *Scientific Study of Scenery.*
Howchin, W. *Geography of South Australia.*

For Reference :

Davis, W. M. *Elementary Physical Geography*, also *Physical Geography.*
Geikie, Jas. *Earth Sculpture.*
Salisbury, Rollin D. *Physiography.*

55b, c, & d. Geology. Part I.

B. STRUCTURAL AND TECTONIC GEOLOGY.

Text Books :—

Lapworth's *Intermediate Text Book of Geology*,
Geikie, Jas. *Structural and Field Geology*,
Penning. *Text Book of Field Geology.*
Dwerryhouse. *Geological and Topographical Maps.*

For Reference :—

Chamberlin and Salisbury. *Geological Processes and their Results.*
Jukes-Browne. *Students' Hand Book of Physical Geology.*

C. ORGANIC REMAINS : their classification, order of succession, and geologic occurrence.

Text Books :

Woods. *Palæontology (Invertebrate).* Camb. Nat. Sc. Manuals. 6s.
Scott, D. H. *The Evolution of Plants.* Home University Library. 1s. 3d.
Dawson, Sir J W. *The Geological History of Plants.* Internat. Sc. Series. 5s

D. CHRONOLOGICAL GEOLOGY, with special reference to Australian Geology.

Text Books :

Lake and Rastall. *Text Book of Geology*, or,
Marr. *The Principles of Stratigraphical Geology.*

Practical accompanying B, C, and D.—Geological sections and map drawing. Study and determination of Fossil Types. Field work.

Divisions B., C., and D. comprise the Geological lectures given in the first and second terms. Fees, Lectures, £2 2s. Practical Work, £2 2s.

A certain amount of field work will be done during each year. Students must present a thesis on such practical work, and will also be liable to examination in it. The thesis must be handed in at the time of the examination in Subject B.

55e & f. Mineralogy. Part I.

E. MINERALOGY. The course consists of both lectures and practical work.

Lectures, illustrated by a large collection of mineral specimens, will be delivered twice per week during second term, and will include

1. Introduction
2. Crystallography
3. Properties of minerals
4. The classification and systematic description of minerals, including all the more abundant or important. Special attention will be paid to local occurrences.

Books of reference :

Rutley, F. *Mineralogy*, 12th ed. rev. Murby. 2s.
Dana, E. S. *Text book of mineralogy.* New ed. Wiley. 18s.
Miers, H. A. *Mineralogy ; an introduction to the scientific study of minerals.* Macmillan. 30s.
Moses, A. J. *and* Parsons, C. L. *Elements of mineralogy, crystallography, and blowpipe analysis.* New ed. Van Nostrand. $2.00 net.

Brush, G. J. *Manual of determinative mineralogy;* rev. by S. F. Penfield. Wiley. 18s.

Practical work, occupying 4 hours per week, will include demonstrations on

1. Crystallography, embracing elements of crystals, use of contact goniometer, and determination of crystal forms belonging to the more important of the 32 classes
2. Analysis of minerals by dry methods embracing the use of such apparatus* and re-agents as may be conveniently carried into the field.

F. PETROLOGY. The course consists of both lectures and practical work.

Lectures will be delivered twice per week during the third term and will include

1. Introduction
2. Rock forming processes, and problems relating to volcanic intrusion.
3. Classification and systematic description of rocks
4. Ore deposits.

Text Book:

Harker, A. *Petrology for students.* (*Cambridge natural science manuals*). Cambridge University Press. New ed. 7s. 6d.

Books of Reference:—

Iddings, J. P. *Rock Minerals.* Wiley. 21s.
Iddings, J. P. *Igneous Rocks.* Wiley. 21s.
Harker, A. *The Natural History of Igneous Rocks.* Methuen. 12s. 6d.
Pirrson, L. V. *Rocks and Rock Minerals.* Wiley. 10s. 6d.

Practical work, occupying 2 hours per week, including demonstrations in

1. Hand specimen determinations.
2. The petrological microscope and accessory devices for determination of minerals in thin slices.
3. A systematic examination of the leading rock types by aid of the microscope and prepared sections.

Each student will be required to prepare and describe six satisfactory thin sections of rocks.

Fees—Lectures—£2 2s. for the course, or £1 1s. per term.
Laboratory Work—£2 2s. for the course, or £1 1s. per term.

* Students are required to provide themselves with a few small pieces of apparatus, most of which can be purchased from the department at a cost of about 12s.

56. Geology and Mineralogy. Part II., Ordinary Degree B.Sc.

Students having completed the Part I. course detailed under paragraph 55 may elect to proceed with the Part II. course under either of the alternative sections detailed below:—

SECTION A.

G. ECONOMIC ASPECTS OF GEOLOGY.

For Reference:

Elsden. J. V. *Applied Geology*, Parts I. and II.
Pittman: *Mineral Resources of New South Wales.*

H. PALÆONTOLOGY.

Text-books:

Zittel. *Text-book of Palæontology, Vol. I.;* or,
Nicholson and Lydekker. *Manual of Palæontology, Vol. I.*
Scott, D. H. *Studies in Fossil Botany.*

I. DETAILED STUDY OF AUSTRALIAN GEOLOGY, COMPARATIVE GEOLOGY, TECTONIC GEOLOGY.

Text Books:

Kayser and Lake. *Text Book of Comparative Geology.*
Suess. *The Face of the Earth.*

Practical work accompanying G, H, I.: Sectioning and study of the microscopic structures of fossil organisms. Problems in geological structure and section drawing. Field work.

SECTION B.

J. CRYSTALLOGRAPHY.

Lectures dealing comprehensively with the subject as set forth in the text-book will be delivered twice per week during the first term.

Text-book:

Lewis, W. J. *A Treatise on crystallography.* Cambridge University Press. 18s.

Practical Classes will meet for six hours a week, conjointly with the lectures.

Instruction will be given in the measurement of crystals with the Fuess universal goniometer, and in projecting and drawing them to scale.

K. OPTICAL MINERALOGY.

A course of fifteen *lectures* will be delivered twice per week during the second term until completed. The subject will be introduced by an outline of the theory and construction of the microscope, to be followed by a detailed discussion of the optical properties of minerals.

Text Book:

Iddings, J. P. *Rock Minerals.* Wiley.

Books of reference:

Winchell, A. H. and Winchell, A. N. *Elements of Optical Mineralogy.* Van Nostrand.
Miers, H. A. *Mineralogy.* Macmillan.
Dana, E. S. *Text-book of Mineralogy.* Wiley.
Johannsen, A. *Determination of Rock Forming Minerals.* Wiley.
Rosenbusch, H. *Physiographie der Mineralien und Gesteine.* Vol. 1. Pt. 1 & 2. Nägele.

Practical demonstrations occupying six hours per week will accompany the lectures, and consist of experiments illustrating the properties of doubly refracting minerals, manipulation of special accessory apparatus for use with the microscope, and determination of optic axial angle.

L. PETROLOGY.

Lectures will be delivered twice per week, beginning after completion of the course in Optical Mineralogy, and continuing to the end of the third term. The subject will be introduced by a discussion of some of the more intricate problems in the origin and descent of rocks. Due consideration will then be given to recent petrographical methods. The subject will be concluded by a systematic general survey of rock types.

Text Books:

Harker, A. *The Natural History of Igneous Rocks.* Methuen.
Rosenbusch, H. *Physiographie der Mineralien und Gesteine.* Vol. 2. Pt. 1 & 2. Nägele.

Books of reference:

Iddings, J. P. *Igneous Rocks.* Wiley.
Doelter, C. *Petrogenesis.* Vieweg.
Van Hise, R. C. *A Treatise on Metamorphism.* Mon. 47, U.S.G.S.
Washington, H. S. *The Chemical Analysis of Rocks.* Wiley.
Behrens, H. *Manual of microchemical analysis.* Macmillan.

Practical demonstrations, occupying six hours per week, will be held conjointly with the lectures.

Fees for Sections A or B.—£11 11s. per annum, or £3 17s. per term.

59. Geology and Palæontology. Honours Degree.

Candidates for the Honours Degree in Geology and Palæontology are required to show a more detailed knowledge of the subjects than is required for the Pass Degree detailed under paragraph 56, section A., and to pass a more stringent examination. They will be expected to spend all the time not necessarily devoted to lectures on practical work and original research.

No evening student can be considered competent to take the Honours Course in Geology, as the time available is too limited to do justice to the subject.

Original work must be undertaken by students in this course, which may be in one of the following lines, or such other lines of research as the lecturer in the subject may approve:—

(*a*) The chemical composition, microscopic structure, and insoluble residues of the older limestones
(*b*) The quantitative analysis of minerals entering into rock structure (under the oversight of the Lecturer in Chemistry)
(*c*) Specific work in Petrology
(*d*) The microscopic structure and chemical composition of organic testaceous remains, *e.g.*, Trilobites, Brachiopods, &c.
(*e*) Discovery and description of new fossil species
(*f*) Examination and determination of microzoal contents of fossiliferous rocks
(*g*) Deciphering difficult stratigraphical problems in field study.

Students for the Honours Degree in Geology and Palæontology pay a fee of £18 18s., or £6 6s. a term.

60. Mineralogy and Petrology. Honours Degree.

Candidates for the Honours Degree in Mineralogical Geology are required to show a more detailed knowledge of the subjects than is required for the Pass Degree detailed under paragraph 56, section B, and to pass a more stringent examination. Additional lectures will be given, but the work will be largely tutorial. They will be expected to spend all the time not necessarily devoted to lectures in work in the laboratory.

Additional quantitative analyses of rocks and minerals must be carried out in the Chemical Laboratory.

Students will be encouraged to devote special attention to one branch of mineralogical or petrological science, and to carry out original research therein.

Students for the Honours Degree in Mineralogical Geology pay a fee of £18 18s., or £6 6s. a term.

Text-books:—Those for the Pass Degree. References to more highly specialized works will be given as required.

61. Mining Geology.

This course is intended for mining students of fourth year status and cannot be taken before the courses set out under 55 have been completed.

I. Classification of ore deposits.—(*a*) morphological, (*b*) genetic.

II. Ores due to igneous processes. Magmatic differentiation and segregation. After-eruptive actions. Pneumatolysis. Hydatogenesis.

III. Phenomena of mineral veins, lodes, stockworks, etc.

IV, Physical and other conditions which regulate deposition of ores: as depth, pressure, gaseous and aqueous circulation, temperature, etc.

V. Bedded Ores. Syngenetic—ores deposited contemporaneously with sedimentary rocks; altered sedimentary ores.

VI. Ores introduced subsequently to formation of rock mass. Epigenetic—
(*a*) In interstices of rocks—disseminations
(*b*) By deformation—in faults, joints, flexures, planes of fissility, &c.

VII. Ores due to Metamorphic actions. Effects of ascending and descending waters. Metasomatic replacements.

VIII. Secondary changes in ore deposits. Oxidation. Secondary enrichment of ores. Ore shoots.

IX. Detrital ores and gems in clastic deposits.

The lectures will occupy one hour each week during the second term.

Fees—£1 1s.

Text-books recommended :—

Geology of Ore Deposits: Thomas and MacAlister. Arnold.
Mines and Minerals of the British Empire: Ralph Stokes. Arnold.
Text-book of Mining Geology: Jas. Park. London; 6s.
A Treatise on Ore Deposits: Phillips & Louis. Macmillan; 28s.
Genesis of Ore Deposits: Posepny. New York; 37s. 6d.

BOTANY.

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.

I. A course of two lectures a week will be given annually, extending over three terms, and including the following:
(*a*) The general outline of the morphology and anatomy of flowering plants.
(*b*) An introduction to the physiology, ecology and geographical distribution of plants
(*c*) The principles of classification of flowering plants illustrated by selected natural orders.
(*d*) The structure and life history of selected Cryptogamic types.

II. PRACTICAL WORK for the above course will extend over four hours per week (two periods of two hours).

Books recommended:

Structural Botany. D. H. Scott. Vols. I and II.
Flora of South Australia Tate.
Naturalised flora of S.A. J. M Black.

For reference: A text book of Botany. Strasburger. 1912 Edition.

Fees—Lectures, £2 2s. for the course, or 14s. per term.
Practical work, £4 4s. for the course, or £1 8s. per term.

63. Botany.

Second and third year's course for the Ordinary degree of B.Sc.

I. A course of two lectures a week, extending over six terms, will be given for the final examination in Botany. The lectures will deal with the anatomy and morphology of plants. The physiology of plants, their ecology and geographical distribution Cryptogamic Botany, including selected types of Algae. Fungi, Bryophyta, and Pteridophyta recent and fossil. The classification of flowering plants, both Gymnosperms and Angeosperms recent and fossil.

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.

Books recommended:

A Text-book of Botany. Strasburger. 1912 Edition.
Mosses and ferns D. H. Campbell.
Manual and Dictionary of flowering plants and ferns. J. C. Willis.
Classification of flowering plants. Rendle.
Physiology of plants. Darwin and Acton.

Fees—Lectures. £9 9s. for the whole course, or £1 11s. 6d. per term.
Practical work, £18 18s. for the course, or £3 3s. per term.

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 in Chemistry as the Professor of Botany shall deem necessary.

Students for the Honours degree in Botany pay a fee of £18 18s. a year, or £6 6s. a term.

65a. Plant Pathology and Mycology. Compulsory for students in Agriculture.

(1) A course of about 20 lectures will be arranged in this subject. These lectures will cover the more important diseases of Australian plants caused by inorganic or organic agencies and their treatment. Outlines of the classification of Fungi.

(II) Practical work will be arranged in connection with the above. Specimens illustrating the diseases dealt with in the lectures will be examined in the laboratory. Elementary instruction will be given, in the preparation of sterile media, making of pure cultures, and the growth of fungus organisms.

Fee for the course, £2 2s.

65b. Agricultural Botany. Compulsory for students in Agriculture.

A course of about 20 lectures, extending over one term, will be given specially suitable for agricultural students dealing with the nutrition of plants and plant breeding. The course set out under No. 62 must be taken first.

Practical work (three hours per week) will be arranged in connection with the above.

Text-book: Plant physiology. B. M. Duggar.

Fee for the course, £2 2s.

65c. Forest Botany. Compulsory for students in Forestry.

A course of lectures and practical work, extending over three hours per week for one term, will be given for those students taking the Forestry course. 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.

Fee for the course, £2 2s.

BIOLOGY AND PHYSIOLOGY.

A

66. Elementary Biology (for the Degrees of B.Sc., and B.A.).

The instruction in this subject will include:—

1. The fundamental facts and laws of the morphology, histology, physiology, and life-history of plants, as illustrated by the following types:—
   Yeast plant, Bacteria, Protococcus, Mucor, Penicillium, Spirogyra, the Bracken fern, and the Bean plant.
2. The fundamental facts of animal morphology and physiology as illustrated by the following types:—
   Amœba, Vorticella, Hydra, Fresh-water mussel, Crayfish, Frog.
3. The histological characters of the blood, epidermal and connective tissues, cartilage, bone, muscle and nerve in Vertebrata.

Fee for the course, including examination, £6 6s.

Text-books recommended:—

Practical Biology: Huxley and Martin.
Elementary Biology: Parker;

The Frog, an Introduction to Anatomy and Histology: Milnes Marshall.
Essentials of Histology: Schäfer.
Introduction to Botany: Dendy and Lucas.

B

67. Physiology (for the Degrees of M.B., and B.A.)

This course of Physiology will extend over four terms, viz.:—the three terms constituting one academic year, and the first term of the following year. It will comprise the subject matter of the most recent editions of Halliburton's Handbook of Physiology, Schäfer's Essentials of Histology, Halliburton's Essentials of Chemical Physiology, and the Professor's Lectures.

Students are required to attend:—

1. The Professor's lectures, the complete course of which will extend over the first and second terms of one year and the first term of the following year.
2. A practical course of Histology which will be held during the terms in which the Professor's lectures are delivered; for this course every student must provide himself with a suitable microscope that shall be subject to the approval of the Professor.
3. A practical course of Physiological Chemistry, which will be held during the third term in each year.

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 the chemistry of albumen and its allies, milk, the digestive juices and their actions, blood, urine, glycogen,

Also to show a practical acquaintance with the most important apparatus used in studying the physiology of muscle, nerve, the circulatory and respiratory system.

Text-books recommended:

The latest editions of
Handbook of Physiology: Halliburton.
Essentials of Histology: Schäfer.
Essentials of Chemical Physiology: Halliburton.
Essentials of experimental Physiology: Brodie.

68. Physiology (for the Degree of B.Sc. Pass).

This course will extend over six terms.

It will comprise the course set forth under 67, 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. A laboratory course in Physiological Chemistry will be prescribed.

Fee for the whole course, £28 7s.

Text-books.—Those recommended under 67, and in addition: Recent Advances in Physiology and Bio-chemistry (ed. by Leonard Hill); Further Advances in Physiology (ed. by Leonard Hill); and such other articles and works as may be prescribed by the Professor.

69. Physiology and Physiological Chemistry (for B.Sc. Honours).

This course will extend over six terms.

It will comprise the courses set forth under 67 and 68, 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 an examination in Physical and Organic Chemistry. They must also attend a course of Practical Chemistry (qualitative and quantitative), with special reference to substances of physiological importance. It is expected that Students will devote all their time not necessarily occupied in lectures to work in the chemical and physiological laboratories.

Students for the Honours Degree in Physiology and Physiological Chemistry 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 67 and 68.

Text-books.

Those recommended under 67 and 68, and, in addition,

Text-book of Physiology, edited by Schäfer.
General Physiology, Verworn (English Translation by F. S. Lee).
Quain's Anatomy (parts).
Text-book of Chemical Physiology and Pathology, Halliburton.
Practical Physiological Chemistry, Aders Plimmer.
Also various other works and special articles to which reference will be given.

AGRICULTURE.

70. Special Course in Agriculture, Viticulture, and Œnology.

This Course will extend over two years. Fee, £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: Students for the degree of B.Sc. in Forestry must fulfil the conditions of 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 8s.

Organic Chemistry, Theoretical and Practical, as set out under 51 and 52. Fee for the course, £6 6s.

71b. Geology.

The following course has been prescribed, and will extend over one year. Fee for the course, £2 2s.

(*a*) *Dynamical Geology.*

This course is provided for in Compulsory Physiography, 55a.

(*b*) *Mineralogy.*

Physical and chemical characters of the more important and typical species in the various mineral groups—more especially the rock forming minerals and ores.

(*c*) *Petrography.*

Macroscopic and microscopic characters, composition, origin and distribution of the commonly occurring rocks.

(*d*) *Structural Geology.*

Structure of rock masses, bedding, joints cleavage, foliation, metamorphism, faults, unconformity.

Parts (*b*), and (*c*), of this course will be taken under the instructor in these subjects by special arrangement, and part (*d*) is provided for in the first term of the ordinary Geological course.

(*e*) *Forest Geology.*

Nature and origin of soils and subsoils, exhaustion of soil, draining in connection with Geological structure.

This course is not provided for in the ordinary curriculum, but the lecturer in Geology will recommend a text-book and exercise tutorial oversight.

65c. 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.

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. Classifi-

cation 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,

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. 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. This has been arranged in order to make the practical work, which begins at the end of the first year at the University, more useful to the student.

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.*

(*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 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, fire, and shifting sands. Fungi 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. The structure of the more important timbers. Preservation of timber.

(*h*) *Administration.*

During the vacations students will be placed on the reserves of the Forest Department, 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 regularly 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.

Text Books :—

J. E. Brown's *Tree Culture in South Australia.*
Hall's *Chemistry of the Farm.*
Hall's *Soils.*

Books for Reference :—

Gordon's *Pinetum*, Henry G. Böhn.
Mueller's *Eucalyptographia.*
Mueller's *Select Extra-Tropical Plants.*
J. H. Maiden's *Useful Native Plants of Australia.*
Schlich's *Manual of Forestry*, Vol. V., by W. R. Fisher. Pub., Bradbury, Agnew & Co., Ltd.

APPLIED SCIENCE.

73. Applied Mechanics (ii).

THE MECHANICS OF MACHINERY.—Definition of a machine. Constrainment of plane motion. Translation a special form of rotation. Spheric and screw motions defined. Kinematic elements. Sliding and turning pairs. Higher and lower pairing. Relative motion. Instantaneous motion. Virtual centres and axes. Permanent centre. Centrode and axode. Kinematic chains. Lever crank and slider crank chains. Inversion of the kinematic chain. Simple and compound chains. Determination of virtual centres in mechanisms, with various examples. Determination of relative linear and angular velocities of points in lever and slider crank chains. Velocity and acceleration diagrams in general. Graphical and analytical determination of relative velocity of piston and crank pin in reciprocating engine. Problems upon the same. Acceleration of piston — analytical method and Professors Klein's and Dunkerley's graphical methods, with proofs of same. Relative velocities of parts of the oscillating engine, with examples. Quick return motions, with example. Velocity of rubbing of crank pin for reciprocating and oscillating engines. Crank effort diagrams for reciprocating engine. Effect of obliquity of connecting rod. Compound and triple expansion engines. Correction of indicator diagrams for inertia in reciprocating and oscillating engines. Examples. Kinetic energy of rotation. Method applied to finding radius of gyration of connecting rod. Balancing the single cylinder engine. Graphical method (force and couple polygons) for balancing compound and multiple expansion engines. Locomotive balancing. The double slider crank chain. Inversion of double slider crank chain. Rapson's slide. Oldham's coupling. Parallel motions — Scott-Russell's, Watts'. Approximate parallel motions based upon the lever-crank and slider-crank chains. Peaucellier and Brickard's exact parallel motions with turning pairs. The beam engine. Higher pairing. Spur wheel trains by method of virtual centres. Cycloidal and involute teeth. Annular gearing. Virtual centres in compound spur wheel trains. Reverted trains. Epicyclic trains. Reverted epicyclic trains. Sun and planet motion. The capstan. Weston's triplex pully block. The drilling machine. Change points. Constrainment of motion by rolling of centrodes. Rolling contact. Constant and varying angular velocity-ratio with pure rolling contact. Rolling ellipses and logarithmic spirals. Limits of velocity-ratio mutually reciprocal. Lobed wheels. Contraction of angles. Non-circular gearing in general. The shaping machine problem. Limits to diameter of generating circles in spur and annular gearing. Construction tooth profiles. Direct methods. Approximate constructions. Theory and use of Willis's and Robinson's odontographs. Worm wheels. Determining shape of teeth. Cams. Determination of profiles. Examples of the heart-shaped cam, the stamp mill, and gas engine cams. Cams of constant breadth. Velocity-ratio in cam trains. Ratchet trains and escapements. Spheric motion. The conic quadric crank chain. Friction. Derivation of formulæ for journal and pivot friction. The friction circle. Effect on turning effort in reciprocating engine. Friction in toothed gearing and belt and rope gearing.

TEXT BOOK.—"Kinematics of Machines"—Durley.

REFERENCE BOOKS—"Applied Mechanics"—Cotterill; "Mechanics of Machinery"—Kennedy; "Principles of Mechanism"—Robinson; "Velocity Diagrams"—MacCord; "Kinematics of Mechanical Movements"—MacCord; "Balancing of engines"—Dalby.

36. Applied Mechanics (iii).

Same as for B.Sc. Degree, subject 36.

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 cerrusite, galena, kaolin, and furnace products as mattes and slags. Estimation of gold and silver in auriferous and argentiferous ironstone, quartz, pyrites, arsenical and antimonial and metallurgical products by both dry and mixed wet and dry methods. Estimation of tin in the dry way in tin ores. Effect of different metals and furnace conditions on cupellation and scorification. Dry assay of bullion. Check assaying.

76. Assaying (ii).

METALLURGY COURSE.

The course will consist of the following estimations:—Acidimetry and alkalimetry. Determination of—Copper. Iron in various ores and slags. Copper and iron in copper pyrites. Estimation of lime in slags and limestone. Determination of manganese in ores, slags, and metals. Determination of lead in ores, slags, &c. Zinc by various volumetric processes. Preparation of pure gold and silver and assay of gold and silver bullion by dry methods. Assay of 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 cyanides and cyanogen and the technical analysis of working solutions from the cyanide process of extracting gold. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and chalcopyrite involving separations and the use of volumetric and gravimetric estimation of the constituents. Complete analysis of various metallurgical products. Analysis of typical commercial metals and alloys.

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 alkalinity. 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.

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. Brick drains and sewers. Joints and fastenings for wood-work. Roofs. Floors. Partitions. Doors. Windows. Stairways. Sections of rolled steel used in building construction. Steel building construction for machine shops and factories. American fireproof buildings.

Foundations. Excavation. Piling.

The properties of building materials, as brick, stone, lime, mortar, cement, concrete, &c.

The physical properties of timber. Influence of time, felling, seasoning, etc., upon strength and durability. Methods of seasoning. Preservation of timber.

TEXT BOOK.—Mitchell's "Elementary Building Construction."

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.

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. Drawing—Descriptive Geometry.

This course includes problems in envelopes, shades and shadows, interpenetration of solids and oblique projection. Taken at the School of Design.

85a. Electrical Engineering

FELLOWSHIP I.

An introductory set of lectures to the Electrical Engineering Fellowship II. Course, taken also by students in Mining and Mechanical 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.
Electrical Engineering: Measuring Instruments.—Parr.

LECTURES.

Units. Potentiometer. Instrument calibration. Lamps—Incandescent and arc. Accumulators.

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. 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
II. Alternating Current } S. P. Thompson.

Journals, such as, Proceedings of Institute of Electrical Engineers Electrician; Electrical Review, &c.,

LECTURES.

These lectures will be 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, auto-transformers, synchronous and induction motors, etc., polyphase currents, fundamental principles and application to generators, motors, rotary converters, frequency converters, 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.

An optional paper of higher standard than the pass papers will be set at the final examination for classification.

PRACTICAL WORK.

Characteristics of D.C. dynamos and motors, separately excited, series, shunt, compound, and over and under compounded.

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, grouping of transformer coils in polyphase systems, 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.

Centreing work for the lathe, grinding lathe tools, turning with hand tools, turning with slide rest.

Various chucks and devices for chucking.

Boring in the lathe, other means of boring drills and drilling machines.

Machining surfaces in the shaping, planing, and milling machines, etc.

Each student should provide himself with the following tools:—One steel rule, 1 x 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. Hydraulics.

The laws governing the flow of water through orifices, over weirs, along pipes and open channels.

The principles controlling the construction and working of water wheels turbines, and centrifugal pumps.

Text-books:

Merriman—Treatise on Hydraulics.

90. Machine Design (i).

The design of the individual parts of machinery, including bolts, nuts, keys, cotters, screws, pipes and pipe joints, riveted joints, shafting, couplings, journals and bearings, belt and rope-gearing pulleys, friction, and toothed gearing.

Details of the Steam Engine.—Cranks, eccentrics, connecting rods, crossheads and guides, pistons, piston-rods, cylinders, stuffing boxes, valves, and valve-gearing link-works, fly wheels, governors.

The design of steam boilers.

Text-book: "Machine Design." Spooner.

Reference Books: "Elements of Machine Design." Unwin.

91. Machine Design (ii.).

Advanced Problems in Machine Design.—Students will design and make complete working drawings of parts of machinery, as far as possible, without the aid of the instructor.

92. Machine Design (iii).

The design of some more complicated machine, complete working drawings of which will be made, as far as possible, without the aid of the instructor.

93. Mechanical Engineering (i).

The transformations of energy in furnace, boiler, and steam engine. Relation between heat energy and mechanical work. Joule's equivalent. The British thermal unit. Dry, wet, saturated, and superheated steam defined. Steam tables.

THE PRODUCTION OF STEAM.—Externally and internally fired boilers. The plain cylindrical and return tubular boilers described and compared with the Cornish, Lancashire, and Galloway. Boiler setting. Boiler fittings. Safety valves. Gauge glasses. Stop valves. Clack box. Fusible plugs. Disengagement area. Priming. Foaming. Forcing. Quick and slow steaming. Heating surface and grate area. Combustion. Formation of smoke and its prevention. Combustion chambers. The burning of anthracite and bituminous coals. Oil and gaseous fuels. The unit of evaporation. Evaporative capacity. Boiler horse-power. Efficiency of furnace and boiler. The formation of boiler scale, its prevention and removal. Effects of scale. Sectional or water-tube boilers. Description of Babcock and Willcox, Heine, Stirling, Belleville, Thornycroft, and Yarrow boilers. Priming and anti-priming boilers. Fire-tube boilers. Description of vertical, locomotive, and the Scotch and Admiralty boilers. Comparison of water-tube and fire-tube boilers as regards danger and effects of explosion, temperature strains, disengagement area, priming, forcing, circulation, formation of scale, efficiency of heating surface, evaporative capacity, portability, repairs, weight, cost, etc.

THE STEAM ENGINE.—Nominal, indicated, and brake-horse power. Mechanical efficiency. Reciprocating and rotary engines. Detailed description of parts of a simple reciprocating engine, including cylinder (jacketed and unjacketed), pistons (plate box, conical, and spider and follower), piston packings (snap rings, spring rings, and steam packing), stuffing boxes for soft and metallic packings. Requirements of a good packing material. Various types of cross heads. Piston rods. Connecting rods. Loose and fixed strap ends, box ends, and marine connecting rod. Overhung and centre cranks. Crank shafts, solid and built up. Crank shaft bearings. Composition and use of anti-friction metals. Cylinder insulation. Insulating properties of various substances. Clearance. Advantages and disadvantages of clearance. Comparison of functions of fly-wheel and governor. The eccentric. Action of the simple slide valve. Lap lead and angular advance. Valve setting. The Meyer valve, gear. Relief frames. Double ported valve. Trick valve. Piston valve. The Porter-Allen engine with divided valves. The cornish cycle and use of equilibrium valve. The Corliss engine, Richardson's trip gear. High speed engines. Reversing gears. Stevenson's link motion and Joy's valve gear. Governing by throttling and by variation of cut-off. Centrifugal governors. The Watt (open and cross-armed), Porter, Hartnell, and Pickering governors described and compared. Inertia and resistance governors.

Jet, surface, atmospheric, and ejector condensers described and compared. Cooling towers. Feed water heaters. Feed pumps and injectors. Steam separators and superheaters. Oil filters. Reducing valves. The Richards, Crosby, Thompson, Tabor, Darke, Elliott Bros., outside spring, and the Wayne indicators described. Comparison of ideal and actual indicator diagrams. Interpretation of indicator diagrams.

THE STEAM TURBINE.—Impulse and reaction. Description of De Laval, Riedler-Stumpf, Rateau, Curtis, Parsons, and Schulz turbines. Comparison of the steam turbine and reciprocating engine as regards mechanical efficiency, size, foundations, balancing, fluctuation of speed, overloading, condensation losses, internal friction and lubrication, lubrication of bearings, use of high superheat and high vacuum, material stresses, steam economy, and cost of manufacture and supervision.

GAS AND OIL ENGINES.—The Lenoir, Hugon, and Otto and Langen engines described, and the causes of their low efficiency investigated. The Beau de Rochas, or Otto cycle, explained. Description of some modern engines using this cycle, *e.g.*, the Otto, Crossley, Stockport, and Tangye. Description of the Priestman and Hornsby-Akroyd oil engines. General comparison of internal and external combustion engines.

NOTE.—The above course is essentially descriptive and explanatory, and is fully illustrated by lantern slides.

94. Mechanical Engineering (ii).

ENGINEERING WORKSHOP PRACTICE.—A description of tools and appliances used in engineering workshops. Various operations such as moulding, casting, forging, etc. Machine tools. The method of construction of the various parts of a steam engine and boiler.

Text Book—"A Text Book of Mechanical Engineering"—Lineham.

AN ADVANCED COURSE ON THE STEAM ENGINE.—The thermo-dynamics of the steam engine. Entropy temperature diagrams. The indicator diagram. Effects of wire-drawing, clearance, compression, initial condensation, and re-evaporation. Steam-jacketing. Superheating. Compounding. Condensers.

THE MECHANICS OF THE STEAM ENGINE.—Valves and valve gearing. Valve diagrams. Link motions and radial gears. Governors. Fly-wheels. Diagrams of crank effort. Influence of reciprocating parts. Balancing. Engine fittings. Lubrication and lubricants.

THE PRODUCTION OF STEAM.—Different types of boilers, their uses and efficiencies. Combustion. Mechanical stokers. Feed-water heaters. Superheaters. Feed-pumps Injectors. Chimneys. Mechanical draught and smoke prevention. Corrosion and cleaning of boilers.

Text Books—"The Steam Engine".—Holmes; "The Steam Engine and other Heat Engines"—Ewing.

Reference Books.—"A Text Book on Steam and the Steam Engine"—Jamieson; "Thermo-dynamics of the Steam Engine"—Peabody; "The Heat Efficiencies of Steam Boilers"—Bryan Donkin; "Lubrication and Lubricants"—Archbutt and Deeley.

95. Mechanical Engineering (iii).

This course includes the consideration of special types of steam engines, gas, oil, and air engines, refrigerating and compressed air machinery, and pumping machinery.

96. Mechanical Engineering (iv).

This course includes triple and multiple expansion engines. Locomotive engineering. The testing of steam engines and boilers. The design of windmills, water-wheels, and water and steam turbines.

97. Metallurgy (i)—Theoretical.

Introductory.

Definition and Scope of Metallurgy.—History. Physical properties of metals and characteristic examples. Simple testing machine.

Explanation of Terms used.—Ore, Gangue, Dressing, Calcination, Roasting, Smelting, Liquation, etc.

Slags and Fluxes.—Principle of selection and general properties of chief types.

Refractory Materials employed in the construction of furnaces, crucibles, and retorts. Their general properties and composition. Firebricks, Crucibles.

Furnaces.—Chief types of hearths, kilns, blast and reverberatory furnaces. Means of supplying air to furnaces. Blowing engines and blowers.

Fuel.—Classification :—I. Natural fuels—Coal—Character, composition, and uses of various kinds. II. Prepared fuels—Compressed and dried fuels. Carbonised fuels—Charcoal burning. Coke.—Properties and composition. Preparation of coke. Coke ovens. Construction and mode of working Beehive, Coppee, and Simon-Carves ovens.

Iron and Steel.

Iron.—Physical properties. Red and cold shortness, welding. Classification of iron and steel with special reference to carbon. Ores of Iron.—Characters, composition, and comparative value. Chemical reactions of reduction of iron from its ores. Direct production of wrought iron. Construction of modern blast furnaces. Simple forms of hot blast stoves. Working of a hot blast furnace. Products of blast furnaces, working and utilisation of same. Classification of pig iron. Properties and approximate compositions.

Wrought Iron.—The modern "pig-boiling" process. Working of a charge. Principles of the process. Production of "puddled bar." Merchant iron, rolls used. Re-heating furnace.

Steel.—Physical properties. Hardening, tempering, and annealing. Cementation process. Furnaces and materials used. Blister steel and shear steel. Crucible cast steel. The Bessemer Process.—Principles of the process. Converters. Acid and basic process. Products. The Open-hearth Process.—Furnaces, acid and basic linings. Products.

Gold, Silver, Copper, Lead, Zinc, Tin, Mercury.

Gold.—Physical properties. The occurrence of gold and general nature of ores. Classification of processes. Stamp Milling.—Chief parts of plant. Products and treatment of same. Retort furnace. Chlorination.—Simple roasting furnaces. Chlorination and precipitation vats. The Cyanide Process.—Refining and parting gold bullion. Principles on which the process depends. Parting by sulphuric acid. Miller's chlorine process. Recovery of silver from fused silver chloride.

The metallurgy of gold will be dealt with more fully than that of the other metals included in this course.

Silver.—Physical properties. AgCl and its solvents. Ores of silver. Principles and chief reactions on which the processes for the reaction of silver from its ores are based. Smelting silver ores with copper and lead ores will be treated under lead and copper. Extraction by pan amalgamation. Outlines of the Ziervogel and Augustin process, appliances used.

LEAD.—Physical properties. Lead oxide, its formation and properties. Ores of lead. Characters and chemical composition. Reactions of lead smelting. Flintshire process. Furnace used and nature of products. Treatment of "grey slag." Smelting in blast furnaces. Roasting lead ores. Water-jacketed smelting furnaces. Hard lead. Softening hard lead. Extraction of silver from lead. Furnaces and appliances. Nature and treatment of products. Pattinson's process. Parke's process. Cupellation by the English process. Alloys of lead.

COPPER.—Physical properties. "Dry," "tough" and overpoled copper. Ores of copper—Characters, composition, and relative value. The chemistry of copper smelting and refining. Calcination in heaps, stalls, and simple furnaces. Smelting in reverberatory furnaces. The Welsh process. Production of coarse metal, white metal, and blister. Slags and their treatment. Furnaces employed. Smelting in blast furnaces Outlines of the process. Copper refining in reverberatory furnaces. Copper alloys.

ZINC – Physical properties. Ores of zinc. Characters and Chemical composition. Methods of extracting zinc. Furnaces, retorts, and condensers used. Preparation of ores. Belgian process. Silesian process. Zinc alloys.

TIN.—Physical properties. Ores of tin. Principles of tin smelting. Cornish method of smelting. Products. Refining tin. Liquation. Boiling "Tossing." Alloys of tin.

MERCURY.—Physical properties. Ores. Chemical reactions. Old Almaden Aludel furnace. Amalgams—Mercury and silver; gold; copper.

The above syllabus will be followed and the lectures will treat of each subject in a general way without great detail.

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. Preparation of standard solutions of sodium carbonate, sulphuric acid, caustic soda and silver nitrate. 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. Roasting the ore. Treatment of the roasted ore with chlorine. Assay for gold of the solution resulting from the treatment of the ore.

Chloridising roasting of ores containing copper. Experiments to ascertain the proper percentage of raw pyrites and the minimum quality of salt which must be added before roasting. The influence of sulphur and ferric oxide in the roasting operation.

Chloridising roasting of silver ores. Lixiviation by hyposulphite of soda. Assay for silver of the solution resulting from the lixiviation of the ore.

Sulphatising roasting of mattes. The sulphatising action of ferrous sulphide. Formation of sulphate of silver and metallic silver on roasting sulphide of silver. Sulphatising metallic silver by ferrous sulphate. Sulphatising metallic silver by cupric sulphate.

Dissociation of cupric sulphate increases the formation of sulphate of silver from sulphide of silver.

Preparation of pure silver. Preparation of pure gold. Assay of gold and silver bullion.

Preparation of various silicates. Fusing point of various silicates.

99. Metallurgy (ii).

Section I.—Introductory.

Selection of fluxes for ordinary smelting operations. Constitution, classification, and fusibility of silicates. Economic application of slags. Calculation of furnace charges. Composition of refractory materials and the methods of testing them. Calorific intensity of fuel. Calorific power of fuels and its measurement. Composition and the general character of the various kinds of fuel. Construction and the mode of working the chief types of modern coke ovens. Utilisation of the bye products. Semet-Solvay and Otto Hoffmann ovens. Gaseous fuels—Natural, artificial, Siemens Wilson, Mond producer with recovery of bye products, water gas producers. Methods of measuring high temperatures. Electric resistance and thermo-couple pyrometers. Automatic recording pyrometers.

Metallurgy of Copper.

Impurities in copper and their effects on its physical properties. Preparation of ore for smelting. Modern automatic calcining furnaces. The modern Welsh process of smelting. Blast furnace smelting. Modern American water-jacketted furnaces—working and products. Machine for producing the blast. Pyritic smelting. Bessemerising of copper mattes. Converters and appliances used. Products. The Best-selecting process. Kernel roasting. Combined blast, converter, and reverberatory methods practised in modern plants. The Nicholls and James "direct" wet process. Electrolytic refining of copper and the recovery of the precious metals. Varieties of commercial copper.

Metallurgy of Lead.

Comparison of the chief methods of smelting, their respective advantages, and the nature of the ores that can usually be treated by each. Outlines of the old Cornish process. (Flowing furnace.) Shaft furnace smelting. Calculations of the charges. Typical slags. Brick and water jacketted furnaces, advantages of each. Lead fume. Character and approximate composition methods and apparatus for condensation. Treatment of lead fume. Pattinsonisation by steam. Parke's process details. Modification of Parke's process. German method of cupellation. Comparison with the English method. Manufacture of sheet lead, pipe, and shot. Precautions against lead poisoning in works. Commercial lead and its impurities. Autogenous soldering.

Metallurgy of Gold.

Influence of various impurities on the physical properties of gold. General arrangement of a stamp mill. Construction of the stamp battery. Amalgamated plates. Frue vanner and its uses. Amalgamation in mills. The Huntington mill. Amalgamation in pans. Causes of loss of mercury and gold, and the precautions adopted to minimise them. The Boss continuous process. Chlorination process in vats and barrels. The process used at Mount Morgan. The cyanide process. Ores and tailings suitable for the process. Treatment of slimes. Appliances used. Use of bromine in the process. Precipitation of the gold by zinc and by electrolysis. Treatment of the precipitate to obtain gold bullion. Cripple Creek and West Australian practice in treatment of tellurides. Parting gold bullion by nitric acid. Alloys of gold.

Metallurgy of Silver.

Preliminary preparation of silver ores by roasting. Construction of modern mechanical roasting furnaces. 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. Extraction of silver from metallic copper by treatment with sulphuric acid and by electrolytic methods.

METALLURGY OF MERCURY.

Modern methods of smelting and purification.

METALLURGY OF ALUMINIUM.

Physical properties and most important uses of the metal. Extraction by modern electrolytic methods. Uses of aluminium as a reducing agent. Other applications in metallurgical processes. Alloys containing aluminium.

METALLURGY OF IRON AND STEEL.

CAST IRON.—Modes of existence of carbon in grey, mottled, and white. Grading of pigs. Influence of carbon, phosphorus, sulphur, and silicon on iron. Cowper and Whitwell hot blast stoves Slags. Blast furnace smelting. Utilisation of the furnace gases. Conditions under which various elements are reduced in the blast furnace. "Special" irons Melting pig iron in cupolas. Chill castings. Malleable castings.

WROUGHT IRON.—Theory of the "pig boiling" process. Reheating and puddling furnaces fired by gas. Chief varieties and sections of merchant iron.

STEEL.—Materials suitable for various steel-making processes. Open hearth steel castings. Means of preventing unsoundness in these castings. Composition, physical properties, and uses of the various kinds of steel. Case hardening. "Harveyising" armour plates. Special steels—Manganese steel, chrome steel, nickel steel, tungsten steel; uses, composition, and manufacture of each. Ship plates, boiler plates, tin plates, joists, rails, nickel steel armour plates.

METALLURGY OF NICKEL AND COBALT.

ORES.—Properties of the metal. Dry methods of extraction from Canadian and New Caledonian ores. Furnaces and appliances used. Production of nickel. Copper alloy and metallic nickel. Wet extraction from arsenical ores and speise and separation of cobalt. Mond's nickel-carbonyl process. Electroplating. Alloys and applications of the metals. Smalts.

METALLURGY OF PLATINUM.

Ores and occurrence of platinum. Extraction and separation of metals usually associated with platinum. Melting and refining.

METALLURGY OF ANTIMONY.

Properties. Impurities in the commercial metal. Liquation stibnite. English and French processes for extraction. Refining. Uses.

METALLURGY OF ARSENIC.

Preparation of white arsenic and metallic arsenic. Uses of the metal.

METALLURGY OF BISMUTH.

Ores and metallurgical products containing bismuth. Wet and dry methods of extraction. Purification. Impurities in the commercial metal. Alloys of bismuth.

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.

101. Mining (ia).

The modes of occurrence of minerals. Classification of ore deposits. Faults and dislocations. Schmidt's law and Zimmerman's rule.

Methods of prospecting for minerals.

Boring with the diamond and calyx drills. The American system of boring by percussion.

Breaking ground. Hand tools. The use of machinery for breaking ground. The transmission of power to working places. Air compressors. Machine drills driven by compressed air or electricity. Explosives and blasting. Driving and sinking.

The methods of supporting excavations. Timbering levels, shafts, and working places. Masonry, steel, and other supports.

Methods of exploitation. Open cut. Hydraulic mining. The mining of beds. Extraction of narrow and wide veins and masses.

Special processes for sinking through watery strata. Boring, compressed air, and freezing methods.

Underground transport. Tramways. Trucks. Power used for underground transport. Various systems.

Transport above ground. Aerial ropeways.

Winding machinery. Windlass. Whips. Horse whims. Winding engines and drums. Pulleys and poppet-heads. Ropes, chains and attachments. Buckets and cages. Keps, guides, signals, safety appliances, detaching hooks, safety catches, automatic stopping gear. Electric hoists.

The drainage of mines. Underground dams. Drainage tunnels. Baling. Systems of pumping. The Cornish system. Lift and plunger pumps, pump rods, columns, balance bobs. Steam pumps and arrangements, various types. Underground pumps worked by compressed air. Pulsometer. Air-lift pumps. Centrifugal pumps.

The ventilation of mines. Causes of pollution of air in mines. Natural ventilation. The laws governing the flow of air in mines. Means of assisting natural ventilation. Furnace ventilation. Systems of mechanical ventilation. Centrifugal fans and blowers. Measuring the flow of air.

The lighting of mines.

The descent and ascent of miners. Ladders and ladder ways. Hoisting men in buckets or cages.

Mining plans.

Text-book—Ihlseng and Wilson; "Manual of Mining."

102. Mining (iia).

This course will be an extension of that mapped out in Mining (Ia), with the following additions:—

Coal Mining. Methods of mining, and the theory and practice of ventilation.

Mine Economics. The sampling of mines and the principles of valuation. Mine book-keeping.

Mining Law. The elements of the mining laws of the Australian States.

Mining Methods. The principles of ore-extraction outlined in Mining (Ia), treated with greater detail.

Mine Surveying. The making and use of mine plans. The calculation of dump capacity of ground, etc.

Various problems will be chosen from such subjects as pumping, winding, methods of handling ore, the design of surface works, etc., and students will be required to prepare drawings from their own designs.

Text-books—"A Manual of Mining": Ihlseng and Wilson; "Principles of Mining": Hoover.

103. Mining. (ib) (Ore Dressing)

ROCK BREAKERS.—The Blake, Dodge, and Gates types. Details of construction, capacity, power and cost, and general comparisons.

CRUSHING ROLLS.—Descriptions of different types. Close and spaced rolls. Effect of speed upon capacity and character of crushed product. Power required.

THE STAMP MILL.—Detailed descriptions of typical constructions of the various parts. Battery frames and foundations. Comparisons of different designs. The use and economy of automatic feeders. Steam stamps.

The Arrastra, Chilian mill, Huntingdon mill, Griffin mill, Ball mills, Tube mills, Heberli grinders, grinding and amalgamating pans, Berdan pans.

General comparisons of the cost and character of the reduction effected by different machines.

SCREEN SIZING.—Grizzlies. Flat shaking sieves. Revolving trommels.

HAND SORTING.

HYDRAULIC CLASSIFICATION.—Spitzkasten and Spitzlutten. Slime separators. Laws of classification by free settling in water.

JIGS.—Description of types. The Hartz, May, Hancock, and others. Character of the action of jigs. The effect of interstitial currents and suction. Richard's experiments.

CONCENTRATING TABLES.—General laws. The Wilfley table, Frue vanner, Luhrig vanner, canvas tables, buddles, etc.

MAGNETIC SEPARATION and other special processes.

Elevators, launders, bins.

Application of principles to the consideration of general mill schemes. Discussion and description of actual mills.

Text-book—R. H. Richards, "A Text-book of Ore Dressing."

REFERENCE BOOKS.—R. H. Richards: "Ore Dressing"; Louis: "Gold-Milling."

103a. Mining. (iib) (Ore Dressing.)

A course of lectures will be given, but a considerable part of the time will be devoted to making drawings illustrative of the work in hand.

The principles of the processes described in Mining (Ib), Ore Dressing, will be discussed in greater detail, and selected processes will be fully described to illustrate these principles further.

The problem of finding a method of treatment for a particular ore will be discussed in detail.

Text-book—"A Text-book of Ore Dressing": Richards.

104. Pattern-Making.

The use of the various tools used in pattern-making and moulding, including the wood-turning lathe. Each student will be required to make finished patterns of simple parts of machine castings, and also to construct skeleton patterns and sweeps for loam moulding.

105. Railway Engineering.

A course of lectures is given annually.

Fee for the course, £2 2s., or 14s. per term.

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. 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.

REFERENCE BOOKS.—Railway Location: A. M. Wellington Railway Construction: W. H. Mills; Manual of Locomotive Engineering Pettigrew and Ravenshear.

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.

106. Surveying and Levelling.

Subject defined. Measurement of distance. Gunter's chain, its used and defects. Steel tapes. Chaining on sloping ground. Conditions necessary for accurate work. Effects of temperature and sag, and corrections for the same. Tension required to eliminate sag. Base line measurements by standard bars and by wire ribands. Reduction to mean sea level. Stations and station lines. Field notes. Perpendicular offsets by chain, cross-staff, optical prism, and optical square. Oblique offsets. Chaining past obstacles. Chain surveying by triangulation. Tie lines. The magnetic needle. Magnetic declination. Isogonic and agonic lines. Daily and secular variation. Magnetic storms. Local attraction. Magnetic and true bearing. Azimuth. The compass. Dip of needle and use of counterpoise. Influence of shape and method of support of needle upon its sensitiveness and reliability. The prismatic compass. Surveying with the compass. Elimination of local attraction. The miner's dial. Dialling. Construction of the theodolite. The vernier. The telescope. The reticule. Replacing broken cross wires. Examining the telescope for spherical and chromatic aberration. The achromatic lens. Parallax. The Ramsden eyepiece. The erecting and diagonal eyepieces. Adjustments of the transit and Y theodolites. Index error of the vertical circle. Elimination of instrumental errors in the measure

ment of angles. Eccentricity of verniers and of centres. Elimination of errors of graduation by repeating. Running a straight line. Setting out curves. The transition curve. Traversing by orientation and by deflection angles. Reducing the survey. Calculation of reduced bearings, latitudes and departures of courses, and total latitudes and total departures of stations. Use of traverse tables. Error of closure. Balancing the survey. Plotting the survey with protractor and by co-ordinates. Computing area of closed traverse by latitudes, departures, and meridian distances, and by rectangular co-ordinates. Correction to computed area for erroneous length of chain Formulæ for computing areas between station lines and irregular boundaries. Supplying missing data in a closed traverse. Problems on the subdivision of land. Stadia measurements. The Y and dumpy levels and their adjustments. Levelling. Corrections for curvature of the earth and for refraction. Elimination of errors of curvature, refraction, and collimation adjustment in the field. Bench marks. Allowable error. Reduced levels. Section levelling. Cutting and filling. The prismoidal formula. Area of three level section. Contouring large and small areas. Contour maps. Measurement of volumes for building sites, open cuts, reservoirs, grading, &c. Tunnelling. Surveying underground. Connecting underground and surface surveys. Mine survey problems. Mine plans. Definition of some astronomical terms. Altitude. Azimuth. Zenith distance. Declination. Hour angle. Right ascension. Mean and apparent time. Equation of time. Solar and sidereal time. Local time. Calculation of time of culmination of circumpolar stars. Simple determinations of latitude and longitude and location of the meridian.

108. Woodworking.

This is 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. It is intended as an introductory course to pattern-making.

THE FACULTY OF LAW.

ORDINARY SUBJECTS.

1. LAW OF PROPERTY (Part I.)—(**110**).

(*a*) Principles of the Law of Real and Personal Property.
(*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; Settled Estates Acts, 1880 and 1889; Partition Act, 1881; Estates Tail Act, 1881; Real Property Act, 1886,
(*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:—

Jenks' Modern Land Law.

2. LAW OF PROPERTY (Part II.)—(**111**).

(*a*) The following special subjects: Terms of years, Mortgages, Title, The Modern Conveyance, Trusts, Bills of Sale, Administration of Deceased Persons' Estates, Married Women's Property, Insolvency, and Companies.

(*b*) The following Statutes:—

The Distress for Rent Act, 1888.
The Landlord and Tenant Act, 1893 (No. 580).
The Trustee Acts, 1893 and 1907.
The Administration and Probate Acts, 1891 and 1904.
The Real Property Act, 1886.
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.

Text-books:—

Williams' Real Property
Williams' Personal Property
Strahan and Kenrick—Digest of Equity
} The parts relating to the special subjects.

3. LAW OF CONTRACTS—(**112**).

(*a*) General Principles

(*b*) The Law as to the Sale of Goods, Negotiable Instruments, Agency, Partnership, Suretyship, Bills of Lading, Insurance, and Bailments

(*c*) The following Statutes:—

Married Women's Property Acts, 1883-4, 1898, 1902 (so far as they relate to Contracts)
Bills of Exchange Act, 1909 (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
Workmen's Compensation Act, 1911.
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
Manufacturing Districts Act.

(*c*) Criminal Law, so far as it relates to the following indictable offences:—Treason, Treason-felony, Rioting, Forcible Entry, Sedition, 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.

NOTE.—The Law of Torts and the Law of Crimes are distinct subjects; and Students are required to pass in each at the same examination.

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 1879, 1884, and 1893.
Intercolonial Debts Act, 1887.
Creditors' Remedies Act, 1880.
Service and Execution of Process Act, 1901 (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*) Outlines of the Constitutional History of England
(*b*) Elements of English Constitutional Law
(*c*) Relations of the Crown and Imperial Parliament to the Colonies and Dependencies
(*d*) The Constitution of South Australia
(*e*) The Constitution of the Australian Commonwealth
(*f*) 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 1915.

(*a*) The historical development of Roman Law
(*b*) The Roman Law under Justinian
(*c*) The Law of Obligations

Text-books:

Gibbon's Decline and Fall of the Roman Empire, chap. 44.
Moyle's Imperatoris Justiniani Institutiones, Liber III., 13-29; Liber IV. 1-5.
Sohm's Institutes of Roman Law, omitting Book II., 2 (Law of Procedure) and Book III.

Books of reference:

Hunter's Roman Law.
Girard's Droit Romain.

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 1915.

Text-books:

Brown's Austinian Theory of Law, and The Underlying Principles of Modern Legislation.
Bentham's Theory of Legislation, pp. 1-158.

Books of Reference:

Salmond's Jurisprudence.
Green's Principles of Political Obligation.

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 1914.

Text-books:

Dicey's Conflict of Laws.
Nelson's Cases in Private International Law

Book of reference:—

Westlake's Private International Law.

NOTE.—The following course of study is suggested to candidates or 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.

It is recommended that candidates for the Degree of Bachelor of Laws should not enter into Articles until after the completion of their first year's course at the University.

FACULTY OF MEDICINE.

FIRST YEAR.

120. Elementary Anatomy.

Fee for the Course, £8 8s.

I. Descriptive Anatomy.

Bones, Joints and Muscles, illustrated by osteological specimens and recent dissections.

Text-books recommended :

The Student's Cunningham.
Anatomy, Descriptive and Surgical : Gray; or
Elements of Anatomy : Quain.

II. Practical Anatomy.

Daily attendance in the Dissecting Room from 9 to 5, except at lecture hours and on Saturday afternoons.

Text-books recommended :

Practical Anatomy : Parsons & Wright ; or
Manual of Practical Anatomy : D. J. Cunningham.

67. Physiology.

This course of Physiology will extend over four terms, viz.:— the three terms constituting one academic year, and the first term of the following year. It will comprise the subject matter of the most recent editions of Halliburton's Handbook of Physiology, Schäfer's Essentials of Histology, Halliburton's Essentials of Chemical Physiology, and the Professor's Lectures.

Students are required to attend :—

1. The Professor's lectures, the complete course of which will extend over the first and second terms of one year and the first term of the following year. Fee, per term, £2 2/.
2. A practical course of Histology which will be held during the terms in which the Professor's lectures are delivered ; for this course every student must provide himself with a suitable microscope that shall be subject to the approval of the Professor. Fee, per term, £3 3/.
3. A practical course of Physiological Chemistry, which will be held during the third term in each year. Fee, for the course, £3 3/.

Practical Examination.

Each candidate must be prepared (1) to make, examine, and describe microscopical specimens of animal tissues and organs. (2) To show a practical acquaintance with the chemistry of albumin and its allies, milk, the digestive juices and their actions, blood, urine, glycogen.

Also to show a practical acquaintance with the most important apparatus used in studying the physiology of muscle, nerve, the circulatory and respiratory systems.

Text-books recommended:

The latest editions of
Handbook of Physiology: Halliburton.
Essentials of Histology: Schäfer.
Essentials of Chemical Physiology: Halliburton
Essentials of Experimental Physiology: Brodie.

Organic Chemistry.

Fee for the course, £8 8/.

Subject No. 51—vide page 197.

Physical Chemistry.

Fee for the course, £1 1/.

Elementary Physical Chemistry: being the first terms lectures only of Theoretical Chemistry, Part I. 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.

This Course includes the subjects prescribed for the First Year, and in addition

Description of the vascular and nervous systems, organs of special sense and other viscera.

Text-books recommended, the same as for the first year.

II. Practical Anatomy.

Daily attendance in the Dissecting Room from 9 to 5, except at lecture hours and on Saturday afternoons.

Text-books recommended:

In addition to those set out in the First Year,

Anatomy, Descriptive and Surgical: H. Gray.

67. Physiology.

Fees—Physiology, £2 2/; Histology, £3 3/.

This course will extend over the first term 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:

Notes on Pharmacy: Rothera.
Materia Medica: Hale White.

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 (eighth ed., 1912),

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) may also be consulted.

The instruction in Practical Surgery will include—

The application of splints, bandages, &c.

Text-books 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:

The Student's Cunningham.
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, B.A., M.B (Clar. pr.).

Anatomy, Descriptive and Surgical: H. Gray.

128. Pathology.

Fee for the Course, £2 2s.

The course includes

I. Lectures on General Pathology.

1. Retrograde tissue changes:
   Atrophy, degeneration, and necrosis.
2. General tissue reactions:
   Inflammation, repair, and hypertrophy.
   Morbid tumours and new growths.
3. General circulatory derangements, arterial and venous hyperaemia, dropsy, haemorrhage, embolism, and thrombosis.
4. Animal parasites in man.
5. Lectures on special pathology, including the more important morbid conditions that may affect the principal organs and tissues.

Text-books recommended:

Green's Morbid Anatomy, ed. Bosanquet.

Beattie & Dixson's Pathology— 1. General, 2. Special.

II. Practical Work.

THIRD YEAR.

A. Clinical and Microscopic Pathology.

Practical classes will be held at the Laboratory each Wednesday, from 2 to 4 p.m. All third year students are to attend.

This course will consist of the examination of

I. Fluids of the body—

Urine, blood, gastric contents, cerebro-spinal fluids; Morbid exudates—pleural, peritoneal, etc.

II. Tissues—

1. General—
   - A. Degeneration and necrosis.
   - B. Inflammation — acute, suppurative, chronic, syphilis, tubercle.
   - C. New growth—
     - *a.* Malignant—carcinoma (epithelioma, etc.), sarcoma.
     - *b.* Benign—papilloma, lipoma, fibroma, etc.
2. Special tissues—

Renal, uterine (including scrapings), hepatic, cardiac, vascular, lymphatic, etc.

The above list merely includes general headings, and may be altered either in order or nature.

Text-books recommended:

Morbid Histology: Grünbaum (Longmans).
Clinical Methods: Hutchison & Rainy (Cassell's).

THIRD AND FOURTH YEARS.

B. 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 at the autopsy. Each student must attend at least forty autopsies per annum during the third and fourth years.

Books recommended:

Beattie & Dixson's Pathology—1. General, 2. Special

Green's Pathology, 11th edition: ed. by Bosanquet. (Pub. by Baillière, Tindall, & Co.)

129. Elementary Bacteriology.

Fee for the Course, £3 3s.

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, and actinomycosis, etc.

Text-book recommended:

A Manual of Bacteriology (Fifth or later edition), Muir & Ritchie.

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.

Lectures on the Principles and Practice of Surgery.

Fee for the Course, £5 5s.

133. Lectures on Clinical Surgery.—Dressership.

Fee for the Course, £2 2s.

134. Obstetrics.

Fee for the Course, £3 3s.

Text-books recommended :

Manual of Midwifery : Eden.
Manual of Midwifery : Fothergill.

135. Forensic Medicine.

Fee for the Course, £2 16s.

Medical evidence in general, and as bearing upon cases that may form the subject of a criminal trial, civil action, or Coroner's inquest.

Dying declaration. Death certificate. The Coroner's Court. The signs of death. Identification of the living and of the dead subject, and of human remains. Post-mortem examination for medico-legal purposes.

The Health Act.

TOXICOLOGY.—The law on poisons, Condition affecting the action of poisons The principal poisons, their nature and mode of action, symptomatology and treatment.

The detection of bloodstains. Wounds and personal injuries. The law concerning wounds. Distinguishing features of wounds inflicted during life. Homicidal, suicidal, and accidental wounds.

Medical responsibility.

Burns and scalds. Injuries from lightning. Starvation.

Asphyxia, including death from drowning hanging, strangulation, and suffocation.

Medico-legal aspects of pregnancy. Criminal abortion. Infanticide. The evidence of live birth. Legitimacy. Impotency and sterility. Offences against chastity.

Life assurance.

The Workmen's Compensation Act.

Certification of the insane.

The following text-books may be consulted :

Forensic Medicine : Dixon Mann.
Forensic Medicine (9th edition) : Husband.

136. Insanity.

Fee for the course, £1 8s.

Mental physiology and its relation to mental disease.

The causes of insanity and feeblemindedness. General symptomatology.

Clinical Insanity : its aetiology, varieties, pathology, diagnosis, prognosis, and treatment.

Certification of the Insane :

(*a*) Mental examination of patient.
(*b*) Method of recording facts indicating insanity.

Text-books recommended :

Clinical Lectures on Mental Diseases : Clouston, T. S. ; or
Psychological Medicine : Maurice Craig.

137. Pathology.

Fee for the course, £3 3/.

Students must :

(*a*) Perform the necessary pathological laboratory work in connection with the cases allotted to them.

(2) Hold the position of Pathological Clerk for two months during the 5th year. (See schedules).

Medical and Surgical Practice.

The Medical and Surgical Practice of the Adelaide Hospital during th academic year, and the Hospitals for the Insane during three months.

Practical Midwifery.

(Twenty cases if possible.)

FIFTH YEAR'S COURSE.

Medicine.

Lectures on all branches of Medicine.

138. Lectures on Clinical Medicine.—Clerkship.

Fee for the Course, £2 2s.

Surgery.

Lectures on all branches of Surgery, including Surgical Anatomy.

139. Lectures on Clinical Surgery.—Dressership.

Fee for the Course, £2 2s.

140. Therapeutics.

Fee for the Course, £4 4s.

General and special.

Text-books recommended :

Mitchell Bruce : Materia Medica and Therapeutics
Hale White : Materia Medica.

For reference :

Sir Lauder Brunton : Action of Medicine.
Hare : Therapeutics.
Sainsbury : Principia Therapeutica.

141. Gynæcology.

Fee for the Course, £3 3s.

Diseases of the female organs of generation.

Text-book recommended :

Penrose's Diseases of Women (new ed.).
Dudley's Diseases of Women (new ed.).

GYNAECOLOGY—Clerkship and Dressership.

142. Ophthalmology.

Fee for the Course, £3 3s.

Injuries of the eye and its appendages.
Diseases of the eyelids, conjunctiva, and lachrymal apparatus.
Diseases of the eyeball including glaucoma, amblyopia, and functional disorders of vision.
Refraction.
Affections of the ocular muscles.
Colour vision and its defects.

Text-book recommended :

Ophthalmic Surgery and Medicine : Walter H. Jessop. 2nd ed.

OPHTHALMOLOGY.—Clerkship and Dressership.

143. Otology.

Fee for the Course, £2 2s.

Anatomy and physiology of the ear shortly considered.
Injuries and diseases of the auricle.
Diseases of external auditory canal, including foreign bodies in the ear.
Diseases of the membrana tympani and tympanum and their consequences.
Diseases of naso-pharynx and Eustachian tube.
Diseases of the inner ear.

Text-book recommended :

Diseases of the Ear and Naso-Pharynx : T. M. Hovell.

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 on the dead body.

Text-book recommended :

Manual of Operative Surgery : H. J. Waring.

Alternative :—

Operative Surgery : Binnie. 4th ed. 1910. P. Blakiston, Son & Co., Philadelphia.

145. Diseases of Children.

Fee for the Course, £2 2s.

Text-books recommended :

Medical Diseases of Infancy and Childhood ; Dawson Williams.
Surgical Diseases of Children : E. Kirmisson (tr. J. Keogh Murphy)
Lectures on Diseases of Children : Hutchison.

146. Elements of Hygiene.

Air—Composition—impurities and contaminations. Ventilation (natural and artificial)—warming. *Water*—Sources—composition—impurities and contaminations—amount—collection, storage and distribution—purification—interpretation of results of microscopical, chemical, and bacteriological examination. *Soil*—Temperature, moisture, ground-air—composition—contaminations and disease—nitrification. *Buildings*—materials, construction, situation and orientation—accessories and surroundings—inspection of houses—hospitals—schools. *Removal of Refuse*—Dry and water-carriage systems—disposal. *Disposal of the Dead*—Burial—cremation *Foods*—Classification—dietaries—diet and morbid conditions - adulteration of food—foods and disease. *Meteorology*—Climatic phenomena—weather maps. *Animal parasites. Infective Diseases*—Infection—disinfection—prevention. *Vital statistics*—Population, births, deaths, and diseases. *Sanitary law*—The Health, Vaccination, Food and Drugs, and Quarantine Acts and Regulations in force in South Australia

Text-book recommended :

Hygiene and Public Health : by Whitelegge & Newman. (Cassell.)

The following works may also be consulted :—

Theory and Practice of Hygiene : by Notter & Firth. (Churchill).
Vital Statistics : Newsholme. (Sonnenschein).
Sanitary Law and Practice : by Robertson & Porter. (Sanitary Publishing Co.)

147. Vaccination.

Fee for the Course, £1 1s.

Instruction in Vaccination.

148. Anaesthetics.

Instruction in the administration of Anaesthetics.

Medical and Surgical Practice

Of the Adelaide Hospital during the Academic Year.

Practical Midwifery.

(If not completed in fourth year).

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' 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:

A Course of Harmony (Bridge and Sawyer).
The Art of Counterpoint (Kitson).

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. Any three movements from the "French Suites."

(*d*) Beethoven. Sonata in G major (Op. 14, No. 2). 1st and 2nd movements.

(*e*) 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*) Stainer's Organ Primer (Novello) Nos. 88 and 93

(*d*) J. S. Bach. Prelude and Fugue in F major No. 4 of "Acht Kleine Praeludien und Fugen"

(*e*) 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.

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."

Prout's "Counterpoint, Strict and Free."

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.

160. SINGING.

Candidates will be required to—

(*a*) Sing any major, minor or chromatic scale

(*b*) Sing arpeggios of common chords and of dominant sevenths

(*c*) Sing two studies selected from the list set out under 160

(*d*) Sing two pieces selected from the list set out under 160

(*e*) Sing at sight.

161 PIANOFORTE PLAYING

(*a*) Play any major, minor or chromatic scale with each hand separately and both hands together, a third, sixth, octave or a tenth apart

(*b*) Play arpeggios of common chords and dominant sevenths with their inversions with each hand separately and both hands together an octave apart.

(*c*) Play two studies selected from the list set out under 161

(*d*) Play two pieces selected from the list set out under 161

(*e*) Play at sight.

162. ORGAN PLAYING.

(*a*) Play any major, minor or chromatic scale

(*b*) Play arpeggios of common chords and of dominant sevenths

The scales and arpeggios to be played with the hands and feet separately or together

(*c*) Play two studies selected from the list set out under 162

(*d*) Play two pieces selected from the list set out under 162

(*e*) Play at sight

(*f*) Answer questions on the pitch and quality of organ stops; and on the combination of the various stops.

163. VIOLIN PLAYING.

(*a*) Play any major, minor or chromatic scale

(*b*) Play arpeggios of common chords and of dominant sevenths

(*c*) Play two studies selected from the list set out under 163

(*d*) Play two pieces selected from the list set out under 163

(*e*) Play at sight.

164. VIOLONCELLO PLAYING.

(*a*) Play any major, minor or chromatic scale
(*b*) Play arpeggios of common chords and of dominant sevenths
(*c*) Play two studies selected from the list set out under 164
(*d*) Play two pieces selected from the list set out under 164
(*e*) Play at sight.

The List of Studies and Pieces for 1914 are as follows:

160. SINGING.

SOPRANO.

Studies—Concone, 25 lessons, Op. 10, Nos. 13 and 17.
Songs — Mozart, "The Violet."
Sullivan, "Orpheus with his Lute."

CONTRALTO.

Studies—Concone, 40 lessons for deep voices, Op. 17, Nos. 27 and 33.
Songs — Bennett, W. S., "O Lord, Thou hast searched me out" (Woman of Samaria).
Schubert, "The Young Nun."

TENOR.

Studies—Concone, 25 lessons, Op. 10, Nos. 13 and 17.
Songs — Mendelssohn, Recit., "Ye People."
Air, "If with all your hearts."
Tours, "Stars of the Summer Night."

BASS.

Studies—Concone, 40 lessons for deep voices, Nos. 27 and 33.
Songs — Haydn, "Now Heaven in Fullest Glory."
White, M. V., "The Devout Lover."

161. PIANOFORTE PLAYING.

Studies—Cramer. Any two studies.
Moscheles. Any one study from Op. 70.
Pieces — Beethoven. Sonata in D (Op. 10, No. 3). 1st and 2nd movements.
Schubert. Impromptu in E flat.
Chopin. Mazurka (Op. 17, No. 4).

162. ORGAN PLAYING.

Studies—Bach, Prelude and Fugue C minor, No. 5, Book 4 (Peters).
Pieces — Mendelssohn, Sonata in C minor.

63. VIOLIN PLAYING.

Studies—Kreutzer, Nos. 3 and 17.
Pieces — Beethoven, Romance in F.
Rode, Air, Varie in G.

164. VIOLONCELLO PLAYING.—

Studies—Dotzauer, Op. 120, Nos. 13 and 16.
Pieces — Goltermann, Concertstück, Op. 65.
Romberg, Concertino, Op. 51.

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 :—

Mozart—Requiem Mass, C minor.
Beethoven—Symphony No. 5, in A.

Books of reference recommended :
Prout's "Fugue."
Prout's "Applied Forms.'
Prout's "The Orchestra"
Berlioz's "Instrumentation.

DIPLOMA IN COMMERCE.

The University has instituted a Diploma in Commerce in place of the Advanced Commercial Certificate. The subjoined *Regulations* and *Syllabus* set out the curriculum. Students may take the subjects of study in any order, and there is no restriction regarding the number of subjects that may be taken at one time. The *Time-tables* on page 252 show the lectures to be given each year, and recommend an order of study according to the year in which a student enters on the course. It will be seen that the course may be completed in four years. Two of the six courses, viz., in Accountancy and in Economics extend over two years; the others are completed in one year. In all courses the lectures are given once a week during the three terms of the University session. In Accountancy each lecture occupies two hours, in Commercial Law an hour and a quarter, in the other subjects one hour. The lectures in every subject are open to those who do not wish to study for the Diploma. There is no entrance examination. It is essential that intending students should order their text books three months before the opening of the session, as the booksellers do not keep them in stock.

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. Business Practice.
2. Accountancy.
3. Commercial Law.
4. Economics and Commercial History.
5. Banking and Exchange.
6. Commercial Geography and Technology.

†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,

* *Allowed 1st April*, 1908.
† *Allowed 9th January*, 1913.

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.

*IIIA. 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 an Ordinary Examination.
		s. d.
1. Business Practice...	£1 11 6	... 5 0
2. Accountancy	4 4 0	... 10 0
3. Commercial Law	2 2 0	... 5 0
4. Economics and Commercial History	2 12 6	... 10 0
5. Banking and Exchange	1 11 6	... 5 0
6. Geography and Technology ...	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.

* *Allowed 1st April*, 1908.
†*Allowed 9th January*, 1913.
‡ *Allowed 21st December*, 1910.

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.

X. Any holder of an Advanced Commercial Certificate under the old Regulations may surrender his Certificate and obtain the Diploma in Commerce upon passing an additional examination prescribed by the Council, in Economics and Commercial History. But such examination must be passed in or before the year 1910.

Allowed 12th December, 1907.

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

DIPLOMA IN COMMERCE.

1. Business Practice.

Lecturer—Mr. B. D. Colvin, M.A.

The Course, consisting of about 30 lectures, is given every other year, and is completed in one year; it will be given in 1915.

Fee, 10s. 6d. per term.

It deals with :

Office organization ; explanation of principles ; methods of central and departmental control ; duties and responsibilities of principals and assistants ; illustrations in the case of typical trades, their routine and emergency work exemplified ; business correspondence, with examples of letters and minutes on important matters under different headings.

Mercantile terms, phrases, documents, and forms ; definitions and explanations of terms, phrases and abbreviations or initials, etc., in common usage in various classes of business trading, financial, agency, etc. Explanation of the objects and principal clauses of ordinary documents or forms relating to shipping, insurance, mercantile and agency contracts, assignments, etc.

Principles and procedure of different business undertakings, *i.e.*, Insurance (life, fire, and marine), Agency (stock and station, land agency, auctioneers, sharebrokers), Building and Co-operative Societies and others.

The constitution and business control of partnerships and registered companies, the duties of company secretaries.

The functions of commercial travellers, of chambers of commerce, of trade advertising. The business transactions relating to the sale of goods and to the sale, purchase, and tenancy of land.

The principles and practice of mercantile arbitrations as adopted by the voluntary arbitration board of the Adelaide Chamber of Commerce.

Text-books recommended :

Pitman's *Business Man's Guide.*

Warren : *Commercial Knowledge.*

Pitman : *Lectures on British Commerce.*

Clemson : *Business Methods and Procedure* (Aust. ed.)

2. 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. B. D. COLVIN, M.A

The course consists of about 60 lectures, and begins every other year, and is completed in two years. Each lecture lasts for two hours. A new course will commence in 1914.

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 : *Book-keeping.*

The sixth and last term of the course is allotted to 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.*

3. Commercial Law.

Lecturer—Mr. P. E. Johnstone, B.A., LL.B.

The course, consisting of about 30 lectures, is given every other year, and is completed in one year. The lectures last about an hour and a quarter. A new course will be given in 1915.

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. Carriage of goods and bills of lading. Commercial agency. Insolvency. Partnership. Companies. Securities. Employers' liability. Workmen's compensation. The factories acts.

4. Economics and Commercial History.

Lecturer—Professor Mitchell, M.A., D.Sc.

The course in Economics consists of about 50 lectures, extends over five terms, and begins every other year. The present course will be continued in 1914. The class will meet for an hour on Tuesday evenings at 7.15.

Fee, 10s. 6d. per term.

Economic doctrine is concerned with the theory of values and its application to the consumption, the production, and the distribution of wealth. This will occupy three terms of the course, the other two will be occupied with public policy and finance, and with economic history.

Text books.

First Year :—

Marshall, *Economics of Industry.*

Hobson, *The Evolution of Modern Capitalism* (new edition).

Second Year :—

Plehn, *Public Finance.*

Buxton, *The Arguments on either side of the Fiscal Question.*

Day, *History of Commerce.*

Official Year Book of the Commonwealth No. 6 (1913).

For private study :

Brown, *Principles of Modern Legislation.*

5. Banking and Exchange.

Lecturer—Mr. W. Neill.

This course consists of about 30 lectures, and is given every other year, and is completed in one year. It will be given in 1914. Fee, 10s. 6d. per term. It will deal with the following, *inter alia*:

Money, its functions and attributes. The coinage. Conditions under which paper money is justified. Money and instruments of credit as media of exchange. The term "currency" and the extent to which it is applicable. Standards of value. Gold and prices. The uses and proper limitations of credit. Financial crises.

The Foreign Exchanges. International indebtedness and modes of settlement. Rates of Exchange.

Cheques, endorsements, crossings, etc. Forms of bills of exchange and promissory notes; duties and liabilites of respective parties thereto. Presentment, notices of dishonour, notarial protests, etc. Letters of credit.

History and development of banking. Constitution and functions of present day banks. Various methods of regulation by the State. The Bank of England. British banking and gold reserves. European, American, and Australian banking systems. Clearing Houses. Laws relating to Bankers.

Text-books.

Sykes: *Banking and Currency.*
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).

6. Commercial Geography.

Lecturer—Mr. R. J. M. Clucas, B.A.

This course consists of about 30 lectures, is given every other year, and is completed in one year. It will be given in 1914.

Fee 10s. 6d. per term.

The work of the course will be covered partly by text-book, partly by lecture, and partly by practical work and discussion. The following is an outline of the subject-matter of the course, together with a sketch of the practical work, and a note of certain books desirable for reference and reading.

(*a*) General.

Environment. Influence of physiographical, biological, social, and political controls upon the production, distribution, and exchange of commodities.

Industry. Classification of industries. Development from simple unorganized industries to the present complex industrial systems.

Commerce. Internal and external trade. Transport and communication. Routes and rates.

(*b*) SPECIAL.

Materials of Commerce. Principal raw and manufactured materials. Producing and consuming countries. Certain leading manufacturing industries, including the textiles and iron and steel, will be treated somewhat in detail.

Regional. Industry and commerce of the chief countries entering into commercial relations with Australia.

(*c*) PRACTICAL WORK. The main principles of statistics, and the plotting out and explanation of statistical tables. Sketch-maps illustrating the geographical facts of the course, especially in connection with the distribution of materials of commerce. Bibliography of technical and official publications, and practice in using them. Essays on set topics.

(*d*) TEXT-BOOKS.

Taylor, G. *Australia in its physiographic and economic aspects Clar. Pr.* 3s. 6d.

Official year book of the Commonwealth of Australia. Latest edition. 3s. 6d.

Dawson, W. H. *Industrial Germany. Collins,* 1s. *net.*

Great Britain. *Diplomatic and consular reports.* These will be specified during the course.

The following is a list of books suggested as suitable for reference or for further reading. The more expensive may be consulted at the University Library and at the Public Library.

Chisholm, G. G. *Handbook of commercial geography. Longmans.* 15s. *net.*

Gregory, Keller, and Bishop. *Physical and commercial geography. Ginn.*

Cooley, C. H. *Theory of transportation. Amer. Econ. Assoc.*

Bartholomew, J. G. *Atlas of the world's commerce. Newnes.* 21s. *net.*

Statesman's yearbook. Macmillan. 10s. 6d. *net per annum.*

Trade and customs and excise revenue of the Commonwealth of Australia.

Ashley, W. J. *British industries. Longmans.* 5s. 6d. *net.*

Shadwell, A. *Industrial efficiency: a comparative study of industrial life in England, Germany, and America. Longmans.* 6s. *net.*

Dawson, W. H. *Evolution of modern Germany. Unwin.* 10s. 6d. *net.*

TIME TABLES.

1. The following are the courses of lectures for the next few years :—

1914—Accountancy I., Economics II., Banking, Geography.
1915—Business Practice, Accountancy II., Commercial Law, Economics I.
1916—Same as in 1914.
1917—Same as in 1915.

2. The following is the order in which student are ecommended to take up the subjects of the course according to the year in which they enter upon it:

(*a*) If they began in 1913 :

1913—Business Practice, Commercial Law.
1914—Accountancy I., Banking (or Geography).
1915—Accountancy II., Economics I.
1916—Economics II., Geography (or Banking).

(*b*) If they begin in 1914 :

1914—Accountancy I., Banking (or Geography).
1915—Accountancy II., Economics I.
1916—Economics II, Geography (or Banking).
1917—Business Practice, Commercial Law.

(*c*) If they begin in 1915 :

1915—Business Practice, Commercial Law.
1916—Accountancy I., Banking (or Geography).
1917—Accountancy II., Economics I.
1918—Economics II., Geography (or Banking).

NOTE.—The examination papers are published with the degree papers in a separate volume.

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. 279), 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 1914:—

Three Lectures by Professor Naylor, on "The Problem of Euripides"; three by Mr. W. Howchin, on "The Lost Rivers of South Australia"; and three by Mrs. T. G. B. Osborn, on "Some Stages in the Evolution of Planets."

RULES FOR THE UNIVERSITY LIBRARY.

I. Opening and Closing of the Library.

1. The Library shall be open on Week Days from 9 a.m. to 5 p.m., except on Saturdays, when it shall be open from 9 a.m. to 1 p.m.

2. The Library shall be closed on Sundays, on Public Holidays, and on such other days, and at such other times, as the Council may direct, previous notice of such closing being given.

II. Persons Entitled to Admission for Reading Purposes.

1. The following persons shall be entitled to use the Library for reading purposes:—

(1). Past and Present Members of the University Council.
(2). Officers of the University.
(3). Graduates of the University, including those who have been admitted *ad eundem gradum.*
(4). Students attending lectures at the University, subject to the Rules in Section III.
(5). Other persons, subject to the Rules in Section IV.

III. Rules for the Admission of Students who are Not Graduates.

1. Any student wishing to make use of the Library shall apply to the Librarian for a ticket, entitling the holder to admission to the Library for one year.

2. Such ticket can be either cancelled or temporarily withdrawn at any time by the Library Committee if the holder shall have been guilty of improper conduct in the Library.

IV. Rules for the Admission of Other Persons.

1. Persons, other than those already specified, who are desirous of using the Library for purposes of study may, on application to the Council, receive a ticket entitling them to the use of the Library for a fixed period of time.

Any Member of the Library Committee may grant admission to the Library until next meeting of the Council.

V. Persons Entitled to Borrow Books from the Library.

The following persons shall be entitled to borrow books from the Library :—

(1). Members of the Council.
(2). Officers of the University.

VI. Rules for Borrowing Books.

1. Any book can be borrowed from the Library with the exception of those classed as works of reference and such others as may be set apart. In all such cases special leave must be obtained from the Council before the book can be borrowed.

2. The title of any book borrowed, and the date of borrowing, must be entered at the time by the officer in charge, in a book provided for the purpose.

3. Books borrowed must be returned within one month of the date of issue, and all books must be returned before the day appointed for cleaning and examining the Library.

4. Those infringing Rule 3 shall be fined a shilling a volume for the books which they have failed to return, after being warned by the Librarian.

5. The borrower shall restore the volume in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received in his keeping.

VII. Rules for the Conduct of Readers in the Library.

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

2. Readers who are not entitled to borrow books are strictly forbidden to remove them from the Library.

3. Readers, other than Members of the Council and Officers of the University, must, after consulting books, leave them on one of the tables, and not restore them to the shelves.

4. Readers causing any damage in the Library, or behaving in such a way as to interfere with the comfort of other readers, shall incur the penalty of a fine, the amount to be fixed by the Board of Discipline, or may be excluded from the Library by the Librarian or officer in attendance, and may be further deprived of the use of the Library for such term as the Council may determine.

Made by Council 15th December, 1899.

VIII. Rules for Conservatorium Library.

1. The Rules of the University Library are to apply to the Conservatorium Library, except with regard to borrowing.

2. Students may borrow copies of music or books (except those mentioned in Rule 10) on the written recommendation of a teacher of the Conservatorium.

3. Students must return copies of music or books within a fortnight of the date of issue, but such students have the right of renewal at the end of that time, provided no other application has been received.

4. No student is to have possession of more than two copies of music or two books.

5. Teachers can borrow any copies of music or books, except those mentioned in Rule 10.

6. Teachers must return copies of music or books within a month of the date of issue, but such teachers have the right of renewal at the end of that time, provided no other application has been received *from a teacher*.

7. Those infringing Rule 3 or 6 shall be fined a shilling per volume for the copies of music or books they have failed to return after having been warned by the Librarian.

8. The borrower shall restore the copy of music or book in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received while in his keeping.

9. The title of the book borrowed, the name of the borrower, and the dates of borrowing and return shall be entered at the time by the officer in charge in a book provided for the purpose.

10. Books classed as works of reference may not be borrowed by the students; they may be borrowed by teachers, but special leave must first be obtained from the Council.

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 *Statua Universitatis Oxoniensis* which may be consulted on application to the Registrar.

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 recognise the Senior Public Examination of this University as exempting from the studentship examination of that Institution, provided that the group of subjects included by the certificate covers the requirements of the Institution examination. A certificate will be considered to comply with this condition if it embraces the following subjects :—

English History
English Literature
Arithmetic
Algebra to Quadratic Equations
Euclid, Books I.–IV
Elementary Trigonometry
One language (Latin, Greek, French, or German)
Either Physics or Inorganic Chemistry

which must be passed at the same sitting, but those who have already commenced an approved course of practical engineering training for the period contemplated by the Institution By-Laws, may pass the examination in two parts.

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 88.

The Scholarship will be offered in June, 1914, and should the Scholarship not be awarded, it will again be offered in June, 1915.

For form of notice by candidates of intention to compete for the Scholarship, see page 261.

Awards.

For previous awards see Calendars for 1911 and 1912.

1906	Not Awarded
1907	Smith, Harold Whitmore, B.Sc
1908	Tassie, Robert Wilson, B.Sc.
1910	Burgess, Leslie Frank, B.Sc.
1912	Angwin, Hugh Thomas Moffitt, B.Sc.

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 89.

An examination for one Exhibition will be held in November, 1914.

For form of notice by candidate of intention to compete for an Angas Engineering Exhibition, see page 262.

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1914 :—

1.	Algebra and Trigonometry	As for the Higher Public Examination.
2.	Geometry and Trigonometry	
3.	Physics (including practical work)	
4.	Chemistry (including practical work)	
5.	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 two of the following languages, viz. :—French, German, Latin, 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 for 1904, 1911, 1912, and 1913.

1909 Correll, Percy Edward
1910 Yates, Donald (resigned)
1911 Yates, Donald
1912 Tuck, Harry Playford
1913

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 92.

Awards.

For previous awards, see Calendars for 1904, 1911, 1912, and 1913.

1909 Simpson, Hugh Denney
1910 Hardy, Mabel Phyllis
1911 Jones, Louisa Lorrie
1912 Not awarded
1913 Williams. Gwenneth

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 98.

Awards.

For previous awards, see Calendars for 1904, 1911, 1912, and 1913.

1909 Whitington, Louis Arnold
1910 Allen, Eleanor Beatrice } equal
Stevens, Aubrey }
1911 Giles, Harold.
1912 Blair, Euphemia Theodosia } equal
Ward, Cyril Michael, B.A. }
1913 Williams, Francis Edgar

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 any year of their course.

For conditions see Statutes, Chapter XV. "Of the Stow Prizes and Scholar," page 93.

Awards.

For previous awards, see Calendars for 1904, 1911, 1912, and 1913.

1909	Ligertwood, George Coutts Thomson, Harry
1910	Hannan, Albert James, B.A. Ligertwood, George Coutts, B.A. Norman, William Ashley
1911	Not awarded.
1912	Badger, Robert Hannan, Albert James, B.A
1913	Griffiths, Thomas Lester Piper, Harold Bayard Yuill, George Ashwin

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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.

Awards.

1892	Stow, Francis Leslie
1897	Young, Frederick William
1901	Bennett, Richard William Skipper, Stanley Herbert
1904	Gordon, James Leslie
1907	Bray, Marmion Matthews
1910	Ligertwood, George Coutts, B.A.

The Elder Prizes.

Sir Thomas Elder having since 1882 given £20 yearly for prizes in he 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 Calenders for 1898, 1911, 1912, and 1913.

1909 { Verco, Joseph Stanley (First year)
Burnell, Glen Howard (Second year)

1910 { Verco, Joseph Stanley (Second year)
Not awarded (First year)

1911 { Rice, Patrick William (First year)
Turner, Charles Trevor (Second Year)

1912 { Morey, Alan Wilson } equal (First year)
Plotz, Oscar Arnold }
Not awarded (Second year)

1913 { Grant, Richard Longford Thorold (First year)
Morey, Alan Wilson } equal (Second year)
Plotz, Oscar Arnold }

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 98.

Awards.

For previous awards see Calendars for 1911, 1912, and 1913.

1909 { Kneebone, John Le Messurier (Third year)
Jones, Edmund Britten (Fourth year)

1910 { Florey, Hilda Josephine (Third year)
Not awarded (Fourth year)

1911 { LeMessurier, Frederick Neill, Verco, Joseph Stanley } equal (Third year)
1911 { Rennie, Henry Charles Cadell, Florey, Hilda Josephine } equal (Fourth year)

1912 { Haste, Reginald Arthur, B.Sc., Turner, Charles Trevor } equal (Third year)
1912 { Verco, Joseph Stanley (Fourth year)

1913 { Rice, Patrick William (Third year)
1913 { Haste, Reginald Arthur, B.Sc., Turner, Charles Trevor } equal (Fourth year)

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 XVIA. "Of the Everard Scholarship," page 95.

Awards.

For previous awards, see Calendars for 1904, 1911, 1912, and 1913.

1909 Trüdinger, Ronald, B.Sc.
1910 Jones, Edmund Britten.
1911 Kneebone, John LeMessurier.
1912 Rennie, Henry Charles Cadell.
1913 Verco, Joseph Stanley.

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, is tenable for three years, and is available for either the B.A. or B.Sc. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 99.

Awards.

For previous awards see Calender for 1911.

1909 Sanders, Harold William.
1910 { Dunstan, John Leonard (resigned).
1910 { Bean, Edgar Layton.
1911 Morey, Alan Wilson.
1912 Burgess, Frederick Martin
1913 Pomroy, Harry Roy

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

This Scholarship has been founded by the Commercial Travellers' Association, and is awarded on the nomination of that Association.

For conditions see Statutes, Chapter XVI. "Of the Commercial Travellers Association Scholarship," page 94.

Awards.

1884 Bertram, Robert Matthew.
1889 Harrison, Rosa Lillian.
1891 Bostock, Jessie.
1894 Dibben, Nellie Helen.
1899 Ellis, Annie Rita.
1905 Begg, Reginald Haussen.
1911 McGlew, Phyllis Dorothy.

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 105.

Awards.

For previous awards, see Calendar for 1913.

1911 Jackson, Sarah Elizabeth.

1912 { Ledger, Gladys May (resigned).
Williams, Gwenneth.

1913 Hardy, Mabel Phyllis.

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 106.

CONDITIONS AND METHODS OF AWARD BY FACULTIES.

Arts.

PHILOSOPHY.

A sum of £25 is available for 1914. This is offered in two prizes of £12 10s.; one for the best essay on (*a*) "The Scientific View of Nature"; and one for the best essay on (*b*) "Hegel's *Philosophy of History*."

Graduates or undergraduates of the University will be eligible to compete, but candidates must not have matriculated before 1907. Awards will not be made unless the Essays are considered to be of sufficient merit.

The Essay must reach the Registrar on or before the 15th of October, 1914.

CLASSICS.

A sum of £12 10s. will be awarded to the candidate who obtains the highest marks in the Unseen Work of the Final Honours Examination, provided that the candidate is placed at least in the Second Class.

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 Calendar for 1913.

1911
- Arts
  - Classics—Barton, Felix Kingston
  - Philosophy—Allen, Eleanor Alice
- Law
  - Roman Law—Whitington, Louis Arnold
  - Theory of Law and Legislation—Norman, William Ashley

1912
- Arts—Classics—Proud, Millicent Farrer
- Law
  - Private International Law
    - Griffiths, Thomas Lester
    - Hannan, Albert James, B.A.

  } equal

1913
- Arts
  - Classics—Bean, Edgar Layton
  - Philosophy—Stevens, Aubrey Clement, B.A.
- Science—Chemistry—Dawkins, Alfred Ernest, B.Sc.
- Law
  - Roman Law—Griffiths, Thomas Lester
  - Theory of Law and Legislation—Moody, Harold Eric

The Lowrie Scholarships.

These Scholarships, of the value of £75 each, were founded by an anonymous donor.

For conditions, see Statutes, Chapter XXXIII., page 107.

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 110.

Awards

(BY UNIVERSITY).

Mengerson, Norman Victor (Prince Alfred College).
Wright, Sydney Charles (Muirden College).

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 109.

Award.

1913—Rennie, Harriet Alison.

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 Foster

The Barr Smith Prize for Greek.

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

Awards.

For previous awards, see Calendar for 1913.

1911—Bean, Edgar Layton
1912—Dorsch, Ernst Georg
1913—Burgess, Frederick Martin

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 for 1913.

1911 { Stewart, Colin Gore / Williams, Francis Edgar } equal
1912 { Burdon, Roy Stanley / Dorsch, Ernst Georg } equal
1913 Burgess, Frederick Martin

The Bundey Prize for English Verse.

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

For conditions see Statutes, Chapter XXXV., page 110.

The subject for the poem for 1914 is—"Matthew Flinders."
The poem must not be more than 200 lines and not less than 50.

Science Research Scholarship, Exhibition of 1851.

Awards.

1892 Allen, James Bernard, B.Sc.
1902 Cooke, William Ternent, B.Sc.
1905 Kleeman, Richard Daniel, B.Sc.
1909 Glasson, Joseph Leslie, B.Sc.
1912 Jauncey, George Eric Macdonnell, B.Sc.

Science Research Bursaries, Exhibition of 1851.

Awards.

1901 Cooke, William Ternent, 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 Calendar for 1913.

1910 Thomson, Harry, LL.B.
1911 Madigan, Cecil Thomas, B.Sc.
1912 Jones, Edmund Britten M.B., B.S.
1913 Bröse, Henry Herman Leopold Adolph, B.Sc.
1914 Morey, Alan Wilson

The Tennyson Medals.

Awards—1913.

Higher Public—Threadgill, Bessie
Senior Public—O'Neill, Hugh
Junior Public—Dasborough, Mary Edgell
} Adelaide High School

The Joseph Fisher Medals.

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 Statute Chapter XXVIII, "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 103.

Awards.

For previous awards, see Calendar for 1913.

1908	Not awarded.
1909	Dobson, Alfred James.
1910	Not awarded.
1911	Wauchope, James George Neilson.
1912 } 1913 }	Not awarded.

The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a Scholarship to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated Student thereof, who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each Student so nominated shall hold such Scholarship for such number of consecutive academical Terms as the Student must for the time being complete in order to obtain a Degree in (as the case may require) Laws, Medicine, Arts, Science, 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 repectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro Grand Master, or (failing him) the Deputy Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such Scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the Scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia, shall be accepted by the said University as sufficient evidence as well of the right of the person by whom any such Certificate shall purport to be

signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that
is the son (or daughter) of
who was (or is) a worthy member of the Ancient Fraternity of Free and Accepted Masons under the Grand Lodge of South Australia, and hereby nominates the said
as a person to whom the University shall award a St. Alban Scholarship. The said scholar-designate is to study for the degree of Bachelor of

Dated at Adelaide this day of in the year 19

(Lodge Seal).

Signed,
Master of St. Alban Lodge.

Signed,
Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure by of the St. Alban Scholarship, and has substituted in the room of the said

Dated at Adelaide the day of in the year 19

(Lodge Seal.)

Signed,
Master of Lodge St. Alban.

Signed,
Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendar for 1913.

1903 Hunn, William Morgan.
1905 Jacob, Melliar Phelps.
1910 Wibberley, Brian William.
1913 Phillips, William James Ellery.

Government Bursaries, tenable at the University.

(Regulations of the Education Department, made in 1913.)

Twelve bursaries, to be called Government bursaries, shall be offered annually for competition. Each bursary allotted to the course in medicine shall be tenable for five years; all other bursaries shall be tenable for four years.

These bursaries shall exempt the holders from all fees payable to the University of Adelaide in the courses for the degrees 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 College in the case of students taking the agricultural course in science. Students holding Government 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 each bursar who is unable to reside with his parents or guardian during the tenure of his bursary.

Of the twelve bursaries, six at least shall be awarded to candidates who for at least one year preceding the examination have been pupils of the Government High Schools of South Australia, and the remaining bursaries shall be open to competition among pupils from any other Schools in the State: Provided that, in each case, the competitors are of sufficient merit.

The bursaries shall be available for any course to which the bursar is eligible, provided that not more than two successful candidates from Government High Schools, and not more than two from any other schools may be awarded medical bursaries in any one year.

The award of the bursaries shall be decided upon the result of the Higher Public Examination of the University of Adelaide, together with such further examination as may be prescribed by the Council of the University. Every candidate who has passed in at least four subjects of the Higher Public Examination of the University of Adelaide shall be eligible to hold a bursary.

The subjects of examination and the relative value of each shall be fixed by the Council of the University subject to the approval of the Minister of Education.

Candidates must have been resident in the State of South Australia for at least one year preceding the examination; they must be under 19 years of age on the 1st of December in the year in which the examination is held, and must not previously have attended any part of the ungraduate course of the University in those subjects in which they are competing for the bursary.

Successful candidates must enter the University of Adelaide as undergraduate students in arts, engineering, science, law, medicine, or music in the year following the examination. Those who enter as undergraduate students in science may take any one of the prescribed 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 South Australian School of Mines and Industries. Except in cases of illness or other sufficient cause, they must attend all lectures and pass all the examinations in the selected course required by the University.

Before being awarded a bursary, candidates must select the Faculty in which they propose to study, and this must be a Faculty in which they have satisfied the conditions required for matriculation before the end of the year preceding that in which the tenure of the bursary commences. No bursary, having once been awarded for tenure in any Faculty, shall be made available for any other Faculty, save on special grounds to be recommended by the Council of the University and approved by the Minister of Education.

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 shall be approved by the Dean. No bursar shall take any subject that is not within the curriculum of his Faculty save on special grounds to be approved by the Faculty.

Payment of the bursaries shall be made in three instalments at the ends of the three University terms. Each bursar must present a certificate of diligence and proficiency in a form to be prescribed by the Minister of Education, and payment may be reduced or withheld altogether if such certificate is not satisfactory to the Minister of Education.

No person may hold a Government bursary in conjunction with any other entrance bursary, entrance exhibition, or entrance scholarship tenable at the University, except in such cases as are recommended by the Council of the University and approved by the Minister of Education, but a Government bursary may be held in conjunction with the Hartley Studentship.

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 recommended by the Council of the University and approved by the Minister of Education.

Should any difficulty arise in the interpretation of the Regulations referring to Government bursaries tenable at the University, the question shall be referred to the Minister, whose decision shall be final.

Entrance Bursaries.

A.—FOR DAY STUDENTS.

Awards.

(*For previous holders see Calendars for* 1898, 1901, 1905, 1911, 1912, *and* 1913).

OPEN BURSARIES.

1912	Dorsch, Agnes Laura Anna (Arts), Tormore House.	
	Robin, Geoffrey DeQ. (Applied Science), Prince Alfred College.	
	Moore, Brian F. (Medical), St. Peter.s College.	
	Skewes, Edward F. (Law), Kyre College.	
	Potts, Frank R. (Science), Prince Alfred College.	
	Kneebone, Christopher S. (Applied Science), St. Peter's College.	

RESTRICTED BURSARIES.

1912	Smith, Raydon B. (Applied Science)	Adelaide High School.
	Gillen, John B. (Medical)	
	Jacob, John Gilbert (Arts)	
	Richards, Clarence (Science)	
	Godlee, Margery R. (Arts)	
	Hutcheson, George I. D. (Applied Science)	

OPEN BURSARIES.

1913 { Jones. Brynmore Beveridge (Medicine)
Beaumont, Paul Charles (Arts)
Hurst, Walter William (Science)
Somerville, Sesca Lewin (Arts)
Hossfeld, Paul Samuel (Medicine)
Gaskell, Fred (Science)

RESTRICTED BURSARIES.

1913 { Pomroy, Harry Roy (Medicine)
Poole, Gilbert Graham (Science)
Burns, Leonard James (Law)
Keipert, Leslie Jones (Medicine)
Dowling, Donald Augustus (Science)
Mongan, Horace John (Engineering)

B.—FOR EVENING STUDENTS.

University Studentships.

FOR EVENING STUDENTS.

Studentships will be offered annually for competition to persons attending or intending to attend the University evening lectures with a view to studying for a degree or 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, on the recommendation of the University Council, 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.

The value of each Studentship shall not exceed £10 in the case of a science or engineering student, or £7 in other cases, and shall in no case exceed the outlay necessary for lecture and examination fees, text-books, and material, and the total value of the Studentships granted in any one year shall not exceed £180.

Nine of such Studentships will be offered to students studying or intending to study for a degree in science or engineering, and thirteen to students studying or intending to take some other course: Provided that if in any year the number of applicants of sufficient merit will 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 Board of Examiners.

Of the studentships for science or engineering, three will be offered for competition 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. Of the other studentships, five will be offered for competition 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 will not allow of these proportions being maintained, the Board of Examiners may vary the same at their discretion.

Candidates for the first year studentships must be between the ages of 16 and 25 years on the first day of the first University term, and must have been resident in the State 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 University course.

The subjects for the first year studentships shall be fixed by the University Council, subject to the approval of the Minister. The examination shall be qualifying, not competitive, and the studentships will be awarded to such candidates as, in the opinion of the Board of Examiners, show the most promise. The Board will take into consideration the previous opportunities and present circumstances of candidates.

The subjects of examination for the studentships to be awarded for each year other than the first shall be such subjects as have been studied by the candidates during the preceding year.

Such portions of the Studentships as may be necessary to pay the fees and the cost of the prescribed text-books shall be paid at the beginning of each term. In the case of students, other than those entering on their course, a certificate from the Registrar that the student has diligently and regularly attended the prescribed lectures must be produced, and the Minister may cancel the Studentship awarded to any student who has, without reasonable excuse, failed so to attend such lectures.

Should any difficulty arise in the interpretation of the Regulations referring to University studentships, the question shall be referred to the Minister, whose decision shall be final.

Evening Entrance Studentships for 1914.

Candidates for any of these Studentships, whether they have already held one of them or not, must apply to the Registrar in writing before February 28th. They should state

1. Their age, whether they are at work during the day, how they are employed, and what salary they receive.

2. Their qualifications in point of knowledge, viz.: —

   (*a.*) If they have not previously held the Scholarship, they should give particulars of any public examinations they have passed. Candidates are qualified to hold the Scholarship who have reached the standard of the Junior Public examination in English Literature, History, and Mathematics.

   (*b.*) If they have already held the Scholarship, they should state what work they have done and what examinations they have passed while holding it.

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, 1913.

Awards.

1903 Gartrell, Herbert William, B.A., B.Sc.
1904 Basedow, Herbert.
1905 Not awarded.
1906 } No candidates.
1907 }
1908 Stanley, Evan Richard
1909-10-11-12-13 No candidates.

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 18 and 22, 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 103) :—

1904.—"Commercial Education," by Henry Gyles Turner, Esq.

1906.—"Commercial Character," by L. A. Jessop, Esq.

1908.—"The Influence of Commerce on Civilization," by J. Currie Elles, Esq.

1910.—"Banking as a Factor in the Development of Trade and Commerce," by J. Russell French, Esq.

1912.—"Australian Company Law ; and some sidelights on Modern Commerce," by H. Y. Braddon, Esq.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

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.

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 weekly, and addresses are given by students and friends of the Union.

Bible Classes for men and women students meet weekly to follow a three years' course of study.

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. 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, two joint treasurers, and a 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 despatch 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 70.

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.

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.

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:—Mr. G. Brookman (chairman), Mr. Justice Murray, Professor Henderson, Professor H. Darnley Naylor, Mr. A. W. Morey, Mr. J. C. Mayo, and Mr. K. N. Steele. 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.

The Adelaide University Law Debating Society.

The object of the Society is the discussion of any topics of interest to students of law.

The persons eligible to become members of the Society are :—

(*a*) Any person who has obtained the Degree or Final Certificate in Law of the University of Adelaide

(*b*) Any undergraduate or student in law at the University

(*c*) Any member of the legal profession who is a graduate of this University.

The Annual General Meeting of the Society is held on a day to be fixed by the Committee in the first week of April, at which the Committee will be pleased to meet all new students and intending members

Ordinary meetings are held every alternate Monday in the Law Room at the University, at 7.45 p.m.

The annual subscription is 2/6.

The Society annually offers for competition a prize of the value of £2 2s. (£1 1s. of which is kindly presented each year by R. W. Bennett Esq., LL.B.), to be awarded to the member who, in the opinion of the committee appointed for the purpose, shall have proved himself the best debater at the meetings held during the current year.

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, R. Bronner, B.A.

Hon. Secretary, E. L. Bean.

University Economic Society.

President—Professor W. Mitchell.

Vice-Presidents—Mr. R. J. M. Clucas, B.A.; Mr. W. Ham.

Hon. Treasurer—Mr. H. A. Neuenkirchen.

Hon. Secretary—Mr. J. P. Bathgate.

Committee—Messrs. J. G. Wauchope, G. J. Needham, and T. A. Wyles.

The Classical Association of South Australia.

PATRON—The Right Hon. Sir Samuel Way, Bart., Chancellor of the University.

PRESIDENT—Professor H. Darnley Naylor.

HON. SECRETARY—Mr. G. A. McMillan, Childers Street, North Adelaide.

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.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1914.

PART II.

The Elder Conservatorium.

PREFACE.

REGULATIONS.

RULES.

DIPLOMA OF ASSOCIATE IN MUSIC.

SCHOLARSHIPS.

PRIZES.

THE ELDER CONSERVATORIUM OF MUSIC.

PREFACE.

The Elder Conservatorium has been established for the purpose of providing a complete system of instruction in the art and science of Music, at a moderate cost to the student.

The Conservatorium is open to professional and amateur students. The course of instruction is so arranged that Students may either be prepared for a professional career or may attend for the study of a single subject only.

The annual fee is £14 14s. and may be paid in one amount, or in proportionate instalments at the commencement of each term.

The student receives tuition in one principal subject and in one or more secondary subjects, the latter to be approved by the Director. In the principal subject each student receives individual teaching for forty minutes every week during term.

Students desiring to study two principal subjects are allowed a reduction in the fee for the second principal subject.

Students desiring to attend the Conservatorium for the purpose of studying a secondary subject only may be admitted by special arrangement.

Entrance Examination.

All candidates for admission as students of a principal subject must satisfy the Director of his or her fitness to enter upon the course of study proposed. It is necessary that candidates have had such preliminary training or are possessed of such natural musical talent as will enable them to profit by the instruction given at the Conservatorium. No student will be admitted to any course of study who, in the opinion of the Director, is not qualified to benefit thereby.

All female students attending the Conservatorium are under the charge of the Lady Superintendent.

Forms of application for admission to the Conservatorium may be obtained from the Registrar of the University. When filled up they should be sent in at least seven days before the beginning of the term, and must be accompanied by the Entrance Examination fee of 10s. 6d.

Examinations and Diplomas.

At the end of each academical year each student is entitled to receive a report of progress signed by the Director.

Students taking a principal subject may present themselves for examination for the Diploma of Associate in Music at the end of each year.

Scholarships and Prizes.

Ten Scholarships and five Prizes are offered for competition among Australian students of music.

Orchestra.

A University Orchestra has been established for the practice of orchestral music by students and others, and the giving of concerts in the Elder Hall, &c.

The services of professional musicians will be retained to assist at rehearsals and performances.

Persons not studying at the Conservatorium may be admitted to take part in rehearsals and concerts on such conditions as may be laid down.

Library.

A Library of Classical Compositions, including Full Scores, and miscellaneous writings on musical subjects, has been formed. The books and music are available to students for reference.

ELDER CONSERVATORIUM OF MUSIC

REGULATIONS.

I The Conservatorium shall be under the control of the Council of the University.

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 and Musical Composition.
Pianoforte
Singing (Solo)
Organ
Violin
Violoncello
Other Orchestral Instruments.

SECONDARY SUBJECTS—

Theory of Music and History of Music
Sight Singing and Musical Dictation
Ensemble Playing
Orchestral Playing
Choral Singing

and such other subjects as come within the scope of a musical education.

VII. An intending student of any principal subject must satisfy the Director of his or her fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance examination fee of 10/6 and sign the non-graduating students roll.

VIII. No student of a principal subject may 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 Annual fee for one principal subject, with one or more of the abovementioned secondary subjects, to be approved by the Director, shall be fourteen guineas, and must be paid either at the beginning of the Conservatorium year in one sum or in instalments of three and a half guineas at the beginning of each term.

Students taking an additional principal subject will be allowed a reduction of twenty-five per cent. on the fee for it.

X. For students taking a principal subject, additional fees, as specified below, will be charged for the undermentioned subjects, if classes for them are formed to the satisfaction of the Council :—

		Per Term.	Per Annum.
Opera Class Elocution French German Italian	...	£0 10 6	£1 11 6

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
Opera Class	£1 1 0	3 3 0
Theory of Music—		
(*a*) Elementary or Junior ...	0 10 6	1 11 6
(*b*) Intermediate or Senior ...	1 1 0	3 3 0
Sight Singing and Musical Dictation	0 10 6	1 11 6
Ensemble Playing	2 2 0	6 6 0
Orchestral Playing	0 7 0	1 1 0
Elocution French German Italian } each	1 1 0	3 3 0

XII. At the end of the year each student who has been studying a principal subject shall be entitled to receive a report of progress, signed by the Director.

XIII. Scholarships may be established from time to time by the Council, or by private individuals, under such conditions as the Council may approve.

XIV. The Council may authorise the holding of examinations in any of the above mentioned subjects, and may grant Diplomas or Certificates of efficiency to students who comply with the requirements of such examinations.

XV. All students shall conform to the present and all future Rules "Of the Elder Conservatorium," drawn up by the Council.

Allowed 21st December, 1910

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 Registrar of the University, to whom all fees shall be paid 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. Students absent from lessons shall furnish the Director with an explanation of such absence.

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 16th December, 1910.

DIPLOMA OF ASSOCIATE IN MUSIC.

REGULATIONS.

I. Examinations for the Diploma of Associate in Music shall be held in each year during the month of November.

*II. To obtain the Diploma of Associate, each candidate must complete three academic years of study, not necessarily consecutive, at the University of Adelaide, 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 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 must apply for it by 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 examination for the Diploma of Associate in Music each candidate shall be required to satisfy the Examiners in the following subjects :—

1. Musical Terminology.
2. Ear Tests : Sight Reading.
3. Harmony.
4. Principal subject.

* *Allowed 24th December, 1913.*

V. At the second examination for the Diploma of Associate in Music each candidate shall be required to satisfy the Examiners in the following subjects :—

1. Harmony.
2. History of Music.
3. Principal subject.

VI. At the third examination for the Diploma of Associate in Music each candidate shall be required to satisfy the Examiners in 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 of pieces to be published each year, and scales and arpeggios in forms defined by schedule.

VII. Candidates who make Pianoforte Playing, Singing, Violin, Violoncello, or Organ Playing their principal subject shall be required to perform any piece or pieces or any portion thereof selected by the Examiners from lists to be published each year. They shall also be required to undergo such other tests in Playing or in Singing as the Examiners shall require.

VIII. Candidates who elect 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, candidates will be required to pass an examination in :—

Harmony, Counterpoint, Canon and Fugue } In not more than four parts.
Form in Musical Composition.
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.

XIII. The Regulations for the Diploma of Associate in Music, allowed on the 18th September, 1900, are hereby repealed, but students who shall have completed a year's course of study prior to December 31, 1906, may enter for the examination under those regulations in 1907 or 1908, but not later.

Allowed 3rd January, 1907.

ASSOCIATE IN MUSIC.

SCHEDULE.

DETAILS OF SUBJECTS FOR EXAMINATION IN 1914.

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 :—

   Cramer : Study in E minor (No. 23 in the new Bülow Ed.).
   Czerny : Study in C (Hansen Ed.; Vol. II., No. 2).
   Bach : Any *one* of the 3-part Inventions.
   Beethoven : Sonata in F minor, Op. 2 No. 1—1st movement.
   Chopin : Nocturne in B, Op. 32, No. 1.
   Grieg : "Schmetterling," Op. 43.

   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 :—

Best : "Art of Organ Playing," Nos. 202 and 204.

Bach : Prelude and Fugue in G minor, from the Eight Short Preludes and Fugues.

Guilmant : Sonata in C minor, No. 3 (1st and 2nd movements).

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 September, a list of works under the following headings :—

Solfeggi.

2 excerpts from Oratorios, one florid, one sustained ; at least one must include a Recit.

1 Song in either French, German, or Italian.

1 English Song.

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, Nos. 33 and 34.

   Handel : Sonata in D, first and second movements.

   Viotti : Concerto in A minor, first movement.

   Svensden : Romance in G.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

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.

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 :—

   Dotzauer : Quarantes Etudes, Nos. 3, 6, and 8.

   Davidoff : Romance sans paroles.

   Marcello : Grave and last Allegro from Sonata in G (Schott).

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 :—

Clementi : Study in C (No. 12 in Tausig's collection).
Moscheles : Study in E flat minor, Op. 70, No. 8.
Handel : Fugue in E minor from Suite No. 4.
Beethoven : Sonata in C sharp minor, Op. 27, No 2 (last movement).
Schubert : Impromptu in F minor, Op. 142.
Chopin : Nocturne Op. 27, No. 1.

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.

5. To shew a general knowledge of matters connected with marks and signs, tonality and form in the work presented for examination.

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. 1 in E flat, first movement.

Bach : Prelude and Figure in A (Bests edition Vol. 3).

Rheinberger : Sonata No. 1 in C minor, first movement.

Guilmant : Allegretto in B minor.

Gade : Three pieces Op. 22—No. 1 in F major.

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.

5, To shew a general knowledge of matters connected with marks and signs, tonality and form in the work presented for examination.

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 : Studies, Nos. 22 and 28.

   Rode : Caprices, No. 1.

   Bach : Sonata in C minor, No. 4, first and second movements.

   Grieg : Sonata in G, Op. 13, first movement.

   Wieniawski : Romance from 2nd Concerto.

   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*) Detached bowing—one note to a bow.

   (*b*) Slurred bowing—seven notes to a bow.

   (*c*) Spiccato bowing—two bows to each note.

   Arpeggios formed of common chords and their inversions.

   The compass of the scales and arpeggios to be up to the seventh position, but incomplete octaves will not be required.

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.

Singing.

Each candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of September, a list of works under the following headings :—

   Solfeggi.

   2 excerpts from Oratorios, one florid, one sustained, and at least one must include a Recit.

   1 Operatic excerpt in original language.

   1 Song in either, French, German, or Italian, other than the language chosen for the operatic excerpt.

   1 English Song.

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.

NOTE.—Candidates who passed the examination for the first year in 1911, or any prior year, may elect to be examined under the Syllabus for the year 1911.

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 : Prelude and Fugue in F minor from the first part of the "48."

Beethoven : Sonata in E flat Op. 81a.

Chopin : Scherzo in C sharp minor.

Schumann : Sonata in G minor, Op. 22—1st movement.

Brahms: Scherzo, Op. 4.

Liszt : "Au bord d'une source."

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: Fantasia and Fugue in G minor.

   Guilmant: Sonata in D.

   Handel: Concerto in F (1st movement only).

   Reger: Intermezzo, Op. 80, No. 10 (Peters, 3064b).

   Hollins: Concert Overture in C Minor.

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—

1. To play one or more pieces or any portions of them, selected by the Examiner or Examiners from the following list:—

   Kreutzer: 40 Studies, No. 33.

   Bach: Solo Sonata in A minor, Andante and Allegro.

   Beethoven: Sonata Op. 47 (the "Kreutzer") 2nd movement.

   Spohr: 9th Concerto, Adagio.

   Rode: Caprices, No. 9.

   Saint-Saens: Introduction and Rondo Capriccioso.

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, with slurred, detached, and spiccato bowing—compass extending to the ninth position.

Arpeggios formed of common chords, chords of the dominant seventh and chords of the diminished seventh, together with their inversions —compass extending to the ninth position.

Scales in third, sixths, and octaves, C, G, D, F, B flat, E flat major, A. E. D. minor—compass extending to the seventh position.

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.

Singing.

Each Candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of September, a list of works under the following headings :—

1 excerpt from an Oratorio with a Recit.

2 Operatic excerpts, one of which must be florid, in original language.

1 German Song.

1 French Song.

1 English Song.

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.

NOTE.—Candidates who passed the examination for the first year in 1911, or any prior year, may elect to be examined under the Syllabus for the year 1911.

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 by the candidate from the following list :

Bach : Invention in two parts, No. 8 in F.

Beethoven : Tempo di Minuetto from Op. 49, No. 2,
Bagatelles, Op. 33, No. 1, in E F'at.

Mendelssohn : Songs without words, No. 9 in E.

Schumann: Kinderscenen, No. 2 in D.

ELDER SCHOLARSHIPS.

REGULATIONS.

I. Scholarships shall be offered for competition among Australasian Students of Music.

*II. A Scholarship shall be tenable for three years, unless sooner determined under Regulation VI. hereof, 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.

A Scholarship shall not be awarded a second time to the same student for the same principal subject.

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 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.

III. The subjects for which Scholarships will be awarded shall for the present be—

Singing (two Scholarships).
Pianoforte Playing (two Scholarships).
Violin Playing (two Scholarships).
Musical Composition (one Scholarship).
Organ Playing (one Scholarship).
Violoncello Playing (one Scholarship).

If a Scholarship in any subject be not awarded, the Council may award the Scholarship for another subject.

IV. Candidates for Scholarships shall undergo such examination as the Council may from time to time direct.

* *Allowed 14th November*, 1912.

V. Should none of the Candidates competing for a Scholarship show sufficient merit, the Scholarship may be left vacant until such time as the Council may direct.

*VI. Every holder of a Scholarship shall, during each year of its tenure, take the course, and pass the examination, prescribed for the Diploma of Associate in Music. Failure to pass 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.

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.

VII. No person may hold more than one of the Elder Scholarships at the same time.

VIII. The limits of age for candidates for these Scholarships shall be as follows :—

Singing—17 to 24.
Pianoforte Playing—12 to 18.
Violin Playing—12 to 18.
Organ Playing—12 to 19.
Musical Composition—12 to 25.
Violoncello—12 to 18.

IX. An examination fee of 10s. 6d. shall be paid by each candidate for a Scholarship.

X. The places at which examinations for Scholarships shall be held and the mode in which such examinations shall be conducted shall be such as the Council approve.

* *Allowed 14th November, 1912.*
Allowed 7th December, 1914.

AWARDS.

For previous Awards see Calendars for 1908, 1912, and 1913.

1911 — Smith, Frank Henry (Special for Tenor Voice)
Davies, Harold Whitridge (Violoncello)
James, Gertrude Primrose } (Singing)
O'Dea, Kathleen Mary }
Oldham, Dorothy Christina Kate (Pianoforte)

1912 { Bampton, Alfred John (Organ)
Chaplin, Erica Rita Ina (Violin)

1913 { Day, Florence Muriel } (Singing)
Fischer, Jack }
McLeay, Lena (Pianoforte)
Killicoat, Harry Ormonde } equal (Violin)
Mewkill, Paula Mara }

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 BROOKMAN SCHOLARSHIP.

PROVIDED BY GEO. BROOKMAN, ESQ.

This Scholarship is of the annual value of £20, and is tenable for three years.

AWARD.

1913—Bottrill, Mary Sophie Sunbeam (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 of the Conservatorium 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.
5. Candidates shall be examined in the following subjects:—
   (i.) Reciting
   (ii.) Reading at sight
   (iii.) Prepared Reading, or
   Prepared Speaking (at the option of the candidate).
6 These rules may be varied from time to time by the Council.

* *Amended by Council 24th September, 1909.*
Made by Council 15th December, 1905.

AWARDS.

For previous awards see Calendars for 1911 and 1913.

1912 Twelftree, Flossie Ada
1913 Exton, Dorothy Caroline

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1914.

PART III.

Public Examinations.

PUBLIC EXAMINATIONS BOARD AND COMMITTEE.

LOCAL CENTRES AND RULES.

TIME TABLES OF EXAMINATIONS.

PRIMARY PUBLIC EXAMINATION.

JUNIOR PUBLIC EXAMINATION.

SENIOR PUBLIC EXAMINATION.

HIGHER PUBLIC EXAMINATION.

JUNIOR COMMERCIAL EXAMINATION.

SENIOR COMMERCIAL EXAMINATION.

TENNYSON MEDALS.

PRIZES.

The Pass Lists and Examination Papers for 1913 *are published in the Pamphlet issued by the Public Examinations Board.*

PUBLIC EXAMINATIONS BOARD and PUBLIC EXAMINATIONS COMMITTEE, 1914.

THE BOARD.

Professor Chapman (Chairman)
Professor Brown
Professor Kerr Grant
Professor Henderson
Professor Mitchell
Professor Naylor
Professor Osborn
Professor Rennie
Professor Stirling
Mr. E. V. Clark
Dr. W. T. Cooke
Mr. W. Fuller
Mr. H. W. Gartrell
Mr. W. Howchin
Dr. Mawson
Dr. Schulz
Mr. J. R. Fowler

THE COMMITTEE.

The members of the Board and, in addition :—

Rev. Canon Girdlestone
Mr. F. Chapple
Rev. C. F. Graebner
Miss M. E. Patchell
Rev. D. G. Purton
Mr. A. H. Neale
Mr. F. W. Russack

Secretary :
R. J. M. Clucas, B.A.

Applications for forms of entry, for the formation of Centres, and all payments, are to be made to the Registrar of the University; other communications to the Secretary.

LOCAL CENTRES.

Candidates may be examined at Local Centres in which a Committee of Management has been formed and approved by the Board.

Candidates desiring to sit at these Centres must make all applications, payments, and communications to the Local Secretaries. All Local Centres in Western Australia are managed by the Committee in Perth.

For list of Centres and Officers see page 29.

FORMATION OF COUNTRY CENTRES.

Rules.

The Council is willing to establish Local Centres for the delivery of Extension Lectures and for the holding of Public Examinations in country towns in which it can be shown that such Centres are likely to be of benefit.

1. Any application for the formation of a new Centre shall contain the following information :—

   (*a*) Distance from any existing Centre, and means of communication with such Centre ;

   (*b*) For what Examinations candidates are likely to be forthcoming ;

   (*c*) What schools there are in the neighbourhood, whether public or private, with approximate number of pupils.

2. Whenever an application for the formation of a Centre has been favourably entertained, the following procedure shall be observed, viz. :—

   A Committee composed of well-known persons occupying responsible positions, who have no such personal interest in the candidates as can lay them open to suspicion of partiality, shall be appointed at a public meeting convened for the purpose. A Chairman and Secretary shall also be appointed, either at the public meeting or by the Committee.

   At the public meeting it should be explained :—

   (*a*) That the University is prepared to arrange for the delivery of Extension Lectures and for the holding of the Primary, Junior, Senior, and Higher Public Examinations, and the Junior Commercial and Senior Commercial Examinations ; also the Public Examinations in Theory and Practice of Music ;

   (*b*) That no charges beyond the statutory fees will be made, but that a room suitable for the Examinations must be provided free of cost to the University ;

   (*c*) That the supervision of Examinations must be undertaken by members of the Committee ;

(*d*) That any local expenses in connection with the delivery of Extension Lectures or of the holding of Examinations must be defrayed locally;

(*e*) That copies of the Extension Lectures scheme, copies of the Public Examinations Manual, and of the Music Examinations syllabus, and entry forms for all Examinations, may be obtained from the Local Secretary, with whom all entries should be lodged.

3. The election of a Committee and Officers shall be at once notified to the Council. The Committee shall have power to fill any vacancy, but in all cases the Council reserves the right of approving or disapproving of any proposed Committee or of any member of it.

4. If considered desirable by the University, an officer shall attend the public meeting convened for the purpose of forming a Centre, and explain objects, methods, &c, and occasionally visit the Centre.

5. Applications for the formation of new Centres must be made to the Registrar.

Further information will be found in the detailed instructions to Local Centres.

PRIMARY PUBLIC EXAMINATION.

REGULATIONS.

*[1. Every candidate must satisfy the Public Examinations Board in at least four of the following subjects, of which two must be numbers 1 and 2:—

(1) English Grammar and Composition and Dictation
(2) Arithmetic
(3) Geography of the British Isles and Australasia
(4) English History
(5) Greek
(6) Latin
(7) French
(8) German
(9) Algebra
(10) Geometry
(11) Drawing, or Theory of Music.

* *Allowed 21st December*, 1910.

II. A candidate who does not pass in four subjects, including numbers 1 and 2, fails in the whole examination.

III. The examination will be held during the month of August or September in each year.

†IV. Candidates must give six weeks' notice of their intention to present themselves, and such notice must be given on a printed form, which may be obtained from the Registrar or, in the case of Local Centres, from the Local Secretary.

*V. Each candidate at the time of giving notice to attend shall pay a fee of 10s.; and if he enters for more than four subjects he shall pay a fee of 2s. 6d. for each additional subject; but these fees do not include the fee for Theory of Music.

In no case will the fee be returned; but if, not less than seven days before the examination, a candidate shall notify to the Secretary his intention to withdraw, the fee shall stand to his credit for a future examination.

VI. Candidates who may fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

VII. A list of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the report on the public examinations.

VIII. Each successful candidate shall be entitled to a certificate showing in what subjects the candidate has passed.

IX. On application to the Secretary to the Board unsuccessful candidates shall be informed in what subjects they have failed.

X. Schedules defining as far as may be necessary the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

† *Allowed 13th January*, 1909.
* *Allowed 21st December*, 1910
Allowed 11th December, 1901.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN AUGUST, 1914.

1. ENGLISH.

(*a* GRAMMAR. An elementary knowledge of grammatical distinctions, including inflexions, the parsing and analysis of sentences, and the detection of grammatical errors. The meaning of words in common use.

(*b*) COMPOSITION. An essay or letter on a simple subject, mainly to test grammatical accuracy and punctuation.

(*c*) DICTATION AND REPETITION. A list of words in common use. The words will be taken from E. Lee's *Selections from English literature, bk* 1. (*Arnold.* 1*s.* 6*d.*) Repetition of these passages: 'Then loudly cried . . . . died away' (p. 79); 'Then was committed . . . . to fire among them' (p. 124); 'Who is he that cometh . . . . to his name' (p. 139).

2. ARITHMETIC.

Easy questions on the elementary processes of arithmetic, including fractions, non-recurring decimals, practice, and rectangular areas and volumes.

3. GEOGRAPHY OF THE BRITISH ISLES AND AUSTRALASIA.

Geography of Australasia and of the British Isles, to be dealt with on the lines of Young's *Rational geography, pt* 1 (*Philip.* 1*s.* 6*d.*). Teachers are advised to base the regional work on the general principles laid down in ch. i—xi. Candidates may be required to draw sketch-maps.

4. ENGLISH HISTORY.

Tout, T. F. *First book of English history.* (*Longmans' Hist. ser. for schools, bk.* 1. 2*s.* 6*d.*)

5. GREEK.

Underhill, H. G. *Easy exercises in Greek accidence* (*Macmillan.* 2*s.*), exercises i-xviii. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray.* 6*d. net*).

6 LATIN.

Longmans' *Latin course, pt.* 1. (*Longmans.* 1*s.* 6*d.*) Teachers are recommended to use the terminology of Sonnenschein's *New Latin grammar* (*Clar. Pr.* 2*s.* 6*d.*).

7. FRENCH.

A written paper on the following syllabus:

(*a*) Moore, J. M., and Donaldson, J. *Intermediate French course, pt.* 1.

(*Blackie.* 1*s. net.*) Teachers are recommended to use the terminology of Sonnenschein's *New French grammar* (*Clar. Pr.* 2*s* 6*d.*).

(*b*) Easy translation from French into English, and from English into French. The vocabulary required will be that used in the grammar.

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-book. This will take the place of certain questions in the above paper. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

8. GERMAN.

A written paper on the following syllabus:

(*a*) Grammar. Fasnacht, G. E. *Progressive German course, first year.* (*Macmillan.* 1*s.* 6*d.*), pp. 1-77. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray.* 6*d. net*).

(*b*) Easy translation from German into English, and from English into German. The vocabulary required will be that used in the grammar.

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-book. This will take the place of certain questions in the above paper. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

9. ALGEBRA.

Elements of algebra, including addition, subtraction, multiplication, division, easy fractions, easy equations of the first degree containing not more than two unknown quantities, with problems leading to such equations.

10. GEOMETRY.

THEORETICAL GEOMETRY. The substance of the theorems contained in Euclid, Book I, Propositions 4–6, 8, 13–16, 18–20, 26–30, 32–34; questions upon these theorems, easy deductions, and arithmetical illustrations.

PRACTICAL GEOMETRY. The following constructions and easy extensions of them: Bisection of angles and of straight lines; construction of perpendiculars to straight lines; construction of angles equal to a given angle; simple cases of the construction of triangles from sufficient data; construction of parallels to a given straight line; division of a straight line into any number of equal parts.

Text-book recommended:

Hall and Stevens. *School geometry, pt.* 1 (*Macmillan.* 1*s.*), to the end of the exercises on the construction of triangles.

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

11*a*. DRAWING.*

i. First Grade Freehand, and
ii. First Grade Plane Geometry.

Text-books recommended :

Gill, H. P. *Freehand design.* (*Gill.*)
Gill, H. P. *Practical plane geometry.* (*Gill.* 1*s.*)

For the present the University will not examine in these subjects, but will accept the certificates of the Education Department of South Australia. The examination, however, must be passed at the same time as the other subjects of the examination.

* For particulars concerning Drawing apply to the Principal and Examiner, Adelaide School of Art.

11*b*. MUSIC.

The Board does not examine in this subject, but candidates are required to pass in Grade III of the Public Examinations in Music held by the Universities of Melbourne, Adelaide, Tasmania, and Queensland jointly.

JUNIOR PUBLIC EXAMINATION.

REGULATIONS.

*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects, but there is no limit to the number of subjects for which a candidate may sit :—

(1) English Literature
(2) English History
(3) Geography
(4) Greek
(5) Latin
(6) French
(7) German
(8) Arithmetic
(9) Algebra
(10) Geometry
(11) Physics
(12) Inorganic Chemistry
(13) Physiology
(14) Botany
(15) Drawing or Theory of Music.

* *Allowed 7th December*, 1904.

†II. The examination shall be held annually in the month of November or December.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

†V. The following fees, which do not include fees for Drawing or Theory of Music, shall be paid by each candidate on entering his name for examination :—

For candidates who have not previously presented themselves	£1	0	0
Subsequent entries :			
For each separate subject	0	5	0
Or,			
For four or more subjects	1	0	0

In no case will the fee be returned, but if, not less than seven days before the examination, a candidate shall notify to the Secretary to the Board his intention to withdraw, the fee shall stand to his credit for a future examination.

*VI. 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 printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

*VIII. (*a*) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations ;

*Allowed 7th December, 1904.
†Allowed 19th January, 1910.

(*b*) The names of candidates who have distinguished themselves in the several subjects will also be published ;

(*c*) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under sixteen years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

IX. Schedules defining as far as may be necessary the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1914.

1. ENGLISH LITERATURE.

(*a*) Lee, E. *Selections from English literature, bk.* 1 (*Arnold.* 1*s.* 6*d.*); with repetition as for Primary Examination, and in addition: 'The Arabs then began . . . . in safety to the western bank' (p. 204).

(*b*) Composition: Punctuation, order of words, structure of sentences, purity and propriety of diction.

[These subjects are dealt with in Nesfield's *Manual of English grammar and composition* (*Macmillan.* 2*s.* 6*d.*), ch. xiv–xix.]

(*c*) Candidates are required to do exercises in parsing and analysis.

2. ENGLISH HISTORY.

Tout, T. F. *History of Great Britain from the earliest times to the present day. (Longmans' Hist. ser. for schools, bk.* 2. 3*s.* 6*d.*)

3. GEOGRAPHY.

General knowledge of the geography of the world. More detailed knowledge of the British Empire. Sketch-maps may be required of any portion of the British Empire, including the more important information contained in ordinary school maps.

Books suggested:

(*a*) Young, E. *Rational geography, pts.* 1—3. (*Philip.* 1*s.* 6*d.* each).

(*b*) Howchin, W. *Geography of South Australia* (*Whitcombe and Tombs.* 3*s.* 6*d.*): *pts.* 1, 3, and 4 Alternative questions will be set for such candidates as prefer to deal with Western Australian conditions.

4. GREEK.

(*a*) Grammar.

Rutherford, W. G. *First Greek accidence.* (*Macmillan.* 2*s.*) Teachers are asked to adopt the terminology recommended by the joint Committee on Grammatical Terminology: *On the terminology of grammar (Murray.* 6*d. net).*

Naylor, H. D. *Short parallel syntax of Latin and Greek.* (*G. Hassell & Son* 1*s.* 3*d.*) Sentences will be set on the subject-matter with which this text-book deals, but detailed knowledge will not be required at this stage.

(*b*) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

Vocabulary will be such words as are found in Thucydides' *Rise of the Athenian empire; ed. by F. H. Colson* (*Macmillan.* 1*s.* 6*d.*) This book is not set as a text-book, but is recommended merely as a general guide to teachers.

(*c*) Easy translation from Greek into English.

5. LATIN.

(*a*) Grammar. As a general guide to vocabulary and the range of questions in grammar and translation, Longmans' *Latin course, pt.* 2 (*Longmans.* 2*s.* 6*d.*), is suggested. Sonnenschein's *new Latin grammar* (*Clar. Pr.* 2*s.* 6*d.*) is recommended for reference, and teachers are asked to adopt the terminology used in it.

Sentences will be set on the subject-matter with which Naylor's *Short parallel syntax of Latin and Greek* (*G. Hassell and Son.* 1*s.* 3*d.*) deals, but detailed knowledge will not be required at this stage.

(*b*) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

Vocabulary will be such words as are found in *Scenes from the life of Hannibal: selections from Livy: ed. by W. D. Lowe* (*Clar. Pr.* 1*s.* 6*d.*) This book is not set as a text-book, but is recommended merely as a general guide to teachers.

(*c*) Easy translation from Latin into English.

6. FRENCH.

A written paper on the following syllabus:

(*a*) Grammar. Teachers are recommended to use the terminology of Sonnenschein's *New French Grammar* (*Clar. Pr.* 2*s.* 6*d.*)

(*b*) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

Vocabulary will be such words as are found in Arnold's *Lectures françaises: bk.* 1, *by J. S. Wolff (Arnold.* 1*s.* 3*d.*). This book is not set as a text-book, but is recommended merely as a general guide to teachers.

(*c*) Easy translation from French into English.

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-books. This will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed twenty per cent. of the total. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

7. GERMAN.

A written paper on the following syllabus:

(*a*) Grammar. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray*. 6*d. net*).

(*b*) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

Vocabulary will be such words as are found in *First German reader; ed. by V. L. Savory* (*Arnold*. 1*s.* 6*d.*). This book is not set as a text-book, but is recommended merely as a general guide to teachers.

(*c*) Easy translation from German into English.

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-books. This will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed twenty per cent. of the total. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

8. ARITHMETIC.

As for the Primary Examination and, in addition: interest and discount, percentages, profit and loss, ratio and proportion, unitary method, square roots, stocks and shares, metric system and approximations, areas of parallelograms triangles and circles, volumes of prisms and pyramids.

9. ALGEBRA.

As for the Primary Examination and, in addition: fractions and factors; greatest common measure and least common multiple; the solution of equations of the first degree and questions producing such equations; and the solution of easy quadratic equations involving one unknown quantity. Questions may be set on graphs, and when such papers are set, squared paper will be provided.

10. GEOMETRY.

As for the Primary Examination and, in addition:

THEORETICAL GEOMETRY. The substance of the theorems contained in Euclid, Book I, Propositions 33-41, 43, 47, 48, and Book III, Propositions 3, 7-9, 14-16, 18-22, 26-29, 31, 32; questions upon these theorems, easy deductions, and arithmetical illustrations.

PRACTICAL GEOMETRY. Construction of a square on a given side; simple cases of the construction of quadrilaterals from a sufficient number of data; division of straight lines into a given number of

equal parts; construction of a parallelogram or a triangle equal in area to a given polygon; bisection of arc of a circle; construction of tangents to a circle; construction of common tangents to two circles; simple cases of the construction of circles from sufficient data; construction of a segment of a circle containing an angle of given magnitude.

Text-book recommended:

Hall and Stevens. *School geometry, pts.* 1-2, *pt.* 3 up to Problem 24 (*Macmillan, pts.* 1-3. 2*s.* 6*d.*)

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

11. PHYSICS.

(*a*) THEORETICAL. Questions will be set requiring a knowledge of elementary principles of mechanics, hydrostatics, and heat, and of simple illustrative experiments. Text-books recommended: Rintoul's *Introduction to practical physics* (*Macmillan.* 2*s.* 6*d.*), and the corresponding portions of Gregory and Hadley's *Class book of physics, pts.* 1-3 (*Macmillan.* 2*s.*).

(*b*) PRACTICAL. It is desirable that experimental exercises should be performed such as those described in the text-book. Candidates may submit laboratory note-books containing the dated records of not less than *twenty* experiments on the subject-matter prescribed. No marks will be assigned in the examination, but the examiners will report on the practical work in *Notes by Examiners.* These books should be initialled after each experiment by the science master in charge of the laboratory, and countersigned on the last page by the head master.

N.B. *It is to be understood that this practical work is voluntary.*

12. INORGANIC CHEMISTRY.

Text-book recommended:

Parrish, S. *Chemistry for organised schools of science; with introd. by D. Forsyth.* (*Macmillan.* 2*s.* 6*d.*)

13. PHYSIOLOGY.

Text-book recommended:

Foster and Shore. *Physiology for beginners.* (*Macmillan.* 2*s.* 6*d.*)

Candidates will be required to show a practical acquaintance with the position, appearance, and general structure of the principal organs of the vertebrate body.

14. BOTANY.

Candidates are expected to show such knowledge of the subject-matter of the syllabus as can be acquired by naked eye observation.

Structure and mode of life of flowering plants; elementary facts concerning the life processes of green plants as shown by simple experiments illustrating respiration, root absorption, transpiration, and carbon assimilation; the form and functions of roots, stems, leaves; nature and structure of common fruits, illustrating achene, capsule, drupe, berry, pome; the structure and function of a typical flower; modes of dispersal of seeds and fruits; the structure of a seed, its mode of germination, and growth of seedling, as seen in wheat, bean, and melon.

The foregoing syllabus can be sufficiently illustrated by the plants of lily, buttercup, wallflower, orange, apricot and quince, bean, eucalyptus, salvia, sunflower.

15*a*. DRAWING.*

i. First Grade Model (Fee for examination, 2*s*.), and

ii. Intermediate Geometry (Fee, 3*s*.)

Candidates are advised that a knowledge of First Grade Plane Geometry will be necessary to the working of the problems in this subject.

Text-book recommended:

Gill, H. P. *Elementary solid geometry or projection, pt.* 1. *(Gill.* 1*s.)*

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, or of the Education Department of South Australia. The University will accept fees and conduct examinations on behalf of the Education Department.

Candidates who wish to have Drawing recorded as one of their subjects must enter it on the appropriate entry form for the November examination.

* For particulars concerning Drawing apply to the Principal and Examiner, Adelaide School of Art.

b. THEORY OF MUSIC.

The Board does not examine in this subject, but candidates are required to pass in Grade II of the Public Examinations in Music held by the Universities of Melbourne, Adelaide, Tasmania, and Queensland jointly. Candidates, however, who hold the certificate of the University of Adelaide in Senior Theory of Music for 1903 or later, will be credited with this subject.

SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	300	Algebra	300
English History	300	Geometry	300
Geography	200	Physics	200
Greek	400	Chemistry	200
Latin	400	Physiology	200
French	300	Botany	200
German	300	†Drawing	
Arithmetic	200	†Theory of Music	

† This subject does not count for the general honour list.

SENIOR PUBLIC EXAMINATION.

REGULATIONS.

*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects:—

(1) English Literature
(2) Modern History or Ancient History
(3) Greek
(4) Latin
(5) French
(6) German
(7) Arithmetic and Algebra
(8) Geometry
(9) Trigonometry
(10) Physics
(11) Inorganic Chemistry
(12) Physiology
(13) Botany
(14) Physical Geography and Geology
(15) Drawing or Theory of Music.

†II. (*a*) The examination shall be held annually in the month of November or December.

(*b*) A special examination will be held in March, at which only those who are undergraduates or who intend to enter in the same year upon a course of study for a degree or for the final certificate in Law shall be allowed to present themselves. Candidates for this examination must enter their names at least one month previously, and must state for which course of study they intend to enter.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the

* *Allowed 13th January*, 1909
† *Allowed 19th January*, 1910.

subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

*V. The following fees, which do not include fees for Drawing or Theory of Music, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves	£1 10 0
Subsequent entries :—	
For each separate subject or division	0 10 0
Or,	
For three or more subjects.	1 10 0

SPECIAL EXAMINATION IN MARCH.

For the whole examination	£3 0 0
Or, for each separate subject or division	1 0 0

In no case will the fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary to the Board his intention to withdraw, the fee shall stand to his credit for a future examination.

†VI. 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 printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

*VIII. *(a)* The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations.

(b) The names of candidates who have distinguished themselves in the separate subjects will also be published.

* *Allowed 19th January*, 1910.
† *Allowed 7th December*, 1904.

(*c*) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under seventeen years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

Clauses (*b*) *and* (*c*) *of this Regulation do not apply to the Special Examination in March.*

IX. Schedules defining, as far as may be necessary, the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1914, AND MARCH, 1915.

1. ENGLISH LITERATURE.

The following text book may be used instead of that prescribed under (*b*):

(*b*) Fowler, J. H. *English essays* (*Macmillan.* 1*s.* 6*d.*); with repetition of these passages: 'When I view . . . . every beholder' (p. 8, line 26, to p. 9, line 27) - 'As I write . . . . *Pilgrims' Progress*' (p. 47, line 28, to p. 48, line 18,); 'But the true poet . . . . Proteus' (p. 71, line 19, to p. 72, line 8).

Herrick, Shakespeare, and Ben Jonson.

(*d*) Composition: As for the Junior, together with Clearness, ease, terseness, and elegance of diction; figures of rhetoric.

[These subjects are dealt with in Nesfield's *Manual of English grammar and composition* (*Macmillan.* 2*s.* 6*d.*) ch. xiv–xxiii, xxvi.]

2. HISTORY.

Candidates may enter either for (*a*) or (*b*), or for both, but only one of these divisions will count for general honour list or certificates.

(*a*) MODERN HISTORY.

Gardiner, S. R. *Students' history of England, vol. II,* 1509–1689. (*Longmans.* 4*s.*)

(*b*) ANCIENT HISTORY.

Shuckburgh, E. S. *History of Rome for beginners* (*Macmillan.* 3*s.* 6*d.*), ch. xi–xxi.

Oman, C. W. C. *History of Greece, 8th ed.* (*Longmans.* 4*s.* 6*d.*). ch. xxvii–xxxiv.

3. GREEK.

(*a*) Grammar.

Rutherford, W. G. *First Greek accidence.* (*Macmillan.* 2*s.*) Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray.* 6*d. net*).

Naylor, H. D. *Short parallel syntax of Latin and Greek.* (*G. Hassell & Son.* 1*s.* 3*d.*) Sentences will be set on the subject-matter with which this text-book deals.

(*b*) Prose composition.

(*c*) Passages for translation from unprepared books.

(*d*) Thucydides. *Fall of Plataea and The plague at Athens.* (*Macmillan's Elem. class.* 1*s.* 6*d.*).

Euripides. *Hercules Furens; ed. by E. H. Blakeney* (*Blackwood's class. texts* 2s. 6d.). Candidates may omit lines 107-139, 348-480, 637-700, 757-821, 875-908, 1016-1041.

4. LATIN.

(*a*) Grammar. Teachers are asked to adopt the terminology used in Sonnenschein's *New Latin grammar* (*Clar. Pr.* 2*s.* 6*d.*). Sentences will be set on the subject-matter of Naylor's *Short parallel syntax of Latin and Greek.* (*G. Hassell & Son.* 1*s.* 3*d.*)

(*b*) Prose composition.

(*c*) Passages for translation from unprepared books.

(*d*) Livy. *Book XXII* (*Blackie's Illus. Latin ser.* 2*s.* 6*d.*), ch. xxxvii-lxi.

Vergil. *Aeneid, book II; ed. by T. E. Page.* (*Macmillan's Elem. class.* 1*s.* 6*d.*)

5. FRENCH.

A written paper on the following syllabus:

(*a*) Grammar. Teachers are asked to adopt the terminology used in Sonnenschein's *New French grammar* (*Clar. Pr.* 2s. 6*d.*).

(*b*) Prose composition.

(*c*) Passages for translation from unprepared books.

(*d*) Daudet. *Le petit Chose: histoire d'un enfant, pt.* 1; *ed. by S. Tindall.* (*Macmillan.* 2*s.* 6*d*)

La Fontaine. *Longer fables; ed by A. H. Wall.* (*Blackie's Little French class.* 4*d.*)

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-books. This will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed fifteen per cent. of the total. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

6. GERMAN.

A written paper on the following syllabus ;

(*a*) Grammar. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology : *On the terminology of grammar* (*Murray*. 6*d*. *net*).

(*b*) Prose composition.

(*c*) Passages for translation from unprepared books.

(*d*) Goebel. *Hermann der Cherusker ; ed. by J. Esser.* (*Macmillan*. 2*s*.).

Boyes, M. *Poems for recitation.* (*Blackie's Little German class*. 6*d*.)

Candidates may, at their option, take an oral test in dictation and in reading aloud from the text-books. This will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed fifteen per cent. of the total. Those who wish to take the oral test in 1914 will be required to sit at Adelaide.

7. ARITHMETIC AND ALGEBRA.

ARITHMETIC, including the theory of the various processes; the elements of mensuration, including the areas of parallelograms, triangles, circles, and the surfaces of spheres and cones ; the volumes of parallelopipeds, prisms, pyramids, spheres, and cones.

ALGEBRA as for the Junior Examination and, in addition : quadratic equations involving one or more unknown quantities, and problems leading thereto ; indices and surds ; ratio and proportion ; the nature of logarithms, and the use of logarithms to the base 10.

8. GEOMETRY.

As for the Junior Examination, and in addition :

THEORETICAL GEOMETRY. The substance of the theorems contained in Euclid, Book III, Propositions 35-37 ; Book II, Propositions 1-7, 12, 13 ; Book VI, Propositions 1-8, 19, 20, 31, 33, and A, B, C, and D (Ptolemy's theorem) ; questions upon these theorems, easy deductions from them, and arithmetical illustrations.

PRACTICAL GEOMETRY. The construction of the circumscribed, inscribed, and escribed circles of a triangle ; the construction of an inscribed or circumscribed triangle in a circle equiangular to a given triangle ; the construction of regular polygons in and about circles ; the construction of a circle in or about a regular polygon; construction of a square equal in area to a given rectangle ; division of a straight line so that the rectangle contained by the whole and one part may be equal to the square on the other part ; construction of an isosceles triangle having each of the angles at the base double the vertical angle ; constructions of a fourth proportional to three given straight lines, and of a third proportional and mean proportional to two given straight lines ; division of a given straight line internally and externally in a given ratio ; construction of a figure similar to a given rectilineal figure and equal to a given fraction of it in area.

Text-book recommended:

Hall & Stevens, *School geometry, pts.* 1-4, *pt.* 5 up to Theorem 78. (*Macmillan. Pts.* 1-5. 4*s.*)

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

9. TRIGONOMETRY.

The measurement of angles in rectangular and circular measure; the trigonometrical ratios; determination of the values of the trigonometrical ratios for angles of 0°, 30°, 45°, 60°, and 90°; relations between the trigonometrical ratios of the same angle; expression of any one of these ratios in terms of any other; construction of angles with given trigonometrical ratios; solution of simple trigonometrical equations; solution of right-angled triangles; measurement of the trigonometrical ratios of angles in the different quadrants, and the tracing of the changes of value as the angle varies from 0° to 360°; expressions for the sine, cosine, tangent, and cotangent of the sum and difference of two angles in terms of the corresponding ratios of the angles; trigonometrical ratios of multiple angles; common logarithms and the use of mathematical tables; such relations between the sides and angles of a triangle as are necessary for the solution of triangles, having given three sides, or one side and two angles, or two sides and the angle between them.

Either of the following books will be found suitable, but any book may be used provided the preceding syllabus be covered:

Loney, S. L. *Elements of trigonometry* (*Cambridge Univ. Pr.* 3*s.* 6*d.*), ch. i—xii, xiv.

Playne and Fawdry. *Practical trigonometry.* (*Arnold.* 2*s* 6*d.*)

10. PHYSICS.

(*a*) THEORETICAL WORK.

Heat, light, sound, magnetism, and electricity, as contained in Wright's *Elementary physics.* (*Longmans.* 2*s.* 6*d.*) A knowledge of the principles involved in the subjoined list of experiments will also be required.

(*b*) PRACTICAL WORK. Candidates may submit laboratory note-books containing the dated descriptions of not less than *twenty-five* experiments on the syllabus prescribed. No marks will be assigned in the examination, but the examiners will report on the practical work in *Notes by examiners.* These note-books should be initialled after each experiment by the science master in charge of the

laboratory, and countersigned on the last page by the head master. Note-books should be handed in by the candidates at the time of presenting themselves for examination, and will be returned on application after the publication of results.

N.B. *It is to be understood that this practical work is voluntary.*

The following list of experimen's is intended merely to suggest the type and standard which will satisfy the Board, and is not meant to restrict the freedom of the teacher in selecting or devising experiments. It is, however, essential that any course of experimental work should be representative of the complete syllabus.

i. *Heat.*

(1) The thermometer: calibration by standard; test of fixed points.
(2) Determination of coefficient of apparent expansion of liquid in glass.
(3) Simple air-thermometer.
(4) Determination of specific heat of a solid or liquid by the method of mixtures.
(5) Determination of the melting-point of a solid such as paraffin wax (i) by the direct method, (ii) from observation of the rate of cooling.
(6) Determination of the boiling-point of a liquid such as alcohol (i) by the direct method, (ii) by the U-tube (Jones's) method.
(7) Preparation of freezing mixtures.
(8) Lowering of temperature by evaporation.
(9) Comparison of conducting powers of solids.

ii. *Light.*

(10) Photometry: determination of the candle-power of a source of light by means of Bunsen's, Joly's, or Rumford's photometer.
(11) Law of reflection.
(12) Law of refraction.
(13) Focal length of concave mirror: conjugate focal points; magnification of image.
(14) Focal length of converging lens: conjugate focal points.
(15) Total reflection: critical angle for water.
(16) Formation of a pure spectrum.
(17) Colour mixtures.

iii. *Sound.*

(18) Non-transmission of sound *in vacuo*.
(19) The sonometer: laws of vibratory strings.
(20) Resonance: velocity of sound by tuning-fork and resounding air column.
(21) Reflection of sound.

iv. *Magnetism.*

(22) Properties of the bar magnet: determination of magnetic poles and axis; distribution of free magnetism.
(23) Magnetic induction.
(24) Methods of magnetization.
(25) Map of lines of force of bar or horse-shoe magnet.
(26) Determination of the declination. (The geographical meridian should be determined once for all and marked in the laboratory.)
(27) Determination of the dip.

v. *Electricity.*

(28) The gold-leaf electroscope: development of equal and opposite charges by friction; induction by Faraday's ice-pail experiment; comparative insulating powers of substances.
(29) The plate-condenser.
(30) The condensing electroscope; comparison of the E.M.F.'s of cells.
(31) Construction of simple voltaic cell; effects of current in wire.
(32) Polarization of simple cell.
(33) The galvanometer.
(34) Variation of current with resistance; Ohm's law.
(35) Electrolysis; the copper voltameter.
(36) Magnetic action of coil carrying a current; the electromagnet.

The following books may be consulted:

Glazebrook, R. T. *Heat.* (*Camb. Univ. Pr.* 3*s.*)
Hadley, H. E. *Magnetism and electricity for beginners.* (*Macmillan.* 2*s.* 6*d.*)

11. INORGANIC CHEMISTRY.

Text-book recommended:

Fisher, W. W. *Class book for elementary chemistry, 5th ed.* (*Clar. Pr.* 4*s.* 6*d.*), omitting ch. xxx-xxxiv.

12. PHYSIOLOGY.

Text-book recommended:

Hill, L. *Manual of human physiology.* (*Arnold.* 6*s.*) A detailed knowledge of the physics and chemistry contained in the first six chapters or occurring elsewhere in the text-book will not be required.

Candidates will be required to show a practical acquaintance with the position, appearance, and structure of the most important tissues and organs of the vertebrate body, and may be called upon to perform some easy exercise in dissection.

13. BOTANY.

Candidates are expected to show such knowledge as may be obtained by naked eye observation or observation with a hand lens.

Structure and mode of life of plants: an experimental knowledge of the processes and the factors governing root absorption, transpiration, carbon assimilation, and respiration; germination and growth of plants—the influence of external factors upon growth, e.g., light, heat, gravity, etc; the general morphology, structure, and functions of roots, stems, and leaves; their modifications and adaptations to the environment; the structure and function of a flower, and the modes of pollination; the nature and structure of fruits and seeds, and their methods of dispersal; vegetative reproduction of plants.

The distinguishing characters and the oecological adaptations of the following natural orders: Liliaceae, Orchidaceae, Gramineae, Ranunculaceae, Cruciferae, Rutaceae, Rosaceae, Leguminoseae, Proteaceae, Myrtaceae, Scrophulariaceae, Compositae, Goodeniaceae

As evidence that practical work has been carried out during the year, candidates will be required to submit note-books in which have been recorded results and explanations of the experiments and observations they have made on the physiology and oecology of plants, as well as drawings and notes illustrating at least one example in each of the specified orders; each record is to be dated, and satisfactory evidence furnished that, except where otherwise indicated, such records are the work of the candidates themselves.* Excellent experiments are given in Osterhout's *Experiments with plants* (*Macmillan. 5s. net*), and in Stevens's *Introduction to botany* (*Heath. 4s. 6d.*), but it is not intended to restrict the freedom of the teacher in selecting or devising experiments. It is, however, advisable that the course of experimental work should be as far as possible representative of the complete syllabus. No marks will be assigned in the examination, but if the note-books are not of sufficient merit the candidate will not be allowed to pass. The books should be handed in by the candidates at the time of presenting themselves for examination, and will be returned on application after the publication of results.

Text-books recommended:

Ewart, A. J. *Elementary botany* (*Univ. Tutorial Pr. 3s. 6d.*), omitting the section on the origin of phyllotaxis and that on the microsopical development of the ovule.

For reference:

Tate, R. *Flora of South Australia.* (*S. A. Education Dept. 2s. 6d. net.*)

Black, J. M. *Naturalised flora of South Australia.* (*Black. 5s.*)

* Forms of certificate to be attached to the note-books may be obtained at the University.

14. Physical Geography and Geology.

Text-books recommended:

(*a*) Smith, B. *Physical geography for schools.* (*Black. 3s. 6d.*)

(*b*) Howchin, W. *Geography of South Australia*, (*Whitcombe and Tombs*. 3s. 6d.); *introduction*, *pt.* 2 (flora and fauna excepted), and *pt.* 4. Alternative questions will be set for such candidates as prefer to deal with Western Australian conditions.

15*a*. DRAWING.*

Candidates must pass in i and ii, or in i, iii, and iv.

i. Intermediate Perspective. (Fee for examination, 3s.)
ii. Second Grade Plane Geometry. (Fee, 3s.)
iii. Second Grade Freehand. (Fee, 3s.)
iv. Second Grade Model. (Fee, 3s.)

Candidates for i must have a knowledge of First Grade Plane Geometry and Intermediate Geometry; for ii must have a knowledge of First Grade Plane Geometry; and for iii and iv *must have taken* the certificates in First Grade Freehand and First Grade Model.

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, or of the Education Department South Australia. The University will accept fees and conduct examinations on behalf of the Education Department.

Candidates who wish to have Drawing recorded as one of their subjects must enter it on the appropriate entry form for the November (or March) examination

* For particulars concerning Drawing apply to the Principal and Examiner, Adelaide School of Art.

15*b*. THEORY OF MUSIC.

The Board does not examine in this subject, but candidates are required to pass in Grade I of the Public Examinations in Music held by the Universities of Melbourne, Adelaide, Tasmania, and Queensland jointly.

SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	300	Trigonometry	200
History, (*a*) or (*b*)	300	Physics	200
Greek	400	Chemistry	200
Latin	400	Physiology	200
French	300	Botany	200
German	300	Physical Geography and Geology	200
Arithmetic and Algebra	300	†Drawing	
Geometry	300	†Theory of Music	

† This subject does not count for the general honour list.

HIGHER PUBLIC EXAMINATION.

REGULATIONS.

I. A Higher Public Examination shall be held annually, in the month of November or December.

II. Candidates may be examined in any five, but not more than five, of the following subjects at one examination :—

1. English Literature.
2. Modern History.
3. Ancient History.
4. Greek.
5. Latin.
6. French.
7. German.
8. Algebra and Trigonometry.
9. Geometry and Trigonometry.
10. Applied Mathematics.
11. Physics.
12. Inorganic Chemistry.
13. Biology ; or
14. Botany.
15. Physiology
16. Physical Geography and Geology.

III. The following fees shall be paid by each candidate on entering his name for the examination :—

For candidates who have entered for the Senior Public Examination in the current or any previous year	...	0	2 6	for each subject or division
Other candidates ..	...	0	10 0	for each subject or division

In no case will the fee be returned, but if, not less than seven days before the examination, a candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.

IV. 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 exam-

ination, and such notice must be given on a form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

V. (*a*) The names of candidates who have distinguished themselves in the whole examination shall be published in order of merit.

(*b*) Lists shall be published of candidates who have distinguished themselves in the separate subjects.

(*c*) An alphabetical list of successful candidates shall be published, showing the subjects in which each candidate passed, and the last place of education from which each candidate came.

(*d*) Certificates shall be issued to candidates who pass in one or more subjects.

(*e*) The Government bursaries granted by the Education Department of South Australia shall be recommended for award under the conditions laid down in the Regulations of the Education Department; and the recommendation will be determined by the aggregate marks obtained by the candidate in not more than five subjects, together with the marks obtained for an English essay specially set for bursary candidates.

VI. The syllabus defining as far as may be necessary the range of the questions to be set, and the scale of maximum marks assigned to each subject, shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 23rd November, 1911.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER OR DECEMBER, 1914.

N.B.—In this examination the information required for answering every question may not be found in the text-books.

1. ENGLISH LITERATURE.

(*a*) Shakespeare. *Midsummer-night's dream; ed. by A. W. Verity* (*Pitt Pr. ser.* 1*s.* 6*d.*).

(*b*) Ruskin. *Selections from Ruskin; ed. by H. Hampshire* (*Bell.* 1*s.*); with repetition of these passages: 'The abstract idea . . . . may have need of' (p. 107), and 'It is a strange thing . . . . glance of admiration' (p. 111).

(*c*) Macaulay. *History of England, ch. iii; with introd. and statistical notes by A. L. Bowley.* (*Clar. Pr.* 2*s.* 6*d.*)

(*d*) Fowler, J. H. *English essays.* (*Macmillan.* 1*s.* 6*d.*)

(*e*) Milton. *Samson Agonistes; ed. by E. K. Chambers* (*Blackie.* 1*s.* 6*d.*); with repetition of lines 1-114.

(*f*) Composition: As for the Senior, together with Divisions of prose and poetry, prosody, poetic diction; an elementary knowledge of the growth of the language.

[These subjects are dealt with in Nesfield's *Manual of English grammar and Composition* (*Macmillan.* 2*s.* 6*d.*), ch. xiv-xxxi excluding ch. xxiv and xxv.]

2. MODERN HISTORY.

Gardiner, S. R. *Students' history of England, vol. III,* 1689–1910. (*Longmans.* 4*s.*)

Jose, A. W. *History of Australasia, 5th ed.* (*Angus and Robertson.* 3*s.* 6*d. net.*)

3. ANCIENT HISTORY.

Cox, G. W. *Athenian empire from the flight of Xerxes to the fall of Athens.* (*Longmans.* 2*s.* 6*d.*)

Merivale, C. *Roman triumvirates, B.C. 78-B.C. 31.* (*Longmans.* 2*s.* 6*d.*)

Thucydides. *Book VII.*

Cicero. *Ausgewählte Briefe Ciceros; erklärt von J. Frey* (*Teubner* M, 2.75), *Buch,* 3-4.

4. GREEK.

(*a*) Grammar.

Naylor, H. D. *Short parallel syntax of Latin and Greek.* (*G. Hassell & Son.* 1*s.* 3*d.*) Teachers are asked to adopt the recommendations of the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray.* 6*d. net*).

(*b*) Composition in prose in the style of Thucydides and of Demosthenes. Candidates will be required to scan iambics and anapaests.

(*c*) Passages for translation from Greek into English. The passages will be set for the most part from Thucydides, Demosthenes, and the Attic tragedians. In translation, style as well as accuracy is expected.

5. LATIN.

(*a*) Grammar.

Naylor, H. D. *Short parallel syntax of Latin and Greek.* (*G. Haskell & Son.* 1*s.* 3*d.*) Teachers are asked to adopt the terminology used in Sonnenschein's *New Latin grammar* (*Clar. Pr.* 2*s.* 6*d.*).

(*b*) Composition in prose in the style of Cicero and of Livy.

Candidates will be required to scan elegiacs, alcaics, and sapphics.

(*c*) Passages for translation from Latin into English. The passages will be set for the most part from Cicero, Livy, Vergil, and Horace. In translation, style as well as accuracy is expected.

6. FRENCH.

A written paper on the following syllabus:

(*a*) Grammar. Teachers are asked to adopt the terminology of Sonnenschein's *New French grammar* (*Clar. Pr.* 2*s.* 6*d.*).

(*b*) Translation from English into French

(*c*) Translation from French into English.

Candidates may, at their option, take an oral test in dictation and in reading aloud, which will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed ten per cent. of the total. Candidates who wish to take the oral test will be required to sit at Adelaide.

7. GERMAN.

A written paper on the following syllabus:

(*a*) Grammar. Teachers are asked to adopt the recommendations of the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray.* 6*d. net*).

(*b*) Translation from English into German.

(*c*) Translation from German into English.

Candidates may, at their option, take an oral test in dictation and in reading aloud, which will take the place of certain questions in the above paper. The marks allotted to the oral portion of the examination will not exceed ten per cent. of the total. Candidates who wish to take the oral test will be required to sit at Adelaide.

8. ALGEBRA AND TRIGONOMETRY.

ALGEBRA: As for the Senior, with problems of greater difficulty; the theory of quadratic equations; indeterminate equations; arithmetical, geometrical, and harmonical progressions; scales of notation; permutations and combinations; the binomial theorem, including fractional and negative indices.

TRIGONOMETRY: As for the Senior, with problems of greater difficulty; angles of unlimited magnitude; submultiple angles; inverse notation.

9. GEOMETRY AND TRIGONOMETRY.

GEOMETRY: The substance of Euclid, Bks. I to IV, VI, and XI, with exercises.

Text-book recommended:

Hall and Stevens. *School geometry, pts.* 1-6. (*Macmillan.* 4*s.* 6*d.*)

TRIGONOMETRY: As for 8; the solution of triangles, including the ambiguous case; heights and distances; the inscribed, circumscribed, and escribed circles of a triangle; the area of the circle.

For this examination candidates must provide themselves with a copy of Chambers's *Mathematical tables.*

10. APPLIED MATHEMATICS.

Elementary statics, dynamics, and hydrostatics.

Text-books recommended:

Loney, S. L. *Elements of statics and dynamics* (*Pitt Pr. ser.* 7s. 6d.), omitting ch. xv and xvi in *pt.* 1 and ch. xi in *pt.* 2.

Loney, S. L. *Elements of hydrostatics.* (*Pitt Pr. ser.* 4*s.* 6d.)

11. PHYSICS.

(*a*) THEORETICAL. A more advanced knowledge of the work prescribed for the Junior and Senior Public Examinations.

Text-books recommended:

Gregory and Hadley. *Class book of physics.* (*Macmillan.* 4*s.* 6*d.*)

Grant, K. *Syllabus of lectures in 1st year physics at the University of Adelaide.* ( )

Either one of the following books is recommended for consultation in conjunction with this syllabus:

Watson, W. *Intermediate physics.* (*Longmans.* 6*s. net.*)

Watson, W. *Text-book of physics.* (*Longmans.* 10*s.* 6*d.*)

[The latter book is the text-book for 2nd year physics in the University of Adelaide.]

(*b*) PRACTICAL. Candidates, before sitting for the examination, must submit laboratory note-books of a course of systematic practical work equivalent to that required for the first year physics course in the University of Adelaide. [A typed list of the experiments included in this course, and any further information desired concerning it, may be obtained on application to the Secretary to the Public Examinations Board.]

Candidates for the Angas Engineering Exhibition will be required to take a practical examination, the results of which will be used in determining the award.

12. INORGANIC CHEMISTRY.

The chemistry of the more commonly occurring elements and their compounds, based upon Shenstone's *Elements of inorganic chemistry,*

6th ed., 1912 (*Arnold.* 5s.). Among organic compounds, however, only methane, ethylene, and acetylene need be studied. The more difficult theoretical subjects in *Pt* 5 will only be required in elementary outline, and a knowledge of methods of determining molecular weights other than that depending on vapour density will not be necessary, It is intended that the standard shall be that of the compulsory chemistry for the B.Sc. course. This will apply also to the practical chemistry, which will therefore include the qualitative analysis of simple salts and simple mixtures of salts, excluding phosphates insoluble in water, and silicates.

N. B.—If suitable arrangements cannot be made at a local centre for holding the practical examination, the candidates who have entered at that centre will be required to present themselves at Adelaide or at some approved centre.

BIOLOGY, OR BOTANY.

N. B.—Only one of these subjects may be taken, and if suitable arrangements cannot be made at a local centre for holding the practical examinations, the candidates who have entered at that centre will be required to present themselves either at Adelaide or at some approved centre.

13. BIOLOGY.

i. The fundamental facts and laws of the morphology, histology, physiology, and life history of plants as illustrated by the following types: Yeast plant, Bacteria, Protococcus, Mucor, Penicillium, Spirogyra, Bracken fern, Bean plant;

ii. The fundamental facts of animal morphology and physiology as illustrated by the following types: Amoeba, Vorticella, Hydra, Fresh water mussel, Crayfish, Frog;

iii. The histological characters of the blood, epidermal and connective tissues, cartilage, bone, muscle, and nerve in the vertebrata.

Candidates will be required to show, by a practical examination, an acquaintance with the structure of the various types mentioned, and may be called upon to recognize and prepare microscopical specimens of the tissues specified in paragraph iii. They will be required to submit note-books in which have been recorded results and explanations of the experiments and observations they have made during the year; each record is to be dated, and satisfactory evidence furnished that, except where otherwise indicated, such records are the work of the candidates themselves * No marks will be assigned in the examination, but if the note-books are not of sufficient merit the candidate will not be allowed to pass. The books should be handed in by the candidates at the time of presenting themselves for examination, and will be returned on application after the publication of results.

* Forms of certificate to be attached to the note-books may be obtained at the University.

Text-books recommended :

Parker, T. J. *Lessons in elementary biology.* (*Macmillan.* 10s. 6d.) Such parts as refer specifically to the types mentioned, together with Lessons vi, ix, xiii, and xvii.

Marshall, A. M. *The frog: ed. by F. W. Gamble.* (*Macmillan.* 5*s.*)

Schäfer, E. A. *Essentials of histology* (*Longmans.* 10*s.* 6*d. net*), so far as it refers to the histology specified.

Candidates should also consult Huxley and Martin's *Practical biology* (*Macmillan.* 10*s.* 6*d.*), and Dendy and Lucas's *Introduction to the study of botany* (*Melville and Mullen.* 6*s.*).

14. BOTANY.

THEORETICAL.

i. General outline of the morphology and anatomy of flowering plants, dicotyledons, monocotyledons, gymnosperms (e.g. Pinus);

ii. Elementary physiology and oecology of plants;

iii. The structure and life history of selected cryptogamic types: Protococcus, Spirogyra, Vaucheria, Aspergillus, Saccharomyces, Agaricus Polytrichum or other moss, Marchantia or Pellia, Aspidium, Selaginella;

iv. The principles of classification of plants, the classification of the angiosperms being illustrated by the following natural orders in addition to those required for Senior: Cyperaceae, Papaveraceae, Geraniaceae, Solanaceae, Labiatae.

PRACTICAL.

It is intended that the standard shall be that of Compulsory Botany for the B Sc. course. This will apply to the practical paper, which will include:

i. The preparation of sections of plant tissue;

ii. Description and identification of microscopical and other preparations illustrating the plants named above;

iii. Description of simple experiments in plant physiology;

iv. Reference to their natural orders of examples illustrating the orders above enumerated;

v. Identification, with the aid of a flora, of easy examples of the local plants.

As evidence that practical work has been carried out during the year, candidates will be required to submit note-books in which have been recorded results and explanations of the experiments and observations they have made on the physiology and oecology of plants, as well as notes and drawings illustrating at least one example in each of the specified groups and orders; each record is to be dated, and satisfactory evidence furnished that, except where otherwise indicated, such records are the work of the candidates themselves.* Excellent experiments are given in Osterhout's

* Forms of certificate to be attached to the note-books may be obtained at the University.

Experiments with plants and in Stevens's *Introduction to botany*, but these are not intended to restrict the freedom of the teacher in selecting or devising experiments. It is, however, advisable that the course of experimental work should be as far as possible representative of the complete syllabus. No marks will be assigned in the examination, but if the note-books are not of sufficient merit the candidates will not be allowed to pass. Note-books should be handed in by the candidates at the time of presenting themselves for examination, and will be returned on application after the publication of results.

Text-book:

Ewart, A. J. *Elementary botany* (*Univ. Tutorial Pr.* 3*s.* 6*d.*)
Scott, D. H. *Introduction to structural botany*, 2 *vols.* (*Black.* 7*s.*)

Books for reference:

Tate, R. *Flora of South Australia.* (*S.A. Education Dept.* 2*s.* 6*d. net.*)
Black, J. M. *Naturalised flora of South Australia.* (*Black.* 5*s.*)
Osterhout, W. J. V. *Experiments with plants.* (*Macmillan.* 5*s. net*)
Strasburger *Text-book of botany; ed. by W. H. Lang.* (*Macmillan.* 18*s.*)

15. PHYSIOLOGY.

Candidates will be required to show a practical acquaintance with the position, appearance, and general and minute structure of the principal tissues and organs of the vertebrate body. They may be called upon to make simple dissections in some vertebrate animal, and to recognize and mount microscopical specimens of the principal tissues and organs. They will also be required to submit note-books in practical work as indicated for Biology.

Text-books recommended:

Hill, L. *Manual of human physiology.* (*Arnold.* 6*s.*)
Schäfer, E. A. *Essentials of histology.* (*Longmans.* 10*s.* 6*d. net.*)
N.B.—If suitable arrangements cannot be made at a local centre for holding the practical examination, the candidates who have entered at that centre will be required to present themselves either at Adelaide or at some approved centre.

16. PHYSICAL GEOGRAPHY AND GEOLOGY.

Principles of physical geology as evidenced in the phenomena of rock masses; agents of geological change; origin of landscape. The common minerals, their general properties and modes of occurrence. Classification of strata in relation to time. Fossilization: fossil types characteristic of the various geological periods. Practical determination of hand specimens of the common minerals and rocks.

Text-books recommended:

Smith, B. *Physical geography for schools.* (*Black.* 3*s.* 6*d.*)

Howchin, W. *Geography of South Australia.* (*Whitcombe and Tombs.* 3*s.* 6*d.*); *introduction, Pt.* 2 (fauna and flora excepted), *Pt.* 4. *and appendix.* Alternative questions will be set for such candidates as prefer to deal with Western Australian conditions.

Watts, W. W. *Geology for beginners.* (*Macmillan.* 2*s.* 6d.)

SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	300	Geometry and Trigonometry ...	300
Modern History	300	Applied Mathematics	300
Ancient History	300	Physics	300
Greek	300	Chemistry	300
Latin	300	Biology or Botany	300
French	300	Physiology	200
German	300	Physical Geography and Geology	200
Algebra and Trigonometry ...	300		

ENGLISH ESSAY FOR BURSARY AND ANGAS ENGINEERING EXHIBITION CANDIDATES ONLY.

An essay, for which two hours will be allowed, will be set for candidates for the Government bursaries and for the Angas Engineering Exhibition only.

English Essay 100

JUNIOR COMMERCIAL EXAMINATION.

REGULATIONS.

*I. In order to obtain the Junior Commercial certificate, each candidate must satisfy the Public Examinations Board in at least five of the following subjects numbered 1 to 14; two of these must be subjects 1 and 2; at least one must be taken from subjects 3 and 4; and at least one from subjects 5 and 6:—

1. English Literature.
2. Commercial Arithmetic.
3. Commercial Geography.
4. Business Correspondence.
5. Book-keeping.
6. Shorthand.
7. History.

* *Allowed 24th December,* 1913.

8. French.
9. German.
10. Algebra.
11. Geometry.
12. Physics.
13. Inorganic Chemistry.
14. Botany.
15. Typewriting.
16. Drawing.

II. The examination shall be held annually in the month of November or December.

III. Candidates who fail to pass in five subjects as defined in Regulation I shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates of their having so passed; but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

V. The following fees, which do not include fees for Drawing, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves either for this examination or for the Junior Public Examination	£1 0 0
Subsequent entries—	
a. For each subject	0 5 0
b. For four or more subjects	1 0 0

In no case will the fee be returned; but if, not less than seven days before the examination, a candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.

VI. 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 printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Public Examinations Board to present themselves on payment of an extra fee of 5s.

VIII. Schedules defining, as far as may be necessary, the range of the questions and exercises to be set, shall be published not less than twelve months before the date of the examination to which they are intended to apply.

IX. (*a*) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which each candidate comes, shall be posted at the University, and published in the report on public examinations.

(*b*) The names of candidates who have distinguished themselves in the several subjects shall also be published.

(*c*) The names of candidates who have distinguished themselves in the whole examination shall also be published in order of merit. To the first candidate on the list who shall be under seventeen years of age on the 1st December in the year in which the examination is held, shall be awarded a prize of the value of £3 3s. The position on the honour list shall be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

Allowed 19th January, 1910.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1914.

N.B.—In all subjects of this examination the examiners will pay especial attention to the spelling and handwriting of the candidates.

1. ENGLISH LITERATURE.

As for English Literature in the Junior Public Examination in the same year.

2. COMMERCIAL ARITHMETIC.

Theory and practice of the processes of general arithmetic; short methods in multiplication and division; short methods in mental arithmetic, including multiplication, division, prices of articles, practice, interest, and discount; addition of long totals and cross totals, simple and compound; fractions and decimals; approximations, including the decimalization of money, decimalized practice, contracted multiplication and division of decimals; the calculation of simple areas and volumes; profit and loss; percentages and averages; proportion, practice, square root; interest and discount, commission and brokerage, stocks and shares; the coinages and most important weights and measures of the principal countries of Europe and America, and of India, Japan, and China.

Text books recommended:

Jones, H. S. *Modern arithmetic, pt.* 1. (*Macmillan.* 2*s.* 6*d.*)
Grant and Hill. *Commercial arithmetic.* (*Longmans.* 3*s.* 6*d.*)

3. COMMERCIAL GEOGRAPHY.

Candidates will be expected to know:

(*a*) THE GENERAL PRINCIPLES OF GEOGRAPHY AS AFFECTING INDUSTRY AND COMMERCE. This includes some knowledge of the chief mineral, vegetable, and animal products which are articles of commerce; a closer knowledge of the influence of climate, soil, and minerals upon industry; and of situation and means of communication upon commerce.

(*b*) THE MORE IMPORTANT FACTS OF THE COMMERCIAL GEOGRAPHY OF THE WORLD.

(*c*) THE COMMERCIAL GEOGRAPHY OF AUSTRALIA. General distribution of physiographic conditions determining the production of materials of commerce, localization and growth of towns and industries, lines of communication, and general development of commerce; social and economic conditions: education, progress of invention; industrial organizations, influence of government, tariffs, etc. State industries and commerce. Interstate trade. British and foreign trade: exports and imports, chief markets for Australian products, chief lines of communication.

4. BUSINESS CORRESPONDENCE (INCLUDING PRECIS WRITING).

Candidates will be asked to write simple business letters on specified data, and to give digests of selected paragraphs or of a file of correspondence. The examiners will consider in the first place the mechanical arrangement and style, and in the second the writing and spelling of the answers. The fact that précis writing calls for more of actual intelligence and less of merely mechanical knowledge than the correspondence does will be recognized in the proportion of marks allotted to the two departments of the paper.

5. BOOK-KEEPING.

Definition of technical terms relating to accounts.

The theory and practice of book-keeping by double entry, and distinction between single and double systems.

The nature of the journal, cash book, bill book, purchase book, sales book, and ledger. Candidates must be prepared to present *pro forma* rulings of these books. The usual forms of accounts current, invoices, and account sales.

The nature of nominal, real, and personal accounts, and the distinction between capital and revenue items.

Transactions in connection with bills of exchange, promissory notes, and cheques, and a knowledge of the forms and nature of such instruments.

[Candidates are requested to note that the falling due of bills of exchange as given in the text-books is according to English law, which differs from South Australian law in this respect.]

The recording of a set of transactions, including consignments, opening and closing entries, trial balance, profit and loss account, and balance sheet.

Simple partnership accounts with division of profit and loss.

Jenkinson's *Elements of book-keeping* (*Arnold.* 1*s.* 6*d.*) or Pitman's *Book-keeping simplified* (2s. 6d.) will indicate the standard of work required under the above headings.

6. SHORTHAND.

All candidates will be required to take a passage of average difficulty for five minutes at the rate of 100 words per minute; but for candidates who desire to gain a credit a further examination will be held, when a passage at the rate of 120 words per minute will be dictated. Candidates must hand in their notes and a longhand transcript.

7. HISTORY
8. FRENCH
9. GERMAN
10. ALGEBRA
11. GEOMETRY
12. PHYSICS
13. INORGANIC CHEMISTRY
14. BOTANY

} As for the Junior Public Examination.

15. TYPEWRITING.

Candidates will be required to type in correct form a rough draft of a business letter or other MS. involving corrections and the use of abbreviations; and to type any usual form of business document balance-sheet or statistical table, and to rule suitably in red ink.

Neatness, speed (as shown by the amount of work completed), spelling, syllabication, punctuation, and general intelligence will be taken into account.

In addition candidates will be expected to have a knowledge of the usual method of correcting printers' proofs both for printed and for typewritten matter, and may be asked to mark proofs for revision and to correct grammatical and other errors. Teachers are advised to follow Hart's *Rules for compositors and readers* (*Frowde*, 6*d*. *net*), omitting Appendices ii-v.

N.B.—Candidates must supply their own machines.

16. DRAWING.*

(*a*) First Grade Geometry, Freehand, and Model.

(*b*) Intermediate Solid Geometry.

Text-books: As for Primary and Junior Examinations.

No examination will be held in Drawing, but the Board will accept the certificates of the above subjects issued by the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, or of the Education Department of South Australia to whom all fees for Drawing must be paid.

Candidates who wish to have Drawing recorded as one of their subjects must enter it on the appropriate entry form for the November examination.

* For particulars concerning Drawing apply to the Principal and Examiner, Adelaide School of Art.

SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	300	French	200
Commercial Arithmetic	300	German	200
Commercial Geography ...	300	Algebra	200
Business Correspondence ..	200	Geometry	200
Book-keeping	300	Physics	200
Shorthand—		Inorganic Chemistry	200
100 words per minute	150	Botany	200
(120 words per minute, 50 marks extra)		†Typewriting	
History	200	†Drawing	

† This subject does not count for the general honour list.

SENIOR COMMERCIAL EXAMINATION.

REGULATIONS.

*I. In order to obtain the Senior Commercial certificate, each candidate must satisfy the Public Examinations Board in at least five of the following subjects: two of these must be subjects 1 and 2, and at least one must be taken from subjects 3 and 4.

* *Allowed 24th December, 1913.*

1. Commercial Arithmetic.
2. Book-keeping.
3. Commercial Geography.
4. Commercial History.
5. Economics.
6. English Literature.
7. French.
8. German.
9. Arithmetic and Algebra.
10. Geometry.
11. Trigonometry.
12. Physics.
13. Inorganic Chemistry.
14. Botany.
15. Physical Geography and Geology.
16. Drawing.

II. The examination shall be held annually in the month of November or December.

III. Candidates who fail to pass in five subjects as defined in Regulation I. shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed and the dates of their having so passed, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations; and, if at any time they pass or have already passed in Shorthand at 120 words per minute as for the Junior Commercial Examination, they may have the fact recorded on their certificates.

*V. The following fees, which do not include fees for Drawing or Shorthand, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously entered either for this examination or for the Senior Public Examination	£1 10 0

* *Allowed 24th December*, 1913.

Subsequent entries :

a. For each subject	0	10	0
b. For three or more subjects	1	10	0

But if subjects 1, 2, 3, 4, or 5 only, under Regulation I, are taken, the fee shall be :—

a. For each subject	0	10	0
b. For three or more subjects	1	10	0

The fee for examination in Shorthand at 120 words a minute shall be five shillings.

In no case will the fee be returned, but if, not less than seven days before the examination, a candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.

VI. 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 printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Public Examinations Board to present themselves on payment of an extra fee of 5s.

VIII. Schedules defining, as far as may be necessary, the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

IX. (*a*) The names of successful candidates, arranged in alphabetical order, with the subjects in which each candidate passed and the last place of education from which each candidate comes, shall be posted at the University and published in the report on public examinations.

(*b*) The names of candidates who have distinguished themselves in the several subjects shall also be published.

Allowed 19th January, 1910.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1914.

1. COMMERCIAL ARITHMETIC.

As for the Junior Commercial Examination, and in addition: the use of common logarithms and logarithmic tables; equation of payments; the application of logarithms to problems of compound interest and annuities; duodecimals; foreign exchange and foreign bills of exchange; statistics; the areas of rectilineal figures, circles, spheres, and cones; the volumes of prisms, cones, pyramids, and spheres.

Text-books recommended:

Jones, H. S. *Modern arithmetic, pts.* 1 and 2. (*Macmillan*, 4*s.* 6*d.*)

Grant and Hill. *Commercial arithmetic.* (*Longmans.* 3*s.* 6*d.*)

2. BOOK-KEEPING.

As for the Junior Commercial, but a higher standard of proficiency will be expected; and, in addition: the nature of waste-book; recording sales and purchases on commission and on joint account depreciations; partnership and joint-stock company accounts; debentures; executorship accounts.

Text-book recommended:

Thornton, J. *Manual of book-keeping.* (*Macmillan*, 4*s.* 6*d.*)

3. COMMERCIAL GEOGRAPHY.

(*a*) GENERAL. Influence of physiographical, biological, social, and political controls upon the production, distribution, and exchange of commodities. Principles governing the position of towns and development of lines of transport. Evolution from simple unorganized industry to the highly organized factory system.

(*b*) MATERIALS OF COMMERCE. The chief materials of commerce, their preparation, uses, countries of origin and consumption, and chief routes of distribution. Attention is to be paid in this connection to Australian and South Australian commodities, both export and import.

(*c*) REGIONAL, SPECIALLY IN RELATION TO AUSTRALIA. United Kingdom; Central Europe and the Mediterranean; British India and Ceylon, Indo-China, Malay Archipelago, China, Japan; South Africa; Canada, United States of America; Argentine.

(*d*) PRACTICAL WORK. Plotting statistics on squared paper; marking the distribution of materials of commerce and resultant routes on blank maps; drawing sketch-maps.

The following books of reference are suggested for the use of teachers, and may be consulted at the University Library :

Newbigin, M. I. *Modern geography.* (*Williams & Norgate.* 1*s. net.*)

Macgregor, D. H. *Evolution of industry.* (*Home univ. lib.* 1*s. net.*)

Gregory, Keller, and Bishop. *Commercial geography* (*Ginn.* 12*s.* 6*d. net*)

Chisholm, G. G. *Handbook of commercial geography.* (*Longmans.* 15*s. net.*) This is the best single book in English, and is almost indispensable.

Taylor, G. *Australia in its physiographic and economic aspects.* (*Clar. Pr.* 3*s.* 6*d.*)

Bartholomew, J. G. *Atlas of the world's commerce.* (*Newnes.* 25*s. net.*)

Elderton, W. P., and Elderton, E. M. *Primer of statistics. Black.* 1*s. d. net.*)

Statistical register of South Australia, pt. IV: Interchange. (*S.A. Govt. Printer.* 2*s* 6*d.*)

Trade and customs and excise revenue of the Commonwealth of Australia, 2 *pts.* (*Commonwealth Statistician.*)

Official yearbook of the Commonwealth of Australia (*Commonwealth Statistician.* 3*s.* 6*d.*)

Statesman's yearbook. (*Macmillan.* 10*s.* 6*d. net.*) Issued annually.

4. COMMERCIAL HISTORY.

Warner, T. *Landmarks of English industrial history.* (*Blackie.* 5*s.*) Latest ed.

This book sets out the scope of the work to be done. It is expected that attention should be directed to the economic principles involved, and that candidates should be exercised in the interpretation of original documents or of selections from contemporary authors, and in the deducing of the economic or social conditions of the time. Helen Douglas-Irvine's *Extracts relating to mediaeval markets and fairs* (*Macdonald & Evans.* 6*d. net*) gives examples of such document , and is one of a series entitled *Source books of history.* Messrs. A. & C. Black publish a series at 2s. 6d each under the title of *English history from original sources.* Candidates who have not the advantage of a teacher are advised to consult Blackmar's *Economics for high schools* (*Macmillan.* 5*s. net*) and Macgregor's *Evolution of industry* (*Home univ. lib.* 1s. *net*).

The following works may be consulted by teachers :

Day, C. *History of commerce.* (*Longmans.* 7*s.* 6*d. net.*)

Meredith, H. O. *Outlines of the economic history of England.* (*Pitman.* 6*s.*)

Egerton, H. E. *Origin and growth of English colonies.* (*Clar. Pr.* 2*s.* 6*d.* *and* 3*s.* 6*d.*)

Keatinge, M. W. *Studies in the teaching of history.* (*Black.* 4*s.* 6*d.* *net.*)

5. ECONOMICS.

Marshall, A. *Elements of economics of industry.* (*Macmillan.* 3*s.* 6*d.*)

Barker, D. A. *Cash and credit.* (*Camb. man. of sci. and lit.* 1*s.* *net.*)

6. ENGLISH LITERATURE
7. FRENCH
8. GERMAN
9. ARITHMETIC AND ALGEBRA
10. GEOMETRY
11. TRIGONOMETRY
12. PHYSICS
13. INORGANIC CHEMISTRY
14. BOTANY
15. PHYSICAL GEOGRAPHY AND GEOLOGY.

} As for the Senior Public Examination.

16. DRAWING.*

(*a*) Intermediate Measured Freehand.

(*b*) Intermediate Perspective.

(*c*) Second Grade Freehand.

(*d*) Second Grade Model.

Candidates for (*b*) must have a knowledge of First Grade Plane Geometry and Intermediate Geometry; and for (*c*) and (*d*) *must have taken* the certificates in First Grade Freehand and First Grade Model.

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, or of the Education Department of South Australia to whom all fees for Drawing must be paid.

Candidates who wish to have Drawing recorded as one of their subjects must enter it on the appropriate entry form for the November examination.

* For particulars concerning Drawing apply to the Principal and Examiner, Adelaide School of Art.

SCALE OF MARKS FOR GENERAL HONOUR LIST.

Commercial Arithmetic	300	Arithmetic and Algebra ...	300
Book-keeping	300	Geometry	300
Commercial Geography	300	Trigonometry	200
Commercial History	300	Physics	200
Economics	300	Inorganic Chemistry	200
English Literature	300	Botany	200
French	300	Physical Geography and Geology	200
German	300	†Drawing	

†This subject does not count for the general honour list.

THE TENNYSON MEDALS.

REGULATIONS.

WHEREAS a sum of One Hundred and Seventy-five Pounds has been paid to the University by His Excellency the Lord Tennyson, with the intention of encouraging the study of English Literature by the award of Medals at the Public Examinations, it is hereby provided as follows :—

I. A Gold Medal and two Silver Medals, to be called the "Tennyson Medals," shall be awarded annually.

*II. The Gold Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Higher Public Examination.

Candidates must be under the age of nineteen years on the 1st of December in the year in which the examination is held

III. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Senior Public Examination in November.

Candidates must be under the age of seventeen years on the 1st of December in the year in which the examination is held.

IV. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Junior Public Examination.

Candidates must be under the age of sixteen years on the 1st of December in the year in which the examination is held.

V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.

VI. No person who has gained a medal shall be awarded the medal of the same grade at the same examination in any subsequent year.

VII. In the event of two or more candidates obtaining the highest number of marks, a fresh examination shall be held to determine which of the candidates is most worthy.

VIII. These Regulations may be varied from time to time.

**Allowed 6th April, 1905.*
Allowed 11th December, 1901.

JUNIOR PUBLIC EXAMINATION.

Prizes.

Three Prizes, of the value of £10, £5, and £3 respectively, are annually awarded to the most distinguished candidates in the whole Examination who shall be under sixteen years of age on the 1st December in the year in which the Examination is held.

Awards, 1913.

Horne, Edith Margaret (Ladies' College, Victoria Square, Perth).

Mitchell. Melba Mary (Loreto Convent, Osborne).

Kilmartin, Thomas Francis (Christian Brothers' College, Kalgoorlie).

SENIOR PUBLIC EXAMINATION.

Prizes.

Three Prizes, of the value of £10, £5, and £3 respectively, are annually awarded to the most distinguished candidates in the whole Examination who shall be under seventeen years of age on the 1st December in the year in which the Examination is held.

Awards, 1913.

Stables, Hubert Taylor (Guildford Grammar School).

Shearer, Jack (Scotch College, Claremont).

Streich, Carl Ivo (Adelaide High School).

JUNIOR COMMERCIAL EXAMINATION.

Prize.

One Prize, of the value of £3 3s., is annually awarded to the most distinguished candidate in the whole Examination who shall be under seventeen years of age on the 1st December in the year in which the Examination is held.

Award, 1913.

Beasley, Muriel Estelle } Equal (Muirden College).
Dorman, Edith Grace }

SENIOR COMMERCIAL EXAMINATION.

Scholarship.

A Scholarship is awarded annually to the most distinguished candidate in this Examination provided he is of sufficient merit and under nineteen years of age on the 1st of December in the year in which the Examination is held. The Scholarship is awarded on the aggregate of marks in not more than seven subjects, and entitles the holder to exemption from the payment of fees for lectures and examinations in all subjects prescribed for the Diploma in Commerce.

Awards.

1909—Williamson, Roy Cleveland (Prince Alfred College).
1910—French, David George (Prince Alfred College).
1911—Martin, Colin Walter (Muirden College).
1912—Battye, Ross (Prince Alfred College).

(This has now been discontinued.)

The John Creswell Scholarships.

These Scholarships, four in number, are awarded annually, two by the Council of the University of Adelaide on the results of the Senior Commercial Examination, and one each by the South Australian Cricket Association and the Royal Agricultural and Horticultural Society of South Australia, to students under nineteen years of age who have passed either the Junior Commercial or Senior Commercial Examination. The Scholarships are tenable for five years, and entitle the holders to exemption from all fees (except those prescribed for Supplementary Examinations) payable in the Course for the Diploma in Commerce.

For conditions of award, etc., see Chapter XXXVI. of the Statutes, *ante* page 110.

Awards, 1913,
By the Council of the University on the results of the Senior Commercial Examination.

Wright, Sydney Charles
Mengersen, Norman Victor

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1914.

PART IV.

Public Examinations in Music.

The Universities of Melbourne Adelaide, Queensland, and Tasmania.

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 360.

FOR LOCAL CENTRES AND OFFICERS SEE PAGE 29.

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.

TEACHER'S CERTIFICATE SEE PAGE 362.

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.

OF THE 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. If the examiners in either case report that no candidate is of sufficient merit the scholarship shall not be awarded.

III. One scholarship, tenable for three years and exempting the holder from payment during the tenure thereof of fees for tuition and examination for the Degree of Bachelor of Music, or for the Diploma of Associate in Music, shall be offered annually for competition between candidates who obtain Honours in Grades I. or II. in Theory or Practice at the Public Examinations in Music held in Western Australia in September or October. The Scholarship shall be awarded on the results of a special examination to be held later in the year.

IV. 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 provided under Clauses II. and III.

V. A scholarship shall not be awarded a second time to the same candidate, and no student shall hold more than one of these scholarships at the same time.

VI. 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 9th January, 1913.

AWARDS.

1909— { Jeffrey, Mary Winifred Magdaline (Theory).
McBride, Dorothy Evelyn (Practice).

1910—Willsmore, Elsie Victoria (Theory).

1911—Cole, Louie Chapman (Theory).

1912—Conley, Mary (Practice). Resigned, 1913.

1913—Stephens, Nellie Gwendoline (Theory).

WESTERN AUSTRALIA.

A Scholarship, under certain conditions, tenable for three years, and providing free tuition for the course for the Degree of Bachelor of Music, or free tuition in a practical course at the Elder Conservatorium, is offered for competition at the September Examination amongst candidates in Western Australia in Grades I. and II. in Theory and Practice of Music.

All candidates in those Grades who obtain honors will be eligible to compete for the Scholarship which will be awarded on the results of a Special Examination held for the purpose.

AWARDS.

1909—D'Arcy Irvine, Alice Bond (Practice).

1912—Patrick, Elsie Furneaux (Theory and Practice).

1913—Moseley, Mollie (Practice). Resigned.
Spriggs, Harriett Rosetta (Practice).

TEACHER'S CERTIFICATE.

REGULATIONS.

I. The University shall issue a Certificate of Competence in the Art of Teaching Music in any of the following branches:—

(*a*) Pianoforte Playing;
(*b*) Organ Playing;
(*c*) Violin Playing;
(*d*) Violoncello Playing;
(*e*) Singing.

II. To obtain such Certificate a candidate must:

(*a*) Pass the examination in Theory, Grade I. or Grade II., of the Public Examinations in Music, or

Complete the First Year of the Mus. Bac. Course.

and (*b*) Pass the examination in Practice, Grade I. or Grade II., in the branch of Music for which he presents himself.

(But candidates who have obtained the Diploma of Associate in Music shall be exempt from the requirements in (*a*) and (*b*) of this Regulation.)

and (*c*) Pass an examination in the following subjects:—

The Art of Teaching the particular branch or branches of Music for which he presents himself;

General and detailed knowledge of Musical Literature;

Performance of pieces guaranteed to have been learned by the candidate without assistance.

III. Schedules defining as far as may be necessary the range of the examination set forth in Regulation II. (*c*) shall be drawn up annually by the Faculty of Music, subject to the approval of the Council, and shall be published as early as possible in the year.

IV. The examination shall be held annually, near the end of the academic year.

V. The fee for the examination shall be £5 5s. in each branch.

Allowed 9th January, 1913

SCHEDULE UNDER REGULATION III.
PIANOFORTE.

A. ELEMENTARY TEACHING.

A thorough knowledge of a systematic course in training Elementary pupils, as expounded, *e.g.*, in Germer's Elementary Pianoforte Tutor (Bosworth & Co.), including Section I. of the "Introduction."

B. GENERAL TEACHING.

1. A thorough knowledge of "Touch, "Technics," "Fingering," "Phrasing," "Ornaments," "Pedal," etc. Textbook: Franklin Taylor's "Primer of Pianoforte Playing."

2. A thorough knowledge of systematic grading of standard pianoforte music, both Studies and Pieces, and analysis of the same, as contained in the six grades of "The Musician" by Ridley Prentice; and in Ernst Pauer's "The Art of Pianoforte Playing" (Novello's Music Primers, No. 1).

3. To quote standard studies suitable for special purposes, *i.e.*, the various departments of Technique, such as scales, arpeggios, double notes, octaves, part-playing, etc.

4. To show a general knowledge of Composers, their styles, schools, and chronology. Textbook: Pauer's "Art of Pianoforte Playing."

Books of reference: "History of Pianoforte Music," by J. C. Fillmore and R. Prentice. "A Dictionary of Pianists," etc., by E. Pauer (Novello's Music Primers, No. 46).

5. To detect and point out inaccuracies in the rendering of a classical composition well known to the candidate, played by the examiner, who will purposely introduce such errors as are likely to be made by the average pupil.

6. To play a Fugue (in not fewer than three parts), a Study, and a Sonata movement, chosen by the candidate and guaranteed to have been learned without assistance. Such Fugue, Study, and Sonata movement must be previously approved by the Faculty of Music.

NOTE.—The examination in 1914 will be confined to the subject of Pianoforte Playing.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1914.

PART V.

ANNUAL REPORT.

BALANCE SHEETS.

PASS LISTS.

LETTERS PATENT.

ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE

ANNUAL REPORT FOR THE YEAR 1913.

To His Excellency Admiral Sir Day Hort Bosanquet, G.C.V.O., K.C.B., Governor in and over the State of South Australia and its Dependencies in the Commonwealth of Australia.

The Council of the University of Adelaide have the honour to present to your Excellency the following Report of the University for the year 1913.

I. The Council and Senate.

Obituary.

The Council deeply regrets to report the death of two of its members, viz., Mr. Alfred Williams and the Hon. Sir John Duncan, M.L.C.

Mr. Williams was first elected a member in 1907, and took a deep interest in the work of the University. His position as Director of Education brought him into close relation with both the governing body and the teaching staff of the University.

Sir John Duncan was one of the first members appointed by Parliament in December, 1911, in accordance with the Act passed during that year. Sir John was also a member of the Finance Committee and took an active interest in the affairs of the University. His practical experience of affairs and matured judgment were of great assistance to the Council in their deliberations

Elections.

At a meeting of the Senate, held on the 26th March, Mr. M. M. Maughan, B.A., and Mr. W. G. T. Goodman, M.I.C.E., M.I.E.E., were elected, after a contest, to fill the vacancies caused in the Council by the death of Mr. Alfred Williams and the resignation of Mr. S. J. Jacobs.

In November

Mr. F. Chapple, B.A., B.Sc.
Rev. Canon Girdlestone, M.A.
Mr. W. J. Isbister, LL.B.
Professor E. H. Rennie, M.A., D.Sc., and the
Hon. F. W. Young, LL.B., M.P.

having ceased by effluxion of time to hold office as members of the Council, were re-elected, after a contest. On the same day the Senate re-elected Mr. F. Chapple, B.A., B.Sc., as Warden, and Mr. T. A. Caterer, B.A., as Clerk of the Senate.

In accordance with the provisions of the amended University Act, the Hon. Sir John Downer, K.C.M.G., was appointed by the Legislative Council vice the late Hon. Sir John Duncan.

II. The Staff.

To the regret of the Council, Dr. W. T. Hayward, who has been Lecturer on Clinical Medicine for 28 years, resigned that position. An appreciation of the efficient manner in which he discharged his duties has been placed upon record. Dr. H. Swift has been appointed Lecturer in his place.

As Lecturer on Therapeutics and Materia Medica, Dr. Hayward has been granted leave of absence for the year 1914, and Dr. H. Kenneth Fry has been appointed his *locum tenens*.

Dr. A. M. Cudmore, Lecturer on Clinical Surgery, who is proceeding to Europe, has been granted eight months' leave of absence, and Dr. Bronte Smeaton has been appointed his *locum tenens*.

Professor Henderson has been granted leave of absence for the year 1914, and the Rev. G. V. Portus, B.A., B.Litt., has been appointed Acting-Professor for that period.

Dr. Mawson has also been granted further leave of absence for the ensuing year, and Mr. F. L. Stillwell, M.Sc., of Melbourne, has been appointed his *locum tenens*.

Dr. A. Campbell Magarey has been reappointed Demonstrator in Anatomy.

Mr. A. M. Lea, Entomologist of the S.A. Museum, has been appointed Lecturer on Forest Entomology in the Forestry course.

Early in the year Dr. J. L. Glasson, Demonstrator in Physics, resigned his position, having received the appointment of Lecturer in Physics in the University of Tasmania.

III. Admission to Degrees.

Supplementary Letters Patent.

A supplementary Royal Charter was granted during the year by His Majesty the King, in respect of the Degrees of Bachelor and Master of Engineering and Bachelor and Master of Surgery. This charter entitles those degrees to rank as do the other degrees granted by the University, and covered by the former charter, as fully as if they had been granted by any University in the United Kingdom.

At a Special Congregation held on 26th March the following were admitted to Degrees :—

Ordinary Degree of Bachelor of Arts :

Allen, Lois Waveney
Heyne, Laura Olga Hedwig.

Ad eundem gradum :

Degree of Master of Arts :

McDonnell, John Carlile, M.A. (University of Cambridge)

At the Commemoration held on the 17th December, the following were admitted to Degrees :—

LAW.

Degree of Bachelor of Laws

Blackburn, Arthur Seaforth
Griffiths, Thomas Lester
Joyner, Max Frederick
McDonald, Ross
Moody, Harold Eric
Reed, Geoffrey Sandford
Yuill, George Ashwin

Degrees of Bachelor of Medicine and Bachelor of Surgery :

Close, Walter John Westcott
Davey, Laurance Llewellin
Holder, Sydney Ernest
Le Messurier, Frederick Neill
Lucas, Reginald Blockley
Mayo, John Christian
Nott, Harry Carew
Penny, Harold John
Powell, Harold
Verco, Joseph Stanley

ARTS :

Honours Degree of Master of Arts :

Mathematics.

Ellis, Frank B.A.

Ordinary Degree of Master of Arts :

Allen, Edgar, B.A.
Worsnop, Elsie Madeline, B.A.

Honours Degree of Bachelor of Arts:

Classics.

Bean, Edgar Layton
Prince, Erica Lloyd
Walter, Hilda Blanche May

Ordinary Degree of Bachelor of Arts:

Eardley, Frederick William
Finch, Emily Olive
Ireland, Norman Arthur
McAteer, Patrick Joseph
Nietz, Herbert Walter
Pavia, Roy Rowling
Pearson, Henry Ernest, B.Sc.
Potter, Roy Adolph
Steward, Frederick John Harold

SCIENCE.

Degree of Doctor of Science:

Wheatley, Frederick William, B.A., B.Sc.

Honours Degree of Bachelor of Science:

Chemistry.

Dawkins, Alfred Ernest
Hardy, Tom Mayfield

Ordinary Degree of Bachelor of Science:

McDonald, Cyril George Hugh

Degree of Bachelor of Engineering:

Brookman, John Ragless
Espie, Frank Fancett

In lieu of surrendered Degree of Bachelor of Science:

Angwin, Hugh Thomas Moffitt
Basedow, Fritz Johannes
Chapman, Robert Hall
Cleland, William Lauder
Cooper, Wilfred Windham
Dumas, Russell John
Ellis, Frank, M.A.
Fairweather, Andrew
Gill, Lancelot Waring
Gray, William Watt Erskine
Greenlees, Alan David
Greenway, Harold
Heseltine, Augustus Frederick
Holder, Evan Morecott
McNamara, Louis Warnecke
Moore, Bertie Harcourt
Potts, William Andrew
Rennie, Edward James Cadell
Scott, Ronald Melville
Smith, Harold Whitmore
Stuckey, Vivian Charles
Whitington, Bertram

MUSIC.

Degree of Bachelor of Music :

Leckie, Alexander Joseph

The undermentioned graduates of other Universities were at the same Commemoration admitted *ad eundem gradum :—*

ARTS.

Marten, Robert Humphrey, junior, B.A. (Cambridge)
Winter, William Harris, B.A., B.D. (Dublin)
Jack, Fannie Augusta, B.A. (Sydney)

SCIENCE.

Corbin, Horace Hugh, B.Sc. (London).

MEDICINE.

deCrespigny, Constantine Trent Champion, M.D. (Melbourne)
Pulleine, Robert Henry, M.B. (Sydney)

ENGINEERING.

Jack, Robert Lockhart, B.E. (Sydney)
Ward, Leonard Keith, B.E. (Sydney)

Diplomas in Applied Science were granted to :—

Brookman, John Ragless | Espie, Frank Fancett

Diplomas in Commerce were granted to :—

Calder, William Cormack | Solly, Hubert Ambrose
Moyes, Charles Robert | Turner, Percy
Russack, Frederick William

The Diploma of Associate in Music was granted on the 3rd December to :—

Cilento, Gladys Muriel West | d'Arcy-Irvine, Alice Bond
Day, Florence Muriel | Evans, Bert

IV. STATUTES AND REGULATIONS.

During the year the following Statutes and Regulations have been made, amended, or repealed :—

STATUTES.

Chapter XIII., "Of the Angas Engineering Scholarhip and the Angas Engineering Exhibitions," repealed, and new Chapter substituted.

Clause 2 of Chapter XVIII., "Of Academic Dress," repealed, and new Clause substituted.

Clauses 1, 2, and 4 of Chapter XXII., "Of the Hartley Studenship,' repealed, and new Clauses substituted.

New Statutes made.

Chapter XXXV., "Of the Bundey Prize for English Verse."
Chapter XXXVI., "Of the John Creswell Scholarship."

REGULATIONS.

"Of the Degree of Bachelor of Science," Regulations II., III., IV., V., VI., VIII., and XII. repealed, and new Regulations substituted.

"Of the Diploma of Associate in Music," Regulations II., III., and XIII. repealed, and new Regulations II. and III. substituted.

"Of the Junior Commercial Examination," Regulation I. repealed, and new Regulation substituted.

"Of the Senior Commercial Examination," Regulations I., V., and X. repealed, and new Regulations I. and V. substituted.

New Regulations made.

"Of the Degrees of Bachelor and Master of Engineering."
"Of the Diploma in Forestry."

V. NUMBER OF STUDENTS.

The number of undergraduates was 395, exclusive of 20 graduates in Arts proceeding to the M.A. degree. In addition, various lectures of the B.A., B.Sc., and LL.B. courses, or of the course for the Diploma in Commerce, were attended by 305 non-graduating students. Of these, 33 attended from the School of Mines and 11 from the Pharmaceutical Society.

VI. FACULTY OF ARTS.

The number of undergraduates studying for the B.A. Degree was 193, including 16 holding Evening Studentships. Eighteen Bachelors of Arts were proceeding to the M.A. Degree.

Forty-eight students commenced the course for the B.A. Degree.

The Tinline Scholarship for History was awarded to Mabel Phyllis Hardy.

The David Murray Scholarships were awarded to Edgar Layton Bean (Classics) and Aubrey Clement Stevens (Philosophy).

During the first term Professor Naylor offered to give a special course of evening lectures in Elementary Greek. The Council gratefully accepted the offer, and the response was encouraging, as 22 students attended the course of lectures.

VII. Faculty of Science.

The number of undergraduates studying for the B.Sc. Degree was 65, including 2 holding Evening Studentships.

Fourteen students commenced the course.

The David Murray Scholarship in Chemistry was awarded to Alfred Ernest Dawkins, B.Sc.

The John Bagot Scholarship and Medal were awarded to Harriet Alison Rennie.

VIII. Faculty of Laws.

The number of undergraduates studying for the LL.B. Degree was 52, and, in addition, 4 non-graduating students were studying for Final Certificates in Law, to enable them to practise in the Supreme Court.

Twelve students commenced the course for the LL.B. Degree.

David Murray Scholarships were awarded to Thomas Lester Griffiths (Roman Law), and Harold Eric Moody (Theory of Law and Legislation).

IX. Faculty of Medicine.

The number of undergraduates studying for the M.B. Degree was 69.

Eleven students commenced the course.

Twelve completed the first year's course, 11 the second, 12 the third, 9 the fourth, and 10 the fifth.

The Dr. Davies Thomas Scholarships were awarded for the third year to Patrick William Rice, and for the fourth year to Reginald Arthur Haste, B.Sc., and Charles Trevor Turner, equal.

The Everard Scholarship was awarded to Joseph Stanley Verco.

X. Faculty of Music.

The number of undergraduates studying for the Mus. Bac. Degree was 14.

Six students commenced the course.

Two students completed the first year's course; 4 the second; and 1 the third.

One student passed the final examination (original exercise) for the Degree.

XI. Elder Conservatorium of Music.

The number of students attending the Conservatorium during the year was 318, of whom 44 were proceeding with the course for the Diploma of Associate in Music.

Elder Scholarships at the Conservatorium were awarded to Florence Muriel Day, Jack Fischer, Harry Ormonde Killicoat, Lena McLeay and Paula Mara Mewkill.

The Brookman Scholarship was awarded to Mary Sophie Sunbeam Bottrill.

XII. Evening Classes.

Evening Classes were held in the following subjects:—Physics, 1st and 2nd years, Inorganic Chemistry, English History, Latin, Psychology, Education, Logic, Ethics, Botany, Pure Mathematics (Second Year), Biology, Accountancy, Business Practice, Banking and Exchange, Commercial Law, and Economics.

XIII. Public Examinations in General Education.

At the Special Senior Examination in March 44 candidate presented themselves, and 21 passed in various subjects.

At the Primary Examination there were 1,030 candidates, of whom 607 received certificates; at the Junior Examination 831 candidates, of whom 365 passed in five or more subjects and 400 in fewer than five; at the Senior Examination in November 599 candidates, of whom 190 passed in five or more subjects and 327 passed in fewer than five; at the Higher Examination 164 candidates, of whom 124 passed in various subjects.

The Minister of Education again granted, gratuitously, the use of the Exhibition building for the Examinations in November, as, in consequence of the large number of candidates presenting themselves, the accommodation in the University was inadequate.

XIV. Public Examinations in Music.

From 1906 to 1911 these examinations were held jointly by the Universities of Melbourne and Adelaide. The Universities of Queensland, Tasmania, and Western Australia having joined the federation, the examinations will henceforth be held under the auspices of the five Universities.

It is felt that the Universities, whose standard is unquestionably high, should have sole control of examinations for the extension of musical education in the Commonwealth.

Public Examinations in Theory and Practice of Music were held in May and September.

Professor Peterson (of Melbourne) and Professor Ennis examined in Theory of Music, while Mr. W. A. Laver (of Melbourne), Professor Ennis and Mr. J. G. Reimann acted as Examiners in Practice. The results were :—

Theory of Music, 195 entered, and 160 passed, 23 with honours.

Practice of Music, 334 entered, and 275 passed, 20 with honours.

Scholarships were awarded to Nellie Gwendoline Stephens, Mollie Carrack, and Mollie Moseley.

XV. Angas Engineering Exhibition and Government Evening Studentships.

The Angas Engineering Exhibition was awarded to Wilfrid Oswald Jose.

Under the Regulations of 1909, the evening studentships for Arts and Science courses were awarded to 18 candidates for the year 1913.

XVI. Science Research Scholarship.

The Royal Commissioners of the Exhibition of 1851 invited the University to nominate a Scholar or Bursar for 1913. Harold Williams Sanders, B.A., was, on the recommendation of the Council, awarded a Bursary.

XVII. Commercial Education.

During the year students attended lectures and passed examinations as follows:—

Accountancy, 53 attended lectures, 28 entered, and 15 passed.

Economics I., 29 attended, 19 entered, and 13 passed.
Business Practice, 52 attended, 46 entered, and 29 passed.
Commercial Law, 60 attended, 48 entered, 28 passed.

The Joseph Fisher Medal was not awarded.

At the Junior Commercial Examination in November, 124 candidates presented themselves, of whom 41 passed in the five compulsory subjects and 77 in fewer than five subjects. At the Senior Commercial Examination 15 candidates presented themselves, of whom 5 passed in the five compulsory subjects and 9 in fewer than five.

XVIII. Classes for Dental and Massage Students.

Elementary classes in certain subjects for apprentices in Dentistry and Massage students were held, and 7 students attended.

XIX. Extension Lectures.

The following courses of Extension Lectures were given at the University :—Three lectures on "Hamlet and the Shakespearean Drama," by Professor Henderson; three lectures on "The Plant and its Environment," by Professor Osborn; three lectures on "Public Control of Industrial Combinations," by Professor Jethro Brown.

All applications made to the University by Country Centres and Institutes in South Australia for courses of Extension Lectures were complied with. The Professors devoted the May and August vacations to lecture tours, and courses were delivered at Mt. Lofty, Naracoorte, Millicent, Mount Gambier, Burra, Petersburg, Jamestown, and Broken Hill (two).

Three courses will be given at the University in 1914, viz. :— Three lectures by Professor Naylor, on "The Problem of Euripides"; three by Mr. Howchin, on "The Lost Rivers of South Australia"; and three by Mrs. Osborn, on "Some Stages in the Evolution of Plants."

XX. Representation of the University on the Board of Governors of the Public Library, Museum, and Art Gallery.

In October Professor Henderson and Professor Brown 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.

XXI. Representation of the University on the Board of Management of the Adelaide Hospital.

Dr. W. T. Hayward was re-elected to represent the University on the Board of Management of the Adelaide Hospital.

XXII. Invitations to Congresses and Celebrations.

Invitations to send representatives to Congresses and Celebrations were received for the—

1. Fourth International Congress on School Hygiene, at Buffalo, U.S.A., in August.

2. International Geological Congress in Canada, in August.

3. Thirtieth Anniversary Celebrations in connection with the Waseda University, Tokyo, in October.

Unfortunately, the Council were unable to send representatives to any of these.

XXIII. Further Endowments.

The sum of £1,300 to provide Scholarships in memory of the late John Creswell has been paid to the University, and the necessary Statutes have been made.

XXIV. Free Passages to Europe for University Students.

The Orient Steamship Company, in accordance with their generous offer, again granted two free first class return passages to students nominated by the University, going to Europe for the purpose of continuing their studies.

XXV. Donation from Pharmaceutical Society.

The Pharmaceutical Society of South Australia forwarded the ninth donation of seven guineas, to be applied to any purpose the Council might deem desirable.

XXVI. University Library.

Valuable additions were made to the Library during the year. It now contains about 29,000 volumes.

To provide students who are unable to attend the University during the daytime with further facilities for study, the Council authorised the opening of the Library on two evenings a week. The response to the experiment proved encouraging.

During the year valuable gifts of books to the Library were made by Mr. Ernest Ayers (on behalf of the trustees in the estate of the late Sir Henry Ayers), Dr. J. C. Verco, Dr. Symons, Dr. H. Rischbieth, and others.

XXVII. Gifts to the University.

During the year two patriotic citizens promised further endowments to the University.

Mr. R Barr Smith, through whose munificence the University Library has been built up to its present stage of efficiency, offered £10,000 to provide a Common Hall, Refectory, etc., for the students, on condition that the Government would subsidise the donation pound for pound and also allocate to and vest in the University the additional ground for which the Council had made request. The Government generously agreed to the subsidy, and when the allocation of the land has been made the necessary buildings will be erected.

Mr. Peter Waite offered to the University, subject to life interests for himself and Mrs. Waite, his "Urrbrae" estate at Mitcham of 134 acres, for the following purposes:—

1. The eastern portion, about 67 acres, with the mansion and other buildings thereon, to be used for University work in Agriculture, Botany, Entomology, Horticulture, and Forestry.
2. The other half to be a Public Park under the control of the University, with permission to use 10 or 15 acres for a Students' Sports Ground if thought desirable.

The Council gratefully accepted Mr. Waite's munificent offer. A condition of the gift—which the Government has assented to—is that no Succession Duty shall be payable by the University in respect of it.

XXVIII. Visit of the British Association for the Advancement of Science.

In view of the visit of the British Association for the Advancement of Science in August next, and of the meetings to be held in Adelaide and the other Australian Capitals, it was found desirable to make some readjustment of the two short vacations in 1914. At the end of the first term there will be a vacation of one week only, instead of two weeks, while the vacation between the second and third terms will extend over three weeks. This will allow the University buildings to be used by the Association, and will also enable members of the University to attend the meetings in Melbourne and Sydney as well as in Adelaide.

XXIX. 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, inventor of the stripper.

This Scholarship is tenable for two years, and will be awarded in alternate years to a Diploma Student of the Agricultural College, enabling him to complete the course for the B.Sc. degree in the University.

Professor Rennie has been appointed one of the Trustees for this Scholarship.

XXX. Accounts.

An abstract, duly audited, of the income and expenditure during the year 1913 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 1913.

Signed on behalf of the Council,

S. J. WAY,

Chancellor.

Adelaide,

January 23rd, 1914.

Financial Statements.

1913.

THE UNIVERSITY

Account of Income and Expenditure for the year which ended on the 31st and 38 Victoria

Income.	£	s.	d.	£	s.	d.
Balances—						
In Bank of Adelaide on 1st January, 1913 (Current Account)	965	3	2			
In hands of Agent-General on 1st January, 1913	63	16	2			
In hands of Accountant	25	0	0			
				1,053	19	4
H.M. Government of South Australia—						
Annual Subsidy on Endowments	7,203	4	0			
Annual Statutory Grant	4,000	0	0			
Subsidy to Botanical Department	600	0	0			
				11,803	4	0
Fees—						
Schools of Arts and Science, Evening Classes and Public Examinations	4,392	19	3			
School of Law	731	11	0			
School of Medicine	2,005	10	3			
School of Music:						
Mus. Bac. Course and Public Examinations in Music... ... 361 7 6						
Elder Conservatorium 2,692 11 6						
Concerts 51 19 0						
	3,105	18	0			
Diploma in Commerce	317	5	3			
				10,553	3	9
Interest				5,041	4	6
Rent				173	0	0

Forward £28,624 11 7

OF ADELAIDE.

December, 1913, *furnished in compliance with the 18th Section of Act* 37 *No.* 20 *of* 1874.

Expenditure.	£	s.	d.	£	s.	d.
Schools of Arts and Science—						
Salaries	8,717	2	4			
Other Expenses—						
Additional Examiners, Supervisors, Examination Papers, Printing, etc., for Degree and Public Examinations	1,690	5	8			
Lecture Fees to School of Mines	108	6	3			
Fees to School of Design	16	18	10			
Physical Laboratory	140	9	8			
Chemical Laboratory	101	4	3			
Engineering Department: Mining ...	20	3	3			
Geological Laboratory	24	9	1			
Botanical Laboratory	51	18	10			
				10,870	18	2
School of Laws—						
Salaries	1,150	0	0			
Other Expenses—						
Additional Examiners, Examination Papers, Printing, etc.	51	8	9			
				1,201	8	9
School of Medicine—						
Salaries	3,611	7	2			
Other Expenses—						
Additional Examiners, Examination Papers, Printing, etc.	46	18	3			
Anatomical Department	84	9	7			
Physiological Laboratory	44	16	4			
				3,787	11	4
School of Music—						
Mus. Bac. Course—						
Salaries	600	0	0			
Other Expenses—						
Additional Examiners, Printing, Examination Papers, etc.	30	17	11			
	630	17	11			
Elder Conservatorium—						
Salaries	3,243	16	1			
Other Expenses						
Concert Account	113	7	8			
Advertising, Printing, Tuning, Gas, Telephone, and Sundries	216	14	7			
Freight and Duty on Pianos and Hire	65	16	0			
Orchestra	218	16	10			
	3,858	11	2			
Public Examinations in Music—						
Examiners' Expenses and Fees	111	14	4			
Advertising and Printing ...	51	2	2			
Sundries and Expenses Local Centres, etc.	46	15	7			
	209	12	1			
				4,699	1	2
Forward				£20,558	19	5

	£	s.	d.
Brought forward	28,624	11	7
Donation by Pharmaceutical Society of South Australia	7	7	0
Calendar—			
Received on sale of Calendars	37	4	0
Geo. Brookman, Esq.—			
The "Brookman Scholarship"	20	0	0
Professor J. M. Ennis			
The "Ennis Prize," 1912	5	5	0
Forward	£28,694	7	7

	£ s. d	£ s. d.
Brought Forward		20,558 19 5
Diploma in Commerce—		
Honoraria to Lecturers	247 12 9	
Printing, &c.	32 12 3	
		280 5 0
Angas Engineering Scholarship—		
Paid Scholar		137 10 0
Angas Engineering Exhibition—		
Paid Exhibitioners		100 0 0
J. H. Clark Scholarship—		
Paid Scholars		40 0 0
Dr. Davies Thomas Scholarships—		
Paid Scholars		20 0 0
Roby Fletcher Prize—		
Paid Prizeman		10 0 0
Stow Prizes—		
Paid Prizemen		45 0 0
Elder Prizes—		
Paid Prizemen		20 0 0
R. Barr Smith Prize—		
Paid Prizeman		10 0 0
Everard Scholarship—		
Paid Scholar		30 0 0
Tennyson Medals—		
Engraving		8 0
Andrew Scott Memorial Prize—		
Paid Prizeman		6 0 0
Tinline Scholarship—		
Paid Prizemen		60 0 0
David Murray Scholarships—		
Paid Prizemen		83 6 8
Hartley Studentship—		
Paid Students		25 0 0
The Brookman Scholarship—		
Paid Scholar		20 0 0
The Robert Whinham Prize		5 0 0
Registrar's Department and House Salaries ...		2,417 2 4
Senate		69 9 3
Stationery		137 17 6
Buildings—Repairs and Additions		279 12 3
Land Tax		117 11 2
Forward		£24,473 1 7

	£ s. d.
Brought forward	£28,694 7 7
	£28,694 7 7

F. W. EARDLEY,
Accountant

	£ s. d.	£ s. d.
Brought Forward		£24,473 1 7
Miscellaneous Expenses—		
Advertising, Printing, Gas, Water, House Sundries, Auditors' Fees, Insurance, Petty Cash, etc.	745 19 6	
Supplementary Royal Charter	104 16 6	
		850 16 0
Trustees of the Sports Ground—		
General Expenses, Annual Grant ...		297 7 7
Interest—		
Interest on Temporary Advances		158 14 7
Calendar—		
Printing		226 4 9
Piano Sinking Fund Policy		84 14 2
Applied to Capital Expenditure and Repayment of Temporary Advances		2,367 0 4
Balances—		
In hands of Agent-General	72 3 11	
In Bank of Adelaide (Current Account) £309 15 4		
Less cheques outstanding 170 10 8		
	139 4 8	
In hands of the Accountant	25 0 0	
		236 8 7
		£28,694 7 7

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, 1913, 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 accrued due to and by the University and unpaid on the said 31st day of December, 1913.

J. EDWIN THOMAS, F.I.A.S.A.,
ARTHUR YOUNG HARVEY, } Auditors.

Adelaide, 14th January, 1914.

THE UNIVERSITY

A *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			
Hon. J. H. Angas (Chair of Chemistry) ...	6,000	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			
Evening Classes	1,220	0	0			
Everard Scholarship	1,000	0	0			
J. Fisher, Esq. (Commercial Education) ...	1,000	0	0			
Tinline Scholarship	1,000	0	0			
Dr. Charles Gosse Lectureship	800	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			
The John Bagot Prize and Medal	500	0	0			
The Dr. E. W. Way Lectureship on Gynæcology	473	1	3			
The Dr. Davies-Thomas Scholarship ...	400	0	0			
The Bundey Prize	200	0	0			
Roby-Fletcher Scholarship	160	0	0			
St. Alban Scholarship	150	0	0			
S.A. Commercial Travellers' Association Scholarship...	150	0	0			
R. Barr Smith Prize for Greek	150	0	0			
Andrew Scott Memorial	115	0	0			
The Tennyson Medals	100	0	0			
The Robert Whinham Prize	84	9	6			
The Tate Memorial Medal	60	0	0			
				113,565	16	9
General Purposes—						
Sir T. Elder (Endowment)	25,000	0	0			
Temporary Advances	3,779	11	6			
Contributed from Income	9,306	11	5			
				38,086	2	11
Forward				£151,651	19	8

OF ADELAIDE.

in respect to Capital as on 31st December, 1913.

	£	s.	d.	£	s.	d.
INVESTMENTS OF ENDOWMENTS ACCOUNT—						
In Land	4,795	18	10			
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. Government of S.A. (at cost)	86,536	14	8			
In Inscribed Stock of H.M. Government of S.A. (at cost)	488	3	3			
In W.A. Local Inscribed Stock	2,000	0	0			
				113,565	16	9
INVESTMENT OF FUNDS FOR GENERAL PURPOSES—						
Elder Conservatorium Building	18,780	5	8			
Prince of Wales Building	11,063	9	3			
Elder Anatomical Building	5,814	2	8			
S.A. Consolidated Stock (at cost) *see above*	2,428	5	4			
				38,086		11
				£151,651	19	8

	£ s. d.	£ s. d.
Brought Forward		151,651 19 8
LAND ENDOWMENT—		
ORIGINAL GRANT BY H.M. GOVERNMENT—		
Country Lands	50,000 0 0	
Less repurchased for railway	103 13 9	
	49,896 6 3	
University site	5,000 0 0	
	54,896 6 3	
CONTRIBUTIONS FROM INCOME	3,282 16 0	
SPECIAL DONATIONS FOR FENCE—		
R. Barr Smith, Esq.	400 0 0	
Hon. Sir John Duncan } W. H. Duncan, Esq. }	250 0 0	
		58,829 2 3
BUILDINGS (UNIVERSITY)—		
Contributed by H. M. Government ..	18,014 0 0	
Contributed by Private Donations	1,890 5 0	
Contributed from Income	19,209 4 8	
	39,113 9 8	
H.M. GOVERNMENT GRANT FOR BUILDINGS—		
Contributed by H.M. Government	12,000 0 0	
Less amount expended in Fittings, Fixtures, and Equipment (see below) ...	1,345 8 4	
	10,654 11 8	
		49,768 1 4
SPECIAL ENDOWMENT—BARR SMITH LIBRARY—		
Donations from R. Barr Smith, Esq. ...	9,000 0 0	
Interest thereon	105 19 11	
		9,105 19 11
CONTRIBUTED OUT OF INCOME towards the Equipment, etc., of the University ..	19,138 14 9	
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 expended in Fittings, Fixtures, and Equipment (see above)	1,345 8 4	
		21,494 3 1
		£290,849 6 3

F. W. EARDLEY, Accountant.

	£ s. d.	£ s. d.
Brought forward		151,651 19 8
LAND ACCOUNT—		
University Site—		
Original Grant 5,000 0 0		
Improvements thereon (exclusive of buildings) . 1,032 14 6		
Balance of Special Donation unexpended 20 6 5		
	6,053 0 11	
S.A. Inscribed Stock (purchase money for country lands)	40,000 0 0	
Loss on Sale of Country Lands	12,776 1 4	
		58,829 2 3
BUILDINGS—		
Expended on University Buildings	39,113 9 8	
Additions to Main Building for Library, etc. 7,632 10 11		
Additions to Physiological Department for Botanical Laboratory 3,022 0 9		
	10,654 11 8	
		49,768 1 4
SPECIAL ENDOWMENT—Barr Smith Library—		
Books purchased	8,624 8 4	
Balance unexpended	481 11 7	
		9,105 19 11
EQUIPMENT—		
Library Books and Binding	6,916 6 4	
Laboratories, Material and Apparatus, and unconsumed material	5,271 1 5	
Museum Exhibits, etc.	402 18 7	
Furniture	5,428 11 3	
Organ—Conservatorium	1,541 10 11	
Installation of Electric Light	923 14 7	
Special Donation: Expended on Apparatus	510 0 0	
Special Donation: Research Work—		
Expended on Apparatus .. 332 4 1		
Balance unexpended ... 167 15 11		
	500 0 0	
		21,494 3 1
		£290,849 6 3

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, 1913, 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 accrued due to and by the University and unpaid on the said 31st day of December, 1913. 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.

J. EDWIN THOMAS, F.I.A S.A.,
ARTHUR YOUNG HARVEY, } Auditors

Adelaide, 14th January, 1914.

STATEMENT OF ACCOUNTS OTHER THAN

DR.	£ s. d.	£ s. d.
EXTENSION LECTURES—		
Balance 1st January, 1913 ..	81 16 4	
Fees Received, etc.	167 5 6	
		249 1 10
SPECIAL ENDOWMENT: BARR SMITH LIBRARY ACCOUNT—		
Unexpended Balance, 1st January, 1913	730 0 3	
		730 0 3
TRUSTEES OF SPORTS FUND—		
Donations to General Acct. (to date)	2,210 5 9	
" Pavilion Acct., "	1,300 0 0	
" Boat Shed Acct., "	750 0 0	
		4,260 5 9
BARR SMITH RESEARCH FUND—		
Unexpended Balance, 1st January, 1913		175 13 9
COMMERCIAL EDUCATION—		
Balance 1st January, 1913 ...	507 16 6	
Interest and Subsidy for 1913 ...	90 0 0	
Contributed from General Income Account	160 11 0	
		758 7 6
DAVID MURRAY SCHOLARSHIPS—		
Unexpended Balance, 1st January, 1913	112 10 0	
Interest and Subsidy for 1913 ...	180 0 0	
		292 10 0
LOWRIE SCHOLARSHIP—		
Balance unexpended, 1st January, 1913	515 7 11	
Interest for 1913	15 0 0	
		530 7 11
BRITISH MEDICAL ASSOCIATION (S.A. Branch)—		
Unexpended Balance 1st January, 1913	8 5 9	
Donations to Library during 1913	50 0 0	
		58 5 9
		£7,054 12 9

CAPITAL AND INCOME FOR THE YEAR 1913.

Cr.	£ s. d.	£ s. d.
EXTENSION LECTURES—		
Advertising, Printing, and other Expenses	72 6 8	
Fees to Lecturers	122 17 0	
Balance (unexpended)	53 18 2	
		249 1 10
SPECIAL ENDOWMENT: BARR SMITH LIBRARY ACCOUNT—		
Expended on account of Books	248 8 8	
Bal. unexpended, 31st Dec., '13	481 11 7	
		730 0 3
TRUSTEES OF SPORTS FUND—		
Expended on General Account	2,246 18 0	
" Pavilion Account	1,252 14 9	
" Boat Shed ...	750 0 0	
" Lighting ...	10 13 0	
		4,260 5 9
BARR SMITH RESEARCH FUND—		
Expended on Apparatus	7 17 10	
Balance (unexpended)	167 15 11	
		175 13 9
COMMERCIAL EDUCATION—		
Lecturers' Honoraria — Commercial Course	247 12 9	
Sundries	2 18 3	
Balance (unexpended)	507 16 6	
		758 7 6
DAVID MURRAY SCHOLARSHIPS—		
Paid Scholars	83 6 8	
Transferred to Income Account	96 13 4	
Balance (unexpended)	112 10 0	
		292 10 0
LOWRIE SCHOLARSHIP—		
Balance		530 7 11
BRITISH MEDICAL ASSOCIATION—		
Expended on Books	32 2 9	
Balance (unexpended)	26 3 0	
		58 5 9
		£7,054 12 9

THE UNIVERSITY OF ADELAIDE.

EXAMINATION RESULTS, 1913.

MARCH EXAMINATIONS.

FACULTY OF LAW.

PASS LIST.

(In order of merit).

Property, Part I. (110)

None passed.

Property, Part II. (111).

THIRD CLASS.

Rollison, William Alexander
Blackburn, Arthur Seaforth
Mellor, Thomas Reginald
Thornton, Walter Archibald

} equal

Law of Contracts (112).

THIRD CLASS.

Alderman, Henry Graham

Law of Wrongs (113).

THIRD CLASS.

Blackburn, Arthur Seaforth

Evidence and Procedure (114).

SECOND CLASS.

Abbott, Charles Arthur Hillas Lempriere, B.A.

Constitutional Law (115).

None passed.

SUPPLEMENTARY EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

PASS LIST.

FIRST YEAR.

Physiology.

Hines, Peter Joseph

Thus completing the First Year.

Inorganic Chemistry.

(Old Regulations).

Rolland, James Alexander

Thus Completing the First Year.

SECOND YEAR.

Anatomy.

Abbott, Nigel Basil Gresley | Young, Alfreda Dorothy
Shipway, Graham Stuart |

Thus completing the Second Year.

SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

THIRD YEAR.

Harmony.

PASSED.

Leckie, Alexander Joseph

Thus completing the Third Year.

SPECIAL EXAMINATION FOR INTENDING STUDENTS IN MEDICINE.

PASS LIST.

Biology.

None passed.

Inorganic Chemistry.

Messent, Philip Santo

Physics.

None passed.

NOVEMBER EXAMINATIONS, 1913.

EXAMINATION FOR THE DEGREE OF DOCTOR OF SCIENCE, Thesis Approved.

Wheatley, Frederick William, B.A., B.Sc.

EXAMINATION FOR THE HONOURS DEGREE OF BACHELOR OF ARTS.

PASS LIST.

Classics.

FIRST CLASS.

*Bean, Edgar Layton

*Recommended for the David Murray Scholarship in Classics

SECOND CLASS.

Stewart, Colin Gore | Walter, Hilda Blanche May

THIRD CLASS.

Prince, Erica Lloyd

Philosophy (25).

SECOND CLASS.

Jackson, Sarah Elizabeth, B.A.

EXAMINATION FOR THE HONOURS DEGREE OF BACHELOR OF SCIENCE.

PASS LIST.

Chemistry.

FIRST CLASS.

Dawkins, Alfred Ernest

SECOND CLASS.

Baxter, Reginald Robert

The following students passed in subjects of the Courses for the Ordinary Degree of Bachelor of Arts, Bachelor of Science, Bachelor of Engineering, or in Applied Science, at the annual examinations in November, 1913.

PASS LISTS

(In alphabetical order unless otherwise stated).

PASS LIST.

Greek (1).

FIRST YEAR.

Division I.

*Burgess, Frederick Martin | Sharman, Ethel Olive

Division II.

Skewes, Edward Foster

Division III.

Northey, James Douglas | Wemyss, Eleanor Evelyn Beatrice

*Recommended for the Barr Smith Prize in Greek.

SECOND YEAR.

Division I.

Dorsch, Ernst Georg

Division II.

Berry, Frances Winifred | Payne, Louise Mary Gwythyr

Division III.

Baker, Arthur James Kendall | Tuck, Bernard Edward Charles
Steward, Frederick John Harold

Latin (2).

FIRST YEAR.

Division I.

*Burgess, Frederick Martin | Sharman, Ethel Olive
Martin, William Thomas

Division II.

Godlee, Margery Rebecca | Oldham, Wilfred
Good, Frances Helena | Scholefield, Agnes Mary
Head, Zuleime May | Sharman, Florence Mary
Landvogt, Joseph Ignatius | Skewes, Edward Foster

Division III.

Clarke, Laurence Eric | Maclaren, Peter Patrick
Cleland, Thomas Erskine | McRostie, Ella Kate
Davey, Robert Shannon | Munn, Bertha Helen Temple
Joyner, Max Frederick | Padman, Clarence Swan
McDonald, Ross | Thomas, Frank Williams

*Recommended for the Andrew Scott Prize in Latin.

SECOND YEAR.

Division I.

Burdon, Roy Stanley

Division II.

Berry, Frances Winifred | Ireland, Norman Arthur
Cameron, Robert Ewen | Moyle, Sidney
Dorsch, Ernst Georg | Stephens, Ella Mary
Finch, Olive Emily

Division III.

Baker, Arthur James Kendall | Steward, Frederick John Harold
Mutton, Henry Edward Howard | Thrush, Harry Clifford
Pearson, Henry Ernest, B.Sc. | Wainwright, John William
Richards, Eva Gertrude

English Language and Literature (8).

Division I.

Ferguson, Mary Salier
Hayward, Kitty Pauline
Moyle, Sidney
Munn, Bertha Helen Temple
Oldham, Wilfrid
Scholefield, Agnes Mary
*Williams, Gwenneth

Division II.

Anderson, Marjorie
Baker, Arthur James Kendall
Brummitt, Ida Muriel
Flaherty, Edward John
Flint, Adela Lysander
Gellert, Leon Maxwell
Gilbert, Olive Violet
Gowans, Andrew
Head, Zuleime May
Hill, Dorothy Kathleen
Kitson, Mary Cecil
Lloyd, Ethel Innes
Mawby, Olga Gates
Nietz, Herbert Walter
Padman, Clarence Swan
Poynton, Mary Mabel
Richards, Eva Gertrude
Sharman, Florence Mary
Tassie, Jean Reid
Thomas, Frank Williams
Wall, Kathleen May

Division III.

D'Enyar, John James
Digance, James Roy
Hodges, Dora Elizabeth
Jacob, John Gilbert
Jones, Lois Gwendoline
Laurie, Leonard Buxton
Limb, Arthur
Macaulay, Mary
Nicholls, Jonathan Kingsley
Thrush, Harry Clifford
Timcke, Edward Waldemar
Williams, Caroline Margaret

*Recommended for the John Howard Clark Scholarship.

French (9).

FIRST YEAR.

Division II.

Heyne, Ida Marie

Division III.

Anderson, Marjorie
Clutterbuck, Ethel May
Laurie, Leonard Buxton
Thomas, Kathleen Kyffin

SECOND YEAR.

Division III.

Roach, Dorothy Angela
von Bibra, Elizabeth Bertha

German (10).

FIRST YEAR.

Division I.

Haese, Ernst Alfred Wilhelm

Division II.

Bogner, Ernst Wilhelm Georg

SECOND YEAR.

Division I.

Coombe, Samuel Walter
Klose, Alfred Emil Johannes

Division III.

Bartholomaeus, Edmund Stanley
Bierwirth, Frederich Gertrudius Ralph Louis Ulrich Henry
Eardley, Frederick William

History of the United Kingdom (12).

Division I.

Davenport, Arthur Vernon
Gale, Frederick Julius
*Hardy, Mabel Phyllis
Mann, Gertrude Irene
Pitt, George Henry

Division II.

Cameron, Robert Ewen
Godlee, Margery Rebecca
Heyne, Ida Marie
Kayser, Julius August William
Maclaren, Peter Patrick
McRostie, Ella Kate
Sharman, Ethel Olive
Stephens, Ella Mary

Division III.

Browne, Philip
Bulbeck, Arthur Leslie
Davies, George Francis
Hay, Ida Cornish
Hill, John Holroyd
Holland, George Harold
Leslie, Colin
Lushey, Harold Merton
McDonald, Ross
Sarre, Vera Georgina
Schmitz, Maurice
Shoebridge, William Henry
Taylor, Eric Clive Hamlet
Warren, Sidney Lilla

*Recommended for the Tinline Scholarship.

Economics (I.) (20).

Division II.

Bartholomaeus, Edmund Stanley
Bennett, Charles Gordon
Bills, James
Davey, Constance Muriel
Gillham, Charles Alfred
Gratton, Francis Lymer
Jackson, Sarah Elizabeth, B.A.
Schultz, Frederick Balfour, LL.B.

Division III.

Ayliffe, William Lionel
Harry, Irene Pearl
Hill, Albert Charles
Northey, James Douglas
Odgers, Josiah Walter
Proud, Millicent Farrer, B.A.
Shoebridge, William Henry

Psychology (21).

Division I.

Burdon, Roy Stanley
Ledger, Gladys May, B.A.
*Williams, Francis Edgar

Division II.

Claxton, Elsie Mabel
Oldham, Wilfred
Steward, Frederick John Harold
Watson, Percival
Williams, Gwenneth

Division III.

deLisle, Frank
Goss, Norman Claridge
Good, Frances Helena
Mellor, Thomas Reginald
Moyle, Sidney
Nairn, Alexander Livingstone, B.A.
Payne, Louise Mary Gwythyr
Phillips, Mary Scott
Stewart, Helen Fowler

Logic (22).

Division I.

*Williams, Francis Edgar

Division II.

Ledger, Gladys May, B.A.

Division III.

Blackburn, John Stewart
Coombe, Samuel Walter
Davey, Robert Shannon
Garton, Mary May
Payne, Louise Mary Gwythyr
Smith, Iris Eileen
Tregenza, Albert Gray
Williams, Caroline Margaret

*Recommended for the Roby Fletcher Prize in Psychology and Logic.

Ethics (23).

Division II.

Dinning, Alfred Ernest
Gale, Frederick Julius
Gartrell, Francis John
Schultz, Frederick Balfour, LL.B.

Division III.

Browne, Philip
Coombe, Samuel Walter
Cresswell, James Edwin
Curnow, Hubert Linley
deLisle, Frank
Goss, Norman Claridge
Gordon, Albert William
Le Lecheur, Hellier
Murphy, Dennis Daniel
Nietz, Herbert Walter
Stephens, Ella Mary
Verco, Claude Maythorn

Philosophy (24)

Division II.

Davey, Constance Muriel
Weir, Isobel

Division III.

Goss, Norman Claridge
Stephens, Ella Mary
Steward, Frederick John Harold
Verco, Claude Maythorn

Education (26).

Division I.

Head, Zuleime May
Nietz, Herbert Walter

Division II.

Digance, James Roy
Fitzgerald, Mary
Flint, Adela Lysander
Gilbert, Olive Violet
Harrison, William Arthur
Limb. Arthur
McLaren, Clarence Roy
Mawby, Olga Gates
Meyer, Elsie Josephine
Mitchell, Winifred Irene
Munn, Bertha Helen Temple
Nicholls, Jonathan Kingsley
Poynton, Mary Mabel
Richards, Eva Gertrude
Scholefield, Agnes Mary
Sudholz, Gertrude Alice
Wall, Kathleen May

Division III.

Darke, Laura Gwendoline
Dickinson, Victor Knowlton
Gerlach, Max Johann
Hales, Eva Maude
Hanlon, Alice
Hayward, Muriel Myrtle
Johncock, John Arthur
Jones, Lois Gwendoline
Lawry, Serena
McCann, William Francis James
Mugford, Charles Samuel
Sard, Thomas Balfour Cooper
Tiver, Stanley James
Williams, Allison Sylvia

JURISPRUDENCE.

Constitutional Law (115).

Division II.

Blair, Euphemia Theodosia

Theory of Law and Legislation (117).

Division III.

Blair, Euphemia Theodosia

PURE MATHEMATICS (30).

Compulsory Mathematics, B.Sc. Course, First Year for B.A., B.E., and Diploma in Applied Science.

Division I.

(In order of merit).

McRostie, Ella Kate
Burdon, Roy Stanley
Gluis, John, B.A.
Pentelow, Samuel Thomas Otho

Hodgson, Keith
Oldham, Wilfrid
Richards, Clarence
Tregenza, Howard Stanley
Williams, Allison Sylvia

} equal

Division II.

(In order of merit).

Pellew, Clarence Everard
Nicholson, Hugh John Gay
Wall, Kathleen May
Sanders, Raymond Charles } equal

Potts, Roy Edred
McCann, William Francis James

Division III.

(In alphabetical order).

Darke, Laura Gwendoline
Hoskins, Howard Berthold
Keley, Arthur Harold

Messent, Albert Edward
Robertson, Frederick Arnold
Thomas, Frank Wiliams

Pure Mathematics (31).

SECOND YEAR.

Division II.

(In order of merit).

Allen, Edgar, B.A.
Burgess, Frederick Martin
Tuck, Harry Playford } equal

Division III.

(In alphabetical order).

Flaherty, Edward John
Fowler, Russell Aubrey
Gluis, John, B.A.
Jacob, John Gilbert
Kennedy, Alexander Lorimer
Kneebone, Christopher Stephen

Marmion, Robert James
Matthews, Frank
Potts, Frank Roland
Potts, Roy Edred
Somerville, Hugh Norman
Thrush, Harry Clifford
Timcke Edward Waldemar

Pure Mathematics (32).

THIRD YEAR.

Division I.

Stephens, Eric Goyne

Division III.

(In alphabetical order).

Nietz, Herbert Walter | Wheaton, George

Applied Mathematics (33).

Division I.

Davis, Ray
Tuck, Harry Playford — equal

Division II.

(In order of merit).

Flaherty, Edward John | Newbery, John Bull
Wheaton, George | Sharman, Florence Mary

Division III.

(In alphabetical order).

Fowler, Russell Aubrey | Kneebone, Christopher Stephen

Applied Mechanics III. (36).

Division I.

(In order of merit).

Yates, Donald | Goodman, Cyril William
Reid, Frederick William | Berriman, Robert Harrold

Division II.

(In order of merit).

Snow, Wilfrid Rippon | Somerville, Hugh Norman

Spherical Trigonometry and Astronomy (36a).

Division II.

Willsmore, Hurtle Binks

Physics (37).

Compulsory Physics, B Sc. Course.

First Year for B.A., B.E., and Diploma in Applied Science.

Division II.

(In order of merit).

Pryor, William Arthur | Linn, Leslie Wadmore
Nicholson, Hugh John Gay | Laurie, Leonard Buxton

Division III.

(In alphabetical order).

Ellis, Arthur Benjamin, B.A.
Fowler, Russel Aubrey
Gerlach, Max Johann
Hutcheson, George Ian Dewart
Jones, Eric Edmund
Kneebone, Christopher Stephen
McGlew, Phyllis Dorothy
Moyle, Sidney
Pellew, Clarence Everard
Pinches, Alfred Leslie
Potts, Frank Roland
Riddle, Arthur Raymond
Summerhayes, Reginald
Taylor, Benjamin Thomas
Tregenza, Howard Stanley
Wallmann, Douglas Robson
Wheaton, George

Physics (38).

SECOND YEAR.

Division I.

Burdon, Roy Stanley

Division II.

(In order of merit).

Berriman, Robert Harrold
Goodman, Cyril William
Yates, Donald

Division III.

(In alphabetical order).

Denton, Esmond Knill
Smith, Raydon Berry
Somerville, Hugh Norman
Tuck, Harry Playford

Physics (39).

THIRD YEAR.

Division III.

Oldfield, Richard Gregory

Compulsory Chemistry, B.Sc. Course (45).

Inorganic Chemistry, B.A. Course.

Division I.

(In order of merit).

Burdon, Roy Stanley
Hutcheson, George Ian Dewart
Nicholson, Hugh John Gay
Richards, Clarence
Gray, Gilbert William

Division II.

(In order of merit).

Stoate, Theodore Norman
Smith, Raydon Berry

Division III.

(In alphabetical order).

Christie, William
Cilento, Raphael West
Hurley, Leonard Joseph Bernard
Jeffreys, Jeffrey Graham
Jones, Eric Edmund
Mudie, George Dempster
Pellew, Clarence Everard
Pinches, Alfred Leslie
Riddle, Arthur Raymond
Russell, Alfred Burgess
Sanders, Raymond Charles
Schedlich, Alfred Karl
Stevens, Norman Botting
Stronach, William Keith
Wallmann, Douglas Robson
Ward, Cyril Michael, M.A.

Chemistry, Part I., Theoretical (46).

Division I.

(In order of merit).

Davis, Ray | Richards, Clarence

Division III.

(In alphabetical order).

Gault, Estelle Ruth | Hughes, Wilfrid John Mann

Chemistry, Part I., Practical (48).

Division I.

Davis, Ray

Division III.

(In alphabetical order).

Jeffreys, Jeffrey Graham | Richards, Clarence

Chemistry, Part II., Theoretical (47).

Division I.

Tilley, Cecil Edgar

Chemistry, Part II., Practical (49).

Division I.

Tilley, Cecil Edgar

Division II.

Gault, Estelle Ruth

Physical Chemistry.

One term only being the same as that required for the First Year, M.B. (New Regulations).

JUNE EXAMINATION.

McKail, Ronald George

NOVEMBER EXAMINATION.

Linn, Leslie Wadmore

Organic Chemistry (51 and 53).

Division I.

Linn, Leslie Wadmore

Division II.

(In order of merit).

McKail, Ronald George | Cole, Cyril Richard

Division III.

(In alphabetical order).

Hughes, Wilfrid John Mann | Rolland, James Alexander

Compulsory Physiography (55a).

Division I.

Ham, William

Division II.

(In order of merit).

Barnes, Alice Mary | Johncock, Charles Fuller

Division III.

(In alphabetical order).

Kneebone, Christopher Stephen | Richards, Clarence
Rodger, Geoffrey James

Geology, Part 1 (55 B, C, and D).

Division I.

(In order of merit).

Tilley, Cecil Edgar | Snow, Wilfrid Rippon

Division II.

Gault, Estelle Ruth

Division III.

(In alphabetical order).

Hylton, James Roy
Jeffreys, Jeffrey Graham | von Bibra, Elizabeth Bertha

Mining Geology (61).

Division I.

Espie, Frank Fancett

Division II.

Snow, Wilfrid Rippon

Division III.

Hylton, James Roy

Elementary (Compulsory) Botany (62).

Division I.

(In order of merit).

*Rennie, Harriet Alison

Division II.

(In order of merit).

Symons, Ivor Gordon
Wilkinson, Herbert John
Riddle, Arthur Raymond
Carr, Emma Lucy

Division III.

(In alphabetical order).

Andrew, Horace Walpole
Barbour, Graemme Madowal, B.A.
Morphett, Zeta Rose
Rodger, Geoffrey James

*Recommended for the John Bagot Scholarship and Medal.

Elementary (Compulsory) Biology (66).

Division I.

Tilley, Cecil Edgar

Division II.

(In order of merit).

Pryor, William Arthur
McGlew, Phyllis Dorothy
Messent, Philip Santo
Wallmann, Douglas Robson

Division III.

(In alphabetical order).

Christie, William
Collins, Arnold William
Lindon, Leonard Charles Edward
Pinches, Alfred Leslie
Richards, Clarence
Schedlich, Alfred Karl
Taylor, Benjamin Thomas
Wheaton, George
Willcock, Olive Amelia
Wilson, Lawrence Algernon
Worsnop, Elsie Madeline, B.A.

Forestry. (71e) Section 1.

Division I.

McKail, Ronald George

Division II.

(In order of merit).

Pinches, Alfred Leslie
Schedlich, Alfred Karl

Division III.

(In alphabetical order).

Cole, Cyril Richard
Rodger, Geoffrey James

GEOLOGY (FORESTRY COURSE) 71b.

(a) Dynamical Geology.

See under Physiography (55a).

(b. and c) Mineralogy and Petrography.

Division II.

Cole, Cyril Richard

Division III.

Rodger, Geoffrey James

(d) Structural Geology.

Division III.

(In alphabetical order).

Cole, Cyril Richard | Rodger, Geoffrey James

Forest Entomology (71c).

Division II.

Rodger, Geoffrey James

Division III.

(In alphabetical order).

Cole, Cyril Richard | Pinches, Alfred Leslie
McKail, Ronald George | Schedlich, Alfred Karl

Forest Botany (65c).

Division II.

(In order of merit).

McKail, Ronald George | Schedlich, Alfred Karl

Division III.

(In alphabetical order).

Pinches, Alfred Leslie | Rodger, Geoffrey James

Applied Mechanics II. (73).

Division III.

Denton, Esmond Knill

Assaying II. (Metallurgy Course) (76).

Division II.

Hylton, James Roy

Assaying II. (Mining) (77).

Division I.

Espie, Frank Fancett

Assaying III. (79).

Division II.

Laughton, Reginald Alfred Lampiere

Division III.

Hylton, James Roy | Snow, Wilfrid Rippon

DRAWING I. (81).

Intermediate Perspective.

Dart, Ralph John
Nicholson, Hugh John Gay
Robin, Geoffrey deQuetteville
Smith, Raydon Berry
Tuck, Harry Playford
Hutcheson, George Ian Dewart
Kneebone, Christopher Stephen
Sanders, Raymond Charles

Intermediate Freehand.

Dart, Ralph John
Nicholson, Hugh John Gay
Smith, Raydon Berry
Hutcheson, George Ian Dewart
Mudie, George Dempster

Second Grade Plane Geometry.

Dart, Ralph John
Nicholson, Hugh John Gay
Robin, Geoffrey deQuetteville
Smith, Raydon Berry
Tuck, Harry Playford
Hutcheson, George Ian Dewart
Kneebone, Christopher Stephen
Mudie, George Dempster
Sanders, Raymond Charles

Second Grade Solid Geometry.

Dart, Ralph John
Nicholson, Hugh John Gay
Robin, Geoffrey deQuetteville
Smith, Raydon Berry
Hutcheson, George Ian Dewart
Mudie, George Dempster
Sanders, Raymond Charles

Drawing II. (32).

Division I.

Somerville, Hugh Norman

Division II.

Goodman, Cyril William | Yates, Donald

Division III.

Berriman, Robert Harrold | Snow, Wilfrid Rippon

Electrical Engineering II. (85).

Division II.

McDonald, Cyril George Hugh | Dart, Ralph John

Fitting and Turning I. (86).

Division II.

Hutcheson, George Ian Dewart
Kneebone, Christopher Stephen
Mudie, George Dempster
Nicholson, Hugh John Gay
Sanders, Raymond Charles

Division III.

Pellew, Clarence Everard
Robin, Geoffrey deQuetteville
Smith, Raydon Berry
Tuck, Harry Playford

Fitting and Turning II. (87).

Division I.

Somerville, Hugh Norman

Division II.

Berriman, Robert Harrold
Goodman, Cyril William

Division III.

White, Eric Barnard

Fitting and Turning III. (88).

None passed.

Hydraulics (89).

Division I.

(In order of merit).

Espie, Frank Fancett
Yates, Donald
} equal

Machine Design I. (90)

Division II.

Snow, Wilfrid Rippon

Machine Design II. (91).

Division III.

Dart, Ralph John
McDonald, Cyril George Hugh

Mechanical Engineering I. (93).

Division II.

Sanders, Raymond Charles

Division III.

Hutcheson, George Ian Dewart
Kneebone, Christopher Stephen
Mudie, George Dempster
Nicholson, Hugh John Gay
Robin, Geoffrey deQuetteville
Smith, Raydon Berry

Mechanical Engineering II. (94).

Division II.

Berriman, Robert Harrold
Espie, Frank Fancett
Goodman, Cyril William
Somerville, Hugh Norman
Yates, Donald

Division III.

White, Eric Barnard

Mechanical Engineering III. (95).

None passed.

Metallurgy I. (Theoretical) (97).

Division I.

Espie, Frank Fancett

Metallurgy III. (100).

Division I.

Snow, Wilfrid Rippon
Laughton, Reginald Alfred Lampiere

Division II.

Hylton, James Roy

Mining 1a. (101).

None passed.

Mining IIa. (102).

Division I.

Espie, Frank Fancett

Mining IIb. (Oredressing) (103a).

Division I.

Espie, Frank Fancett

Railway Engineering (105).

Division I.

(In order of merit).

Yates, Donald
Goodman, Cyril William

Division II.

Somerville, Hugh Norman

Division III.

(In alphabetical order).

Allen, Reginald Stanley
Berriman, Robert Harrold

Surveying and Levelling. Mining Course (106).

Division I.

Yates, Donald

Surveying and Levelling. Short Course (106).

Division I.

Berriman, Robert Harrold } equal
Goodman, Cyril William }

Division III.

Robertson, Frederick Arnold | White, Eric Barnard
Somerville, Hugh Norman |

EXAMINATION FOR THE DEGREE OF BACHELOR OF LAWS.

PASS LIST.

Property, Part I. (110).

(In order of merit).

SECOND CLASS.

Hicks, Francis Gibson | Povey, Edward

THIRD CLASS.

Delbridge, Sandford Rhodes | Alderman, Henry Graham
Kirkman, Kenneth Hainsworth | Badger, Magnus

Property II. (111).

SECOND CLASS.

McDonald, Ross

THIRD CLASS.

Kerr, Donald } equal | Davey, Robert Shannon
McGee, John } | Fisher, Guy
Hunt, William Robert } equal | Abbott, Charles Arthur Hillas
Sinclair, John Mitchell } | Lempriere, B.A.

Contracts (112).

SECOND CLASS.

Cleland, Thomas Erskine | Gifford, Alfred Silva Harril

THIRD CLASS.

Smith, Paul Teesdale | Clarke, Laurence Eric
Skewes, Edward Foster | Michell, George Wilfrid
Landvogt, Joseph Ignatius | Cruickshank, Errol

Wrongs (113).

FIRST CLASS.

Yuill, George Ashwin

SECOND CLASS.

Piper, Harold Bayard
Moulden, Arnold Meredith

Ross, Dudley Bruce
Davenport, Arthur Vernon

THIRD CLASS.

Waterhouse, Louis David
Hunt, William Robert

Healy, Kevin John } equal
Varley, William }
Genders, Eustace Alexander

Evidence and Procedure (114).

FIRST CLASS.

Reed, Geoffrey Sandford
Yuill, George Ashwin

Healy, Kevin John
Griffiths, Thomas Lester

SECOND CLASS.

None.

THIRD CLASS.

Sinclair, John Mitchell
Blackburn, Arthur Seaforth

Goldsworthy, Spencer Gordon
Moody, Harold Eric

Constitutional Law (115).

FIRST CLASS.

Hicks, Francis Gibson

THIRD CLASS.

Davenport, Arthur Vernon
Delbridge, Sandford Rhodes
Badger, Magnus } equal
Varley, William }
Kitson, Mary Cecil

Kirkman, Kenneth Hainsworth
Peirce, Herbert
Goldsworthy, Spencer Gordon
Thornton, Walter Archibald

Roman Law (116).

FIRST CLASS.

*Griffiths, Thomas Lester

Piper, Harold Bayard

SECOND CLASS.

Ross, Dudley, Bruce
Reed, Geoffrey Sandford
Badger, Robert
Blackburn, Arthur Seaforth } equal
Joyner, Max Frederick
Moody, Harold Eric

THIRD CLASS.

Abbott, Charles Arthur
Hillas Lempriere, B.A. } equal
Kerr, Donald
Millhouse, Eric William John

Moulden, Arnold Meredith
Fisher, Guy
Waterhouse, Louis David
McDonald, Ross
Marshall, George Steel

*Recommended for the David Murray Scholarship in Roman Law.

Theory of Law and Legislation (117).

FIRST CLASS.

*Moody, Harold Eric
Griffiths, Thomas Lester } equal
Piper, Harold Bayard }

SECOND CLASS.

Moulden, Arnold Meredith
Waterhouse, Louis David
Reed, Geoffrey Sandford

THIRD CLASS.

Marshall, George Steel } equal
Blackburn, Arthur Seaforth } equal
Badger, Robert } equal
Joyner, Max Frederick } equal
Ross, Dudley Bruce } equal
Sinclair, John Mitchell }
McDonald, Ross
Abbott, Charles Arthur Hillas Lempriere, B.A. } equal
Millhouse, Eric William John } equal
Kerr, Donald

*Recommended for the David Murray Scholarship in Theory of Law and Legislation

Greek (1.)

FIRST YEAR.

Division II.

Skewes, Edward Foster

Latin (2).

FIRST YEAR.

(In order of merit).

Division II.

Skewes, Edward Foster
Landvogt, Joseph Ignatius

Division III.

Clarke, Lawrence Eric
McDonald, Ross
Cleland, Thomas Erskine
Joyner, Max Frederick
Davey, Robert Shannon

English Language and Literature (8).

Division II.

Kitson, Mary Cecil

History of the United Kingdom (12).

Division I.

Davenport, Arthur Vernon

Division III.

McDonald, Ross

German (10).

FIRST YEAR.

Division II.

Bogner, Ernst Wilhelm Georg

Psychology (21).

Division III.

Mellor, Thomas Reginald

Logic (22).

Division III.

Davey, Robert Shannon

STOW PRIZES.

(Recommended for Stow Prizes).

Griffiths, Thomas Lester
Piper, Harold Bayard
Yuill, George Ashwin

ORDINARY EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

PASS LIST.

FIRST YEAR.

(New Regulations).

(In order of merit).

FIRST CLASS.

*Grant, Richard Longford Thorold
Gillen, John Besley
Lendon, Guy Austin, equal
O'Neill, Sydney, equal
Bean, Alan Reid
Beare, Frank Howard
Kendrew, George Harry
Symons, Eric Lindsey
Broadbent, Eric Elihu

Passed in Anatomy and Physiology, thus completing the First Year.

Webb, John Newton

*Recommended for the Elder Prize.

*Grant, Richard Longford Thorold

SECOND YEAR.

(New Regulations).

FIRST CLASS.

*Morey, Alan Wilson, equal
*Plotz, Oscar Arnold, equal

SECOND CLASS

Black, Geoffrey Howard

THIRD CLASS.

None.

Completed the Second Year but not classified :—

Cairns, Hugh William Bell
Gault, Arthur Kyle
Southwood, Albert Ray

Passed in Anatomy and Physiology thus completing the Second Year.

Boynton, Frank Audley Henry

SECOND YEAR.

(Old Regulations).

THIRD CLASS.

Burden, Clive Britten

*Recommended for the Elder Prize—

Morey, Alan Wilson } equal
Plotz, Oscar Arnold }

THIRD YEAR.

(New Regulations).

(In order of merit).

FIRST CLASS.

*Rice Patrick William

SECOND CLASS.

Jose, Ivan Bede
Love, John Alexander
Barlow, Douglas Lewis
Abbott, Nigel Basil Gresley

THIRD CLASS.

Guymer, Arthur Howes
Phillips, William James Ellery
Ashby, Ivan Edwin

*Recommended for the Dr. Davies Thomas Scholarship.

Rice, Patrick William

THIRD YEAR.

(Old Regulations).

SECOND CLASS.

(In alphabetical order).

Shipway, Graham Stuart
Sweeney, James Gladstone
Wien-Smith, Geoffrey
Wyllie, Hugh Alexander

FOURTH YEAR.

(Old Regulations).

(In order of merit).

FIRST CLASS.

*Haste, Reginald Arthur, B.Sc.
*Turner, Charles Trevor } equal

SECOND CLASS.

Wall, Frederick Lawrence
Hayward, Lancelot Alfred | Wibberley, Brian William B.Sc.

THIRD CLASS.

Gardner, John Forrest
Cockburn, Patrick
Beard, Jack Roland Stanley Grose
Steele, Kenneth Nugent

*Recommended for the Dr. Davies Thomas Scholarship.

Haste, Reginald Arthur, B.Sc.
Turner, Charles Trevor } equal

FIFTH YEAR.

(Old Regulations).

(In order of merit).

FIRST CLASS.

*Verco, Joseph Stanley | LeMessurier, Frederick Neill

SECOND CLASS.

Mayo, John Christian
Close, Walter John Wescott | Powell, Harold
Holder, Sydney Ernest } equal

THIRD CLASS.

Davey, Laurence Llewellyn } equal
Penny, Harold John } equal
Nott, Harry Carew
Lucas, Reginald Blockley

*Recommended for the Everard Scholarship.

Verco, Joseph Stanley

ORDINARY EXMAINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

PASS LIST.

(In alphabetical order).

FIRST YEAR.

FIRST CLASS.

Arlom, Wilfred | Patrick, Elsie Furneaux

SECOND YEAR.

SECOND CLASS.

Cole, Louie Chapman

THIRD CLASS.

Atwell, Ada Ethel
Baird, Estelle
Butson, Ernest Edward

THIRD YEAR.

None passed.

FINAL EXAMINATION FOR THE DEGREE OF MUS. BAC.

Exercise presented under Regulation IX. of the Mus. Bac. Degree approved:

Leckie, Alexander Joseph

DIPLOMA OF ASSOCIATE IN MUSIC.

PASS LIST.

FIRST YEAR.

	PRINCIPAL SUBJECT,
Andrew, Una Lois	Singing
Attiwill, Edna Marie	Singing
Ayliffe, Evelyn Hamilton	Singing
Baker, Dorothy	Singing
Bromley, Flora Sylvia	Singing
Clausen, Marguerita	Singing
Collins, Ella Mary	Singing
Fischer, Jack	Singing
Gare, Stanley Philip	Singing
Holthouse, Rose Marie	Singing
Howard, Winifred Jean	Singing
Ingham, Myrtle Lavinia	Singing
Irvine, Alice Bond d'Arcy	Pianoforte
James, Vida Margretta	Singing
Killicoat, Harry Ormonde	Violin
Leech, Doris Lillian	Singing
Levasseur, Kate	Singing
Martin, Thelma Dorothy	Singing
Mewkill, Paula Mary	Violin
Pearse, Annie Elizabeth Simpson	Singing
Shannon, Adelaide Mary	Singing
Shannon, Rita Mildred	Singing

Simcock, Hilda May	Singing
Smith, Grace Daisy	Singing
Stevens, John Georgina	Violin
Thrush, Annie Vera	Singing
Wall, Myrtle Trilby	Pianoforte

SECOND YEAR.

Bampton, Alfred John	Organ
Chaplin, Erica, Rita Ina	Violin
Hay, Floris Clare	Pianoforte
Irvine, Alice Bond d'Arcy	Pianoforte
Joyce, Hilda Burton	Pianoforte
Oldham, Dorothy	Pianoforte
Stokes, Toressa Eveline	Pianoforte
Vardon, Daisy	Singing

THIRD YEAR.

Cilento, Gladys Muriel West	Singing
Day, Florence Muriel	Singing
Evans, Bert	Composition
Irvine, Alice Bond d'Arcy	Pianoforte

EXAMINATION FOR THE DIPLOMA IN COMMERCE.

PASS LIST.

Business Practice.

Division I.

Davies, Clive Runnalls
Hendry, Campbell Alexander
Turner, Archibald Donald

Division II.

Bishop, William Poole
Brown, Leonard Sawtell
Davies, Ellis Edward
Hogben, Horace Cox
Howie, George Percival
Lord, James Herbert
Medlyn, Edwin Leslie
Mills, Edward Whitfield
Moyes, Cecil Clarence
Moyle, John Ewart
Solly, Hubert Ambrose
Thew, John Ridley
Witt, Arthur Howard
Wyles, Thomas Andrew

Division III.

Anthony, Guy Liddon
Appleby, William Frederick
Battye, Ross
Cant, Leonard George
Caust, Leslie George William
Goode, Roger Britten
James, Charles Kingsley
Mitchell, Bruce
Roeger, Rudolph Victor Edelbert
Tassie, Eric Harry
West, Wilfred Arnold
Wilson, Andrew Caldwell

Commercial Law.

Division I.

Moyes, Cecil Clarence

Division II.

Appleby, William Frederick
Brown, Robert Eric Bruce
Caust, Leslie George William
Medlyn, Edwin Leslie
Moyes, Charles Robert
Moyle, John Ewart
Thew, John Ridley
Vaughan, Lawrence
West, Wilfred Arnold
Wilkinson, Cyril Quinton

Division III.

Battye, Ross
Cant, Leonard George
Davies, Ellis Edward
Hains, Charles Ralph Alexander
Harris, Frank Reginald
Hendry, Campbell Alexander
Hughes, Leonard Headland
James, Charles Kingsley
Loan, William Clarence
Lord, James Herbert
Mitchell, Bruce
Paton, Walter David Chalmers
Pritchard, Harold Christopher
Roeger, Rudolph Victor Edelbert
Williams, Eric Spencer
Wilson, Andrew Caldwell
Wilson, Thomas Stewart

Accountancy.

(In alphabetical order).

Division I.

Aldersey, Wilfred Egerton
Bathgate, John Pender
Biggs, James Marshall
Featherstone, Leslie Williams
Ponder, Gilbert Walter Graham
Russack, Frederick William
Turner, Percy

Division II.

Calder, William Cormack
Mills, Edward Whitfield
Parr, Harry Sidney

Division III.

Anthony, Guy Liddon
Bridgman, William
Henderson, Henry Beecher
Roeger, Rudolph Victor Edelbert
Witt, Arthur Howard

Economics I.

Division II.

Goode, Roger Britten
Mills, Edward Whitfield
Olifent, Edwin Bruce
Wilkinson, Cyril Quinton
Winter, Claude Howard Stanley

Division III.

Anthony, Guy Liddon
Bathgate, John Pender
Creswell, John
Foxworthy, John Henry
Ponder, Gilbert Walter Graham
Preece, Edgar James
Tassie, Eric Harry
Williams, John Carter

LETTERS PATENT.

Dated 22nd March, 1881.

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

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

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

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

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

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

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

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

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

By Warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

FOR RECOGNISING DEGREES IN SURGERY AND ENGINEERING.

Dated 2nd September, 1913.

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

Whereas Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight Com-

mander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University

And whereas under and by virtue of the provisions of an Act of the Legislature of South Australia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

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

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

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

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

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

By Warrant under the King's Sign Manual

ACT OF INCORPORATION.

The Adelaide University Act.

No. 20 OF 1874.

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."

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*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 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 profes-

*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.

sorships being English Language and Literature, and Mental and Moral Philosophy: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested upon South Australian Government Bonds, Debentures or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid: In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

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

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

By an Indenture, which bears date the 6th day of November, 1874, the Honourable Thomas Elder covenanted to pay Twenty Thousand Pounds, and the trust clause in that deed provides:—"And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied as a fund for 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 1 hereof, and those Acts and this Act shall be read as one Act.

Five additional members of the Council to be appointed by Parliament.

3. In addition to the members of the Council of the University elected as provided by the principal Act, there shall be five members of the said Council who shall be appointed from time to time by the Parliament of the said State; and from the time of the appointment of the first five members under this Act, the membership of the said Council shall be increased accordingly.

How the additional members to be appointed.

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

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

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

Time of appointment and tenure of office.

5. (1) As soon as practicable after the passing of this Act the first five members shall be appointed under this Act, and at the beginning of each Parliament after the present Parliament five members shall be appointed in manner aforesaid.

(2) Upon the notification, in manner mentioned in section 8 of this Act, of any such appointment by either House of Parliament, the members appointed by such House and then in office shall retire: Provided that any member appointed under this Act shall be eligible for reappointment from time to time.

Vacancy to occur if councillor ceases to be member of Parliament.

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

How vacancies filled.

7. When a vacancy in the office of a member appointed under this Act occurs through death, resignation, or otherwise, a member to fill the vacancy shall be appointed by the House of Parliament which appointed the member whose office has become vacant; and the member so appointed shall hold office for the remainder of the term of office of the person in whose place he is appointed.

President's or Speaker's notice of appointment to be conclusive evidence.

8. A notice in writing addressed to the Chancellor of the University, and signed by the President or Deputy President of the 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.

* Passed by Senate, 28th March, 1894.

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

65. If more than the required number of persons be nominated voting papers shall be distributed and every member present shall vote for the required number of candidates; but no member who has a direct pecuniary interest in the result of the election shall be allowed to vote.

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

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

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

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.

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