

CALENDAR

OF THE

UNIVERSITY OF ADELAIDE

FOR THE YEAR

1915.

ADELAIDE:

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

1915.

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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 1914.

P R E F A C E .

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

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

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.

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

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 761, and the number admitted *ad eundem gradum*, 316. The number of undergraduates in 1914 was 409, exclusive of 18 graduates in arts proceeding to the M.A. degree, and of non-graduating students, 293. The number of those studying at the Elder Conservatorium was 324. 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.

1915.

JANUARY XXXI.

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

FEBRUARY XXVIII.

1915.

1	M	Public Holiday. Anniversary Foundation of Australia. Medical Students begin work at Adelaide Hospital.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	Last day of entry for LL.B., Supplementary Degree, and Special Senior Public Examinations in March.
8	M	
9	Tu	
10	W	
11	Th	
12	F	
13	S	
14	S	Education Committee meet.
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	S	Finance Committee meet. Council Meeting.
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	S	<p style="text-align: center;">NOTE.</p> <p style="text-align: center;">School of Mines First Term begins 10th February.</p>

1915.

MARCH XXXI.

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

APRIL XXX.		1915.
1	TH	Last day of entry for Public Examinations in Theory and Practice of Music, to be held in May. Good Friday. Easter recess begins.
2	F	
3	S	
4	S	Easter Day. Easter Monday. Easter recess ends. Lectures resumed.
5	M	
6	TU	
7	W	
8	TH	
9	F	
10	S	
11	S	
12	M	
13	TU	
14	W	
15	TH	
16	F	
17	S	
18	S	Education Committee meet.
19	M	
20	TU	
21	W	
22	TH	
23	F	
24	S	
25	S	Finance Committee meet. Council Meeting.
26	M	
27	TU	
28	W	
29	TH	
30	F	

1915.

MAY XXXI.

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

JUNE XXX.

1915.

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

1915.

JULY XXXI.

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

AUGUST XXXI.

1915.

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

1915.		SEPTEMBER XXX.
1	W	
2	TH	
3	F	
4	S	
5	S	
6	M	
7	TU	
8	W	
9	TH	
10	F	
11	S	
12	S	
13	M	
14	TU	
15	W	
16	TH	
17	F	Education Committee meet.
18	S	Conservatorium Third Term ends.
19	S	
20	M	
21	TU	Public Examinations in Theory and Practice of Music begin.
22	W	
23	TH	Finance Committee meet.
24	F	Council Meeting.
25	S	
26	S	
27	M	
28	TU	
29	W	
30	TH	Last day for sending in compositions for the Mus. Bac. degree and thesis for the M.A. Honours degree.

OCTOBER XXXI.

1915.

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

1915.

NOVEMBER XXX.

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

DECEMBER XXXI.

1915.

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

The University of Adelaide.

1915

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, C.M.G., B.A., LL.D. Elected, for the first time, September 26th, 1896; re-elected, for the sixth time, November 27th, 1914.

The Council.

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

THE VICE-CHANCELLOR. A member since 1882. Date of last election, 25th November, 1914.

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

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

PROFESSOR JOHN MATTHEW ENNIS, M.S. DOC. A member since 1903. Date of last election, 25th November, 1914.

JAMES RICHARD FOWLER, M.A. A member since 1901. Date of last election, 27th November, 1912.

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

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

WILLIAM THORNBOROUGH HAYWARD, LL.D., 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, 25th November, 1913.

REV. JAMES JEFFERIS, LL.D. A member since 1885. Date of last election, 25th November, 1914.

HELEN MARY MAYO, M.B., B.S. Elected 22nd July, 1914.

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

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. A member since 1896. Date of last election, 25th November, 1914.

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, 25th November, 1914.

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. RUDALJA, 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, C.M.G., B.A., B.Sc. Elected for the first time, 1883; date of last election, 25th November, 1914.

CLERK—THOMAS AINSLIE CATERER, B.A., Elected for the first time, 1888; date of last election 25th November, 1914.

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 1915.

Education Committee.

THE CHANCELLOR, CHAIRMAN.

THE VICE-CHANCELLOR (Deputy Chairman)	MISS H. M. MAYO
MR. F. CHAPPLE	MR. W. ANGUS
REV. CANON GIRDLESTONE	MR. S. TALBOT SMITH
REV. D. JEFFERIS	MR. M. M. MAUGHAN
MR. JUSTICE MURRAY	MR. J. R. FOWLER
MR. S. B. RUDALL	THE PROFESSORS OF THE UNI- VERSITY.

Finance Committee.

MR. G. BROOKMAN, CHAIRMAN.

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

Library Committee.

PROFESSOR STIRLING, CHAIRMAN.

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

Joint Board.

UNIVERSITY AND SCHOOL OF MINES AND INDUSTRIES.

THE CHANCELLOR (Chairman).

THE PRESIDENT SCHOOL OF MINES AND INDUSTRIES, SIR LANG- DON BONYTHON (Vice-Chairman)	HON. L. O'LOUGHLIN
HON. J. H. HOWE	PROFESSOR CHAPMAN
HON. D. M. CHARLESTON	PROFESSOR KERR GRANT
	PROFESSOR RENNIE

Extension Lectures Committee.

PROFESSOR NAYLOR, CHAIRMAN.

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

Faculty of Law.

PROFESSOR BROWN, DEAN.

Members *ex officio*—

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

Appointed by Council—

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

Faculty of Medicine.

PROFESSOR STIRLING, DEAN.

Members *ex officio*—

THE CHANCELLOR
 THE VICE-CHANCELLOR
 PROFESSOR WATSON
 PROFESSOR RENNIE
 PROFESSOR KERR GRANT
 DR. VERCO
 DR. POULTON
 DR. LENDON
 DR. W. T. HAYWARD
 DR. BORTHWICK
 DR. SWIFT
 DR. de CRESPIGNY

DR. ROGERS
 DR. W. T. COOKE
 MR. W. R. CAVENAGH · MAIN-
 WABING
 MR. J. A. G. HAMILTON
 MR. G. A. FISCHER
 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

MISS H. M. MAYO

Faculty of Arts.

PROFESSOR NAYLOR, 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 ECONOM-
 ICS AND MENTAL AND
 MORAL SCIENCE
 THE PROFESSOR OF MATHE-
 MATICS
 THE DEAN OF THE FACULTY
 OF SCIENCE
 PROFESSOR KERR GRANT

Appointed by Council—

MR. F. CHAPPLE
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1908	Bequest—David Murray, Esq.	2,000	For Scholarships
1908	R. Barr Smith, Esq. ..	150	For Prizes for Greek
1908	Private Subscriptions ..	115	To provide Prizes in Latin in memory of the late Andrew Scott, B.A.
1912	Mrs. John Bagot ..	500	To provide for a John Bagot Botany Scholarship and Medal, in memory of the late John Bagot.
1912	Miss E. M. Bunday, Mus. Bac.	200	In memory of Sir Henry and Lady Bunday. To provide an annual prize for English verse.
1913	Creswell Memorial Committee ...	1,300	To provide Scholarship in the Commercial Course, in memory of the late John Creswell.
1914	Public Schools Decoration and Floral Societies	255	In memory of the late Alexander Clark. To provide a prize to enable students to enter the Elder Conservatorium.
1914	Anonymous Donor ...	100	To provide a "Lister" prize for award biennially for original thesis, open to competition by graduates in Medicine.
1914	Peter Waite, Esq. ..	Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, subject to life interests of Mr. and Mrs. Peter Waite.	To advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.

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
1903-14	John Shiels, Esq ...	5 5 0	Ditto
1905-14	Pharmaceutical Society of South Australia ..	73 10 0	General purposes
1911	Anonymous Donor ..	500 0 0	For the Lowrie Scholarship in Agri- culture
1913-14	G. Brookman, Esq. ..	20 0 0 p. a.	For a Scholarship in the Elder Con- servatorium.

PAST AND PRESENT GRADUATES.

A.

<i>Name.</i>	<i>Date.</i>	<i>University.</i>	<i>Degree.</i>
HIS MAJESTY KING GEORGE V. LL.D., Cambridge (1894)	1901,	D.C.L., Oxford;	LL.D.
ABBOTT, Charles Arthur Hillas Lem- priere	{ 1911 1914		B.A. LL.B.
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, Eleanor Alice	1914		B.A.
ALLEN, Sir Harry Brookes		Edinburgh (1912)	LL.D.
* 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, surren- dered for B.E., 1913	B.E.
* ANGWIN, Thomas Britton	1910	Melbourne (1880)	M.A.
ANGWIN, William Britton	1909		B.Sc.
ANNELLS, William Charles	1899		M.A.
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.

† BADGER, Robert	1914		LL.B.
BAGOT, Edward Mead	1911		B.A.
BAGSTER, Lancelot Salisbury	1908		B.Sc.
† BAKER, Arthur James Kendal	1914		B.A.
† BAKER, Ralph Alderton	1912		M.B., B.S.

* Deceased.

† Not yet Members of Senate.

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.
BARNES, Joseph Thomas	..	1908		B. A.
BARRY, Alfred	.. ..	1889	Oxford	LL. D.
† BARTHOLOMAEUS, Edmund Stanley		1914		B. A.
BARTLETT, William John	..	1914		M. A.
BARTON, Felix Kingston	..	1911		B. A.
BARWELL, Henry Newman	..	1899		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.
† BEARD, Jack Roland Stanley Grose		1914		M. B., B. S.
BEARE, Edwin Arthur	..	1892		LL. B.
BEARE, Thomas Hudson	.. ..	{ 1887 1914	London (1889)	B. A. B. Sc.
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.
BENSLEY, 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.
† BLACKBURN, John Stewart	..	1914		B. A.
BLACKNEY, Samuel	.. ..	1891	Toronto ('891) ..	M. B.
† BLAIR, Euphemia Theodosia	..	1914		B. A.
* BLOXAM, Charles a'Court	..	1891		LL. B.
BOAS, Isaac Herbert	.. ..	1899		B. Sc.

* Deceased.

† Not yet Members of Senate.

BOER, Adolf Oswald	1911		M.B.
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.
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, Marnion 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	1914	B.Sc., 1911, surrendered for B.E., 1914	B.E.
BROWN, Ernest William	1914	Cambridge (1897)	D.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 Powell	1895	Cambridge (1859)	M.A.
BYARD, Douglas John	1889	Oxford (1882)	B.A.

* Deceased.

† Not yet Members of Senate.

		C.		
* CAMPBELL, Allan James	..	1899		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.
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.Sj
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, Phoebe	..	{ 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	..	1906		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.
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., 1912	B.E.

* Deceased.

CLELAND, William Lennox	..	1880	Edinburgh (1876)	M.B.
† CLOSE, Walter John Westcott	...	1913		M.B., B.S.
CLUCAS, Robert John Miller	..	1908		B.A.
COCKBURN, Sir John Alexander	..	1877	London (1874)	M.D.
† COCKBURN, Patrick	.. ..	1914		M.B., B.S.
COGHILL, Donald Murray Robertson	..	1906	Melbourne (1882)	M.A.
† COLE, Cyril Richard	.. ..	1914		B.Sc.
COLEBATCH, Walter John	..	1906	Edinburgh (1903)	B.Sc.
COLEMAN, Arthur Philemon	..	1914	Victoria University Canada (1880)	M.A.
† COLES, Mignonette	.. ..	1912		B.A.
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		M.A., B.Sc.
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, surren- dered 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.
COWPERTHWAITTE, 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.

† Not yet Members of Senate.

	DARWIN, Lisle Julius	1910		M. A.
*	DAVENPORT, Sir Samuel	1888	Cambridge (1886)	LL. D.
†	DAVEY, Laurance Llewellyn	1913		M. B., B. S.
	DAVID, Tannatt William Edgeworth	1914	Oxford (1912) ..	D. Sc.
	DAVIDSON, George	1898	St. Andrews (1879)	M. A.
	DAVIDSON, Roy Laidlaw	1907		B. A.
	DAVIES Clive Runnalls	1909		B. A.
	DAVIES, Edward Harold	1902		Mus. Doc.
†	DAVIES, William Laurence	1914		B. A.
	DAVIS, Angelita Pintorecilla	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	1913		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 (<i>née</i> 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.
	DOWNNEY, Michael Henry	1909	Melbourne (1904)	M. B., B. S.
	DREW, Charles Francis	1911		M. B., B. S.
	DREW, William Alfred Vernon	1908		M. B., B. S.
	DRISCOLL, Hilda Marion	1908		B. A.
	DUFFIELD, Walter Geoffrey	{ 1900 1908	Manchester (1908)	B. Sc. D. Sc.
	DUMAS, Russell John	1913	B. Sc., 1909, surren- dered for B. E., 1913	B. E.
*	DUNCAN, Handasyde	{ 1877	Glasgow (1831) ..	M. D.

* Deceased.

† Not yet Members of Senate.

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 Cestna Franziska	1906		B.A.
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, surren- dered for B.E., 1913	B.E. M.A.
ENGLEHART, August Friedrich Gottfried	1877	Giessen (1870) ..	M.D.
ENNIS, John Matthew	1902	London (1894) ..	Mus. Doc.
ERICHCEN, 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, surren- dered 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.

* Deceased.

† Not yet Members of Senate.

† FLOREY, Hilda Josephine ..	1912		M.B., B.S.
FORNACHON, Paul Charles Albert	{ 1910		B.Sc.
	1912		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		B.Sc.
	1908		M.B., B.S.

G.

GARDINER, Beauchamp Lennox ..	1902		B.Sc.
GARDNER, Edith Josephine ...	1906		B.A.
GARDNER, George Gavin Forrest	1906		Mus. Bac.
† GARDNER, John Forrest	1914		M.B., B.S.
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.
† GAULT, Estelle Ruth	1914		B.Sc.
† GEORGE, Mildred May	1914		M.B., B.S.
GETHING, Robert	1877	Edinburgh (1847) ..	M.D.
GIBBES Alexander Edward	1892		M.B., B.S.
GILBERT, Joseph	1907		B.Sc.
GILES, Eustace	1889		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 Austey	1886	Edinburgh (1882) ..	M.B.
GILL, Alfred	{ 1882		B.A.
	1885		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.
GODFREY, Kirke Charles	1914		M.B., B.S.
GOLDSMITH, Frederick	1889		M.B., B.S.

* Deceased.

† Not yet Members of Senate.

GOODE, Arthur	1894		M.B., B.S.
GOOD, Emily Milvain	1904		B.A.
† GOODE, Kenneth Burden	1914		B.E.
GOODE, Muriel Gertrude	1911		Mus. Bac.
GOODE, Reginald Alfred	1910		M.B., B.S.
GOODE, Samuel Walter	1898		B.A.
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 (1876) ..	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.
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.
GROSSEB, 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.
† GUYMER, Ernest Albert	1914		M.B. B.S.

H.

HACKETT, James Thompson	1882	Melbourne (1879) ..	B.A.
HAINS, Ivan Coronel	1911		M.B., B.S.
HALCOMB, Frederick	1877	Oxford (1859) ..	B.A.
HALES, Lizzie Ann	1908		B.A.
HALL, Alfred Daniel	1914	Oxford ()	M.A.
HALL, Charles Fishbourne	1905		B.A.
HALL, Anthony James Alexander	1888		LL.B.
HALL, 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.

* Deceased.

† Not yet Members of Senate.

HANCOCK, George Alfred ..	1909		M.A.
HANNAN, Albert James ..	{ 1914 1912		M.A. LL.B.
* HARDING, Thomas Williamson ..	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton ..	1898		LL.B.
† HARDY, Mabel Phyllis ..	1914		B.A.
† HARDY, Tom Mayfield ..	1913		B.Sc.
HARGRAVE, Nathaniel John ..	1905		I.J.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 (1868) ..	B.A.
HARVEY, Gilbert Aberdein ..	1911		M.B., B.S.
HASLAM, Joseph Auburn ..	1892		B.Sc.
HASLAM, Lælie Horrocks ..	1908		LL.B.
HASTE, Reginald Arthur ..	{ 1911 1914		B.Sc. M.B., B.S.
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, Lancelot Alfred ..	1914		M.B., BS.
HAYWARD, Lionel Wykeham ..	1903		M.B., B.S.
HAYWARD, William Thornborough ..	1914	Aberdeen (1914) ..	LL.D.
HEADLAM, Morley Lewis Canfield ..	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.
HEUZENRÆDER, William Eberhard ..	1891		LL.B.
HEWITSON, Thomas ..	1884		LL.B.
† HEYNE, Laura Olga Hedwig ..	1913		B.A.

* Deceased.

† Not yet Members of Senate.

† HILL, Albert Charles	1914		B.A.
HILL, Hilda Mary	1908		B.A.
HILTON, Arthur Robert	1909		B.A.
HOCOTR, 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 (<i>née</i> Fowler), Laura Margaret	1891		M.B.
HOPKINS, Alfred Nicholas	1888		B.A.
* HOPKINS, William Fleming	1884		B.A.
HORN, Edward Palmer	1889		LL.B.
HORNABROOK, Rupert Walter	1896		M.B., B.S.
HOSKING, Herbert Clifton	1908		B.A.
HOURIGAN, Richard Edward	1893		LL.B.
† HOWARD, Arthur Ewing	1912		B.A.
HOWCHIN, Stella	1893		B.Sc.
HOWE, George William Osborn	1914	Durham (1914)	D.Sc.
HOWELL, Edward Tucker	1877	Oxford (1860) ..	M.A.
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.
† HURLEY, Leonard Joseph Bernard	1914		B.A.
* HUSSEY, John	1901	Oxford (1889) ..	M.A.
HYNES, Timothy Augustin	1889	Edinburgh (1888) ..	M.B.

I.

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.

* Deceased.

† Not yet Members of Senate.

IRWIN, Henry Offley	1893		M.B., B.S.
ISBISTER, James Linklater Thomson	{ 1891		B.Sc.
	{ 1896		M.B., B.S.
ISBISTER, William James	1887		L.L.B.
IVRS, Joshua	1885	Cambridge (1884) ..	Mus. Bac.

J.

JACK, Fannie Augusta	1913	Sydney (1893)	B.A.
JACK, Robert Lockhart	1913	Sydney (1899)	B.E.
JACOMB-HOOD, Robert Gordon ..	1905	Cambridge (1892) ..	M.A.
JACKSON, Sarah Elizabeth	1914		M.A.
JAUNCEY, George Eric Macdonnell	1909		B.Sc.
JAY, Hubert Melville	1908		M.B., B.S.
JEFFRIES, Lewis Wibmer	1907		M.B., B.S.
JEFFRIES, Lionel Harry	1908		B.A.
JEFFRIES, Shirley Williams	1909		L.L.B.
JEFFERIS, Arthur Tarlton	1908		B.Sc.
JEFFERIS, James	{ 1877	London (1856) ..	L.L.B.
	{ 1895	Sydney (1885) ..	L.L.D.
*JERVIS-SMITH, Frederick John ..	1898	Oxford (1872) ..	M.A.
JESSOP, Charles Lewis	1906		L.L.B.
JOHNSON, Edward Angus	{ 1897	Melbourne (1897) ..	M.B., Ch.B.
	{ 1901	Göttingen (1899) ..	M.D.
JOHNSON, William Herbert	1911		B.A.
JOHNSTONE, Percy Emerson	{ 1894		B.A.
	{ 1898		L.L.B.
JOLLY, Norman William	1901		B.Sc.
JONA, Jacob	1908		B.Sc.
JONA, Judah Leon	1910		D.Sc.
JONES, Albert Edward	1888		L.L.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		L.L.B.
JUDE, Gertrude Josephine	1901		B.Sc.
JUDEL, Maurice Wolff	1903		B.Sc.
JUNGERSON, Hector Frederik Estrup	1914	Cambridge, Mass. (1909) ..	D.Sc.
JURITZ, Charles Frederick	1914	Cape of Good Hope (1907)	D.Sc.

K.

KAHAN, Raoul Robellaz	1911		B.Sc.
KEARNEY, Alan Wells	1889	Cambridge (1877) ..	M.A.
* KELLY, Alexander Charles	1977	Edinburgh (1832) ..	M.D.

* Deceased.

† Not yet Members of Senate.

* KELLY, David Frederick	1879	Cambridge (1878) ..	M.A.
KELLY, Francis	1906		LL.B.
* KELLY, Franziska (<i>née</i> Püttmann), Helena Marie	1898		Mus. Bac
KENNION George Wyndham ..	1883	Oxford (1871) ..	M.A.
KERR, Donald Alexander	1883		B.A.
† KERR, Donald	1914		LL.B.
KINGSMILL, Walter	1883		B.A.
* KINGSTON, The Right Hon. Charles Cameron	1898	D.C.L., Oxford (1897)	LL.D.
KINTORE, The Earl of	1889	Cambridge (1877) ..	M.A.
	1889	Aberdeen (1889) ..	LL.D.
KIRBY, Mary Maude	1890		B.Sc.
KLEEMAN, Richard Daniel	1908		D.Sc.
KNEEBONE, John LeMessurier ..	1911		M.B., B.S.
KNIGHT, Percy Norwood	1888		B.A.
KNOWLES, Francis Edward	1888		LL.B.
KOLLOSCH, John	1901		M.A.
KUCHEL, Carl Wilhelm August ..	1912		M.A.

I.

LABATT, Edward	1877	Dublin (1870) ..	B.A.
LAYBOURNE-SMITH, Louis	1914	B.Sc., 1901, surren- dered for B.E., 1914	B.E.
* LABATT, George Augustus	1877	Dublin (1839) ..	B.A.
LAMB, Horace	1877	Cambridge (1875) ..	M.A.
LANE, Annie	1904		M.A.
LANG, Sydney Chapman	1896		B.A.
LANG, William Hollard	1908		B.Sc.
LANGDON, Reginald Yorke	1903		B.Sc.
LANGMAN, Mary Lillecrapp	1906		B.A.
LATTY, Claude Percival	1905		LL.B.
† 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 Niell ..	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.

* Deceased.

† Not yet Members of Senate.

LILLYWHITE, Cuthbert	1890		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.
LODGE Sir Oliver Joseph	1914	London (1877) ..	D.Sc.
LOWRIE, William	1883	Edinburgh (1883) ..	M.A.
LUCAS, Sir Charles Prestwood ..	1914	Oxford (1884) ..	B.A.
† LUCAS, Reginald Blockley	1913		M.B., B.S.
LUSHEY (née 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 (1892)	M.A.
McEWIN, Keith	1912		M.B., B.S.
McGLASHAN, John Eric	1909		M.B., B.S.
MACK, Hans Hamilton	1880		B.A.
† MCKAIL, Ronald George	1914		B.Sc.
* MACKENZIE, John George Kenneth	1894	Oxford (1888) ..	M.A.
* MACKINTOSH, James Sutherland	1878	Edinburgh (1838) ..	M.D.
MACLENNAN, James Sydney Kil- coy	1906		LL.B.
MCNAMARA, Louis Warnecke	1913	B.Sc., 1909, surren- dered for B.E., 1913	B.E.
MACULLY, Alexander	1901	Melbourne (1837) ..	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.

* Deceased.

† Not yet Members of Senate.

	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.
†	MARTIN, William Thomas	1914		B.A.
	MASSON, David Orme	1914	Edinburgh	D.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.
†	MILLS, John Brier	1914		LL.B.
	MILNE, William Somerville	1890	Oxford (1886) ..	M.A.
	MINCHIN, Edward James	1894	Dublin (1879) ..	B.A.
	MITCHELL, James Thomas	1885	Aberdeen (1855) ..	M.D.
	MITCHELL, Percival Harris	1906		B.A.
	MITCHELL, Samuel James	1890		LL.B.
	MITCHELL, William	1895	Edinburgh (1886) ..	M.A.
	MITTON, Ernest Gladstone	1899		B.Sc.
	MOFFAT, May Josephine	1911		M.B., B.S.
	MONCRIEFF, Josephine Hartley	1911		B.A.
	MONCRIEFF, Mary Kathleen	1910		B.A.
†	MOODY, Harold Eric	1913		LL.B.
	MOORE, Bertie Harcourt	1913	B.Sc., 1900, surren- dered for B.E., 1913	B.E.
*	MOORE, Elwin Canton	1882		B.A.

* Deceased.

† Not yet Members of Senate.

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 (1860) ..	B. A.
† MOTTERAM, Philip	1914		B. E.
† MOULDEN, Arnold Meredith ..	1914		LL.B.
MOULDEN, Owen Meredith	1910		M. B., B.S.
MOULE, Edward Ernst	1893		M. B., B.S.
MOYES, John Stoward	1907		M. A.
MOYES, Morton Henry	1910		B. Sc.
† MOYLE, Sidney	1914		B. A.
* MUECKE, Carl Wilhelm Ludwig ..	1877	Jena (1847)	M. A.
MUECKE, Francis Frederick	1902		M. B., B.S.
MURDEN, William	1910		B. A.
MURHEAD, John Robb	1908		M. B., B.S.
MURHEAD, Leonard Graeme	1911		M. B., B.S.
MURPHY, Evangeline	1907		B. A.
MURRAY, George John Robert ..	1883		B. A.

IN.

NADEBAUM, Rudolph Oertel	1907		B. A.
NAIRN, Alexander Livingstone ..	1902		B. A.
NANKIVELL, John Thomas	1877	Cambridge (1871) ..	B. A.
NAPIER, Alexander Disney Leith	1809	Aberdeen (1878) ..	M. D.
NAPIER, Thomas John Mellis ..	1902		LL.B.
NAYLOR, Henry Daruley	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		M. B., B.S.
	{ 1902		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.
NORMAN, William Ashley	1911		LL.B.
NORTHMORE, John Alfred	1887		LL.B.
† NOTT, Harry Carew	1913		M. B., B.S.

* Deceased.

† Not yet Members of Senate.

O.

* OAKELEY, Sir Herbert Stanley ..	1895	Oxford ..	Mus. Doc.
† O'DONOGHUE, Stephen Kevin ..	1912		B.A.
† OLDEAMI, Wilfrid ..	1914		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	B.A.
		{ 1900	LL.B.
PADMAN, Clara Helen ..	..	1904	B.A.
† PAGE, Albert Edward ..	..	1914	B.A.
PAINE, Herbert Kingsley ..	..	1904	LL.B.
* PALMER, Hamilton Charles ..	..	1877	London (1851) .. LL.B.
PARKHOUSE, Devon ..	..	1907	M.B., B.S.
PARKIN, George Robert ..	..	1903	McGill, Canada .. LL.D.
† PARSONS, Harold Stephen ..	..	1912	Mus. Bac.
PARSONS, Herbert Angus ..	..	1887	LL.B.
PATCHELL, Mary Emma ..	..	{ 1906	B.A.
		{ 1907	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.
† PAYNE, Louise Mary Gwythyr ..	..	1914	B.A.
PAYNTER, Ralph Horwood ..	..	1912	M.A.
PEARSON, Henry Ernest ..	..	{ 1904	B.Sc.
		{ 1913	B.A.
PELLEW, Leonard James ..	..	1906	M.B., B.S.
PENCK, Albrecht ..	..	1914	Oxford (1907) D.S.C.
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.
† PIPER, Harold Bayard ..	..	1914	LL.B.
PITCHER, Cyril Frederick ..	..	1911	M.B., B.S.
PITE, Arthur William ..	..	1906	B.A.
PLUMMER Rex Garnet ..	..	1906	M.B., B.S.
PLUMMER, Violet May ..	..	{ 1893	B.Sc.
		{ 1897	Melbourne (1847) .. 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 (1876) ..	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, surren- dered 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.
† PRICE, Walter John	1914		B.A.
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, Maud Mary	1905		Mus. Bac.
PULLEINE, Robert Henry	1913	Sydney (1898)	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 1914	Oxford (1909) ..	M.B., B.S. B.Sc.
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.
† REID, Frederick William	1914		B.Sc.
REIMANN, Valesca Leonore Olive	1914		M.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, surren- dered for B.E., 1913	B.E.
† RENNIE, Henry Charles Cadell	1912		M.B., B.S.
† RICHARDS, Eva Gertrude	1914		B.A.
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 (<i>vide</i> Jelley), Jeannie	1908		Mus. Bac.
RILEY, Mabel	1908		B.A.
RISCHBLETH, Oswald Henry Theodore	1909		B.A.

* Deceased.

† Not yet Members of Senate.

ROBERTSON, Joseph	1894	Sydney (1877) ..	M. A.
ROBERTSON, Lionel Joseph ..	1896		B. A.
ROBERTSON, Thorburn Brailsford	1908		D.Sc.
ROBERTSON, William	1905	Melbourne (1882) ..	M. B.
† 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.Sc.
† ROSS, Dudley Bruce	1914		LL. B.
ROSSITER, James Leonard	1912		M. A.
† ROWE, Edgar Percival	1914		B. 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.

* Deceased.

† Not yet Members of Senate.

SEWELL, Frank	1899		B. A.
SHANAHAN, Patrick Francis	1893		M. B., B.S.
† SHARMAN, Florence Mary	1914		B. A.
SHARP, Cecil James	1882	Cambridge (1882) ..	B. A.
SHARP, William Hey	1877	Oxford (1871) ..	M. A.
SHAW, James Barry	1904		B.Sc.
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, Grafton Elliott	1914	Sydney (1895)	M. D.
SMITH, Harold Whitmore	1913	B.Sc., 1906, surron- ded 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, Walter Leonard	1914		M. B., B.S.
SMITH, William Ramsay	{ 1903 1904 1904	Edinburgh (1888) .. Edinburgh (1892) .. Adelaide ..	B.Sc. M. B. D.Sc.
SMYTH, Isabel Agnes Ekin	1905		B. A.
SMYTH, John Thomas	1878	Melbourne (1874) ..	B. A.
† SNOW, Wilfrid Rippon	1914		B. E.
SOLLAS, William Johnson	1914	Cambridge ()	D.Sc.
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	1896		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.
† STEELE, Kenneth Nugent	1914		M. B., B.S.
STEPHENS, Charles Francis	1897		B.Sc.

* Deceased.

† Not yet Member of Sena e.

† STEPHENS, Eric Goyme	1912		B.Sc.
STEPHENS, Lillian 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	Cambridge (1872) ..	M.A.
	{ 1882	Cambridge (1880) ..	M.D.
	{ 1909	Cambridge (1909) ..	D.Sc.
STIRLING, Sir John Lancelot	1877	Cambridge (1871) ..	LL.B.
STODDART, Harrold William Downing	1911		M.B. B.S.
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.
† STRACHAN, James Charles Power	1914		M.B., B.S.
STUCKEY, Edward Joseph	{ 1895		B.Sc.
	{ 1903		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	1883	Cambridge (1887) ..	M.D.
* SYMON, William	1879	St. Andrews (1876)	M.A.
SYMONS, Mark Johnston	1885	Edinburgh (1878) ..	M.D.

T.

TANNER, George Pelham	1912	Oxford (1908) ..	B.A.
† TASSIE, Jean Reid	1914		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.

* Deceased.

† Not yet Members of Senate.

† TILLEY, Cecil Edgar	1914		B.Sc.
* TODD, Sir Charles	1880	Cambridge (1886) ..	M. A.
* TODMAN, James	1877	Edinburgh (1852) ..	M. D.
TOLLEY, Frank Gordon	{ 1901 1906	Cambridge (1889) .. Cambridge (1906) ..	LL.B. M. A.
TORR, William George	1892	Dublin (1892) ..	LJ., 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.
* TUCKER, William Alfred Edgcumbe	1885		B. A., LL.B.
TUCKWELL, Ernest Sinclair	1902		B. A.
† TURNER, Charles Trevor	1914		M. B., B. S.
TYAS, Margaret Elizabeth	1905	London (1905) ..	B. Sc.

U.

UPTON, Henry	1888		LL.B.
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V.

* VARLEY, Charles Grant	1884		LL.B.
VAUGHAN, John Howard	1900		LL.B.
VERCO, Clement Armour	1902	Sydney (1901) ..	M. B., Ch. M.
VERCO, Joseph Cooke	1877	London (1876) ..	M. D.
† VERC0, 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 LUSCHAN, Felix	1914	Ph. D. Munich (1889)	D. Sc.
* 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.

* Deceased

† Not yet Members of the Senate.

† WALL, Frederick Lawrence	..	1914		M.B., B.S.
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	..	1903		M.A.
WARD, Leonard Keith	..	1913	Sydney (1903)	B.E.
† WARREN, Thomas Hogarth	..	1889		LL.B.
† WATERHOUSE, Louis David	..	1914		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.
† WEIR, Isobel	..	1914		B.A.
WELD, Elizabeth Eleanor	..	1901	Melbourne (1901)	M.B.
* WELD, Octavius	..	1877	Toronto (1856)	B.A.
WELLS, Clement Victor	..	1902		M.B., B.S.
† WELLS, John Clarence	..	1912		M.B., B.S.
WEST, Arthur George Bainbridge	..	1897	Oxford (1892)	M.A.
WEST, Gordon Roy	..	{ 1904 1908		B.Sc. M.B., B.S.
WEST, John Stanley	..	1914	(B.Sc. 1907. surrendered for B.E. 1914).	B.E.
WEST, Reginald Arthur	..	1905		M.A.
* WEST-ERSKINE, William Alexander Erskine	..	1877	Oxford (1864)	M.A.
WHEATLEY, Frederick William	..	{ 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 (1853)	M.D.
WIBBERLEY, Brian	..	1911		Mus. Bac.
WIBBERLEY, Brian William	..	{ 1911 1914		B.Sc. M.B., B.S.
† WIGHT, Albert Raymond	..	1914		B. E.
WILKINSON, Frederick William	..	1884		B.A.
† WILKINSON, Herbert John	..	1914		B.A.
† WILLIAMS, Arthur Evan	..	1914		M.B., B.S.
WILLIAMS, Eirene Mary	..	1907		B.A.

* Deceased.

† Not yet Members of Senate.

* WILLIAMS, Francis	1877	Oxford (1860) ..	M.A.
† WILLIAMS, Francis Edgar ..	1914		B.A.
WILLIAMS, Frank Laurie ..	1905		LL.B.
WILLIAMS, James Henry ..	1908		B.A.
WILLIAMS, Mabel Evangeline ..	1906		B.A.
WILLIAMS, Matthew	1887		B.A.
† WILLIAMS, Ralph	1914		B.Sc.
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 1914	Cambridge (1911)	B.Sc. M.A. D.Sc.
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.
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	1833	Dublin (1882) ..	M.A.
YOUNKMAN, Landau	1910		B.Sc.
† YULL, George Ashwin	1913		LL.B.

Z.

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

† 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	Eltis, 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.
	Priest, H. J.	...	...	Mathematics	...	I.
	Wheatley, F. W.	...	...	Mathematics	...	III.
1905	Darwin, L. J.	...	...	Mathematics	...	I.
	Moyes, J. S. . .	...	...	Mathematics	...	III.
1906	Langman, Mary L.	...	...	Classics	...	I.
	Williams, Mabel E.	...	...	Classics	...	II.
1908	Hübbe, Edith U.	...	...	Classics	...	III.
	Bragg, W. L.	...	...	Mathematics	...	I.
1909	Ferguson, A. S.	...	...	Classics	...	I.
	Hauman, 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.

† Did not take B.A. Degree.

* Deceased.

1911	Mayo, G. E. ...	Philosophy ...	I.
	Ellis, F., B.Sc. ...	Mathematics ...	II.
1912	Bronner, 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.
1914	Allen, Eleanor Alice ...	Philosophy ...	
	Price, W. J. ...	Classics ...	
	Stewart, C. G. ...	Classics ...	
	Tassie, Jean R. ...	Classics ...	
	Williams, F. E. ...	Classics ...	

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. J. 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 E. ...	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.
1914	Baxter, R. R. ...	Chemistry ...	

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

ANDREWS, Walter Frederick ..	1888	LAKE, Clement William Hingston ..	1907
ASHTON, Edward James Wilberforce	1896	LITTLE, Egbert Percy Graham ..	1898
ATKINSON, Alfred Harris Owst ..	1900	MC EWIN, George	1897
BAKEWELL William Kenneth ..	1908	MACKENZIE, Charles Norman ..	1909
BENNY, Benjamin	1891	McLACHLAN, Alexander John ..	1894
BERRY, George Augustus	1887	MICHELL, George Francis	1888
* BERTRAM, Robert Mathew	1888	MITCHELL, Harold Flinders	1908
BOUCAUT, George Hiles	1906	MOULDEN, Frank Beaumont	1895
BRAY, Cecil Thomas	1900	MUIRHEAD, Henry Mortimer	1909
BRIGHT, William Stuart	1904	NESBIT, Reginald George	1900
CASTLE, Gordon Harwood	1885	NICHOLLS, Theodore Henry	1900
CAVENAGH, James Gordon	1887	OWEN, William Frederick	1906
COVENTRY, Charles James	1911	PENNY Bertram Stephens	1908
COX, Edwin Baxter	1908	PENNY, Clifton Raymond	1893
DAVISON, John Hubert Hawdon ..	1908	RANKIN, Henry Oliver Arthur	1912
DENNY, William Joseph	1908	REGAN, James William	1913
DOWNER, Frank Hagger	1886	REID, Walter Gliddon	1909
DRIFFIELD, George Carus	1889	ROBERTS, Donald Arthur	1912
DURSTON, Sidney Bridle	1889	RONALD, Stuart Douglas	1910
FLEMING, Stanley Hugh	1902	ROUNSEVELL, Horace Vernon	1888
FOSTER, Henry Edgar	1889	ROWLEY, Spencer Toler	1888
FOX, John Henry	1895	SHEPHERD, Joseph Scoresby	1899
GILLEN, Vincent de Paul	1907	SMITH, Francis Villeneuve	1906
GOLDSWORTHY, William Beazley ..	1903	STOCKDALE, William John	1889
* GREER, George Andrew	1889	STUART, Walter Leslie	1900
GWYNNE, Ilfted Gordon	1891	* SUPPLE, Charles Joseph	1900
HAGUE, Percy	1897	TAPLEY, Willis Wayte	1909
* HAMP, John Chipp	1887	* TAYLOR, Harry Braithwaite	1886
HARGRAVE, Charles Townshend ..	1904	TENNANT, Frederick Augustus	1899
HARGRAVE, Joshua Addison	1890	VANDENBERGH, William John	1896
HENDERSON, William B.A.	1908	VON BERTOUCHE, Rupert Paul Al- brecht	1892
HESELTINE, Samuel Richard	1903	VON DOUSSA, Stanley Bowman	1901
HEUZENROEDER Rudolph Hermann	1913	* WADEY, Walter Henry	1892
HILL, Henry Richard	1887	WARD, Henry Torrens	1900
HILL, Herber Edward	1898	WARREN, Sydney John	1911
HOLLAND, William C rin	1909	WEAVER, Alfred Charles	1903
HOMBURG, Hermann	1893	WHITBY, Percy Edward Robert	1891
HOMBURG, Robert	1897	WIGLEY, Henry Vandeleur	1890
JAMES, Alfred Charles	1899	WINNALL, John Edward Hyde	1893
JOHNSON, James Howard	1900	WOOLDRIDGE, William Phillips ..	1894
JOYNER, Frederick Allen	1885	WRIGHT, Charles Joseph Harvey ..	1888
KEATS, Frederick Phillips	1900		
KENNEDY, Donald Angus	1904		

* Deceased.

Associates in Music.

BASEDOW, Ivy Marie	1912	MANNING, Hilda Mahala	1902
BRUGGEMANN, Martha Dorothy ..	1904	OLDHAM, Dorothy	1914
CHEEK, Muriel Elizabeth	1909	PARKINSON, Charlotte Ethel Violet	1901
CILENTO, Gladys Muriel West ..	1913	PHIPPS, Charlotte Lucy Barkwell ..	1905
COUNBE, Hurtle Harold	1912	PUDDY, Maude Mary, Mus. Bac. ..	1960
DAVY, Ruby Claudia Emily, Mus. Bac.	1903	REIMANN, Hilda Marie	1912
D'ARCY-IRVINE, Alice Bond	1913	ROACH, Mary Moyle	1910
DAY, Florence Muriel	1913	ROBERTS, Winifred Sophie	1911
EVANS, Bert	1913	ROWE, Florence Nellie	1914
FLAHERTY, Amie Josephine	1907	RUDEMANN, Elsa Wilhelmine	1903
* FORSAITH, May East	1912	SAYERS, Alice Mabel	1901
GOSS, Lucy Vera	1909	SHORT, John Thomas Gordon	1907
GRIFFITHS, George Townsend ..	1914	SPEHR, Francesca	1901
HANTKE, Ethel Hilda Hedwig ..	1902	TAYLOR, Gladys Leslie	1908
HILLS, Walter Bedford	1904	WALLMANN, Beatrice May	1909
HINE, Clytie May	1908	VARDON, Daisy	1914
HOCHE, Edith	1908	WHILLAS, Helen May	1901
JAMES, Doris	1912	WHITINGTON, Sylvia Muriel	1911
JOYCE, Kate	1904	WIBBERLY, Brian, Mus. Bac.	1908
KEMP, Marion Kirkwood	1903	WILLIAMSON, Arthur Burton	1908
KOLLOSCH, Samuel	1910		

* Deceased

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

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

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

ANDERSON, Reginald Hamp	1910	MUECKE, Carl Wilhelm Ludwig ..	1908
ANNELLS, Herbert Edward	1908	NEEDHAM, George Francis Jack ..	1911
BAYLY, Edward Benjamin	1910	NEUENKIRCHEN, Hermann Adolph Heinrich	1912
BRAY, Clifford Samuel	1908	PONDER, Gilbert Walter Graham ..	1914
CALDER, William Cormack	1913	PROUD, Katherine Lily	1910
COTTON, Robert Harold	1908	ROBERTSON, George Oliver	1908
DOBSON, Alfred James	1909	RUSSACK, Frederick William	1913
FRY, Arthur Henry Percival	1910	SHEPPARD, Bernard Aubrey	1910
GALE, Frederick Julius	1910	SMITH, Charles Alfred	1910
HARRIS, Russell Hope	1912	SOLLY, Hubert Ambrose	1913
HARRISON, William Frank	1908	STEELE, Robert Moore	1908
HENDRY, Campbell Alexander	1914	THOMAS, Harold Clarke	1908
HOGBEN, Alfred Richard	1909	TURNER, Percy	1913
KIRKMAN, David	1908	WAUCHOPE, James George Neilson	1911
LENTON, Leslie	1910	WHEELER, Horace Rosehy	1911
MENKENS, Frank Hermann	1908	WINTER, Claude Howard Stanley ..	1914
MESSENT, Albert Edward	1908	WOOD, Alfred Evelyn	1909
MILNE, Alexander	1910		
MOYES, Charles Robert	1913		

DIPLOMA IN MINING ENGINEERING. DIPLOMA IN ELECTRICAL ENGINEERING.

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

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

Diploma in Electrical Engineering.
(OLD REGULATIONS.)

CHAPPLE, Ernest, B.Sc. 1904

Diplomas in Applied Science.

MINING ENGINEERING

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

ELECTRICAL ENGINEERING.

ANGWIN, Hugh Thomas Moffitt, B.E. (Course A) 1911	GRAY, William Watt Erskine, B.E. .. 1912
BEGG, Reginald Haussen, B.Sc. (Course A) 1911	GREENLEES, Alan David, B.E. 1910
BROWN, Arthur Cubitt, B.E. 1914	LANG, William Holland, B.Sc. ... 1908
BURGESS, Leslie Frank, B.Sc. 1909	MCNAMARA, Louis Warnecke, B.E. (Course B) 1911
COOPER, Wilfred Windham, B.E. .. 1913	POTTS, William Andrew, B.E. 1913
DART, Ralph John 1914	RENNIE, Edward James Cadell, B.E. 1907
DUMAS, Russell John, B.E. 1914	ROSMAN, Frank Edgar, B.Sc. 1909
ELLIS, Frank, B.E. 1908	SCOTT, Ronald Melville, B.E. 1912
GILBERT, Joseph, B.Sc. 1908	SMITH, Harold Whitmore, B.E. .. 1906
GILL, Lancelot Waring, B.E. 1909	TASSIE, Robert Wilson, B.Sc. 1909
	WEST, John Stanley, B.E. 1908

MECHANICAL ENGINEERING.

BROOKMAN, John Ragless, B.E. .. 1907	MOTTERAM, Philip, B.E. 1914
LAYBOURNE-SMITH, Louis, B.E. .. 1908	WHITE, William John 1911

METALLURGY.

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

DIPLOMA IN FORESTRY.

PINCHES, Alfred Leslie 1914	SCHEDLICH, Alfred Karl 1914
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LIST OF STUDENTS, 1914

UNDERGRADUATE STUDENTS—SESSION 1914.

LL.B. DEGREE.

Abbott, Charles Arthur Hillas Lem- priere, B.A.	McGee, John
Alderman, Henry Graham	Marshall, George Steel
Badger, Magnus	Martin, Hugh Wallis
Bogner, Ernest Wilhelm Georg	Mellor, Thomas Reginald
Burns, Leonard James	Michell, George Wilfred
Clarke, Laurence Eric	Millhouse, Eric William John
Cleland, Thomas Erskine	Mills, John Brier
Cox, Edwin Baxter	Moulden, Arnold Meredith
Cruikshank, Errol	North, Charles Vincent Rice
Davenport, Arthur Vernon	Pearson, Charles Mason
Davey, Robert Shannon	Peirce, Herbert
Delbridge, Sandford Rhodes	Piper, Harold Bayard
Fisher, Guy	Povey, Edward
Gelston, Hedley Ringrose	Reid, John Tennyson
Genders, Eustace Alexander	Robertson, Gordan Clough
Gifford, Alfred Silva Harril	Ross, Dudley Bruce
Goldsworthy, Spencer Gordon	Sanderson, Kenneth Francis Villiers
Healy, Kevin John Bernard	Sinclair, John Michell
Heuzenroeder, Rudolph Hermann	Skewes, Edward Foster
Hicks, Francis Gibson	Smith, Paul Teesdale
Holland, George Harold	Sutherland, Aftan James Lavis
Hunt, William Robert	Sweeney, John Grant
Kerr, Donald (Jr.)	Varley, William
Kirkman, Kenneth Hainsworth	Waterhouse, Arthur Grieves
Kitson, Mary Cecil	Waterhouse, Louis David
Landvogt, Joseph Ignatius	Woods, Julian Gordon Tenison
	Ziesing, George Ignatius

M.B. AND B.S. DEGREES.

Abbott, Nigel Basil Gresley	Gillen, John Besley
Ashby, Ivan Edwin	Godfrey, Kirke Charles
Barlow, Douglas Lewis	Grant, Richard Longford Thorold
Bean, Alan Reid	Gurner, Colin
Beard, Jack Roland Stanley Grose	Guymer, Arthur Howes
Beare, Frank Howard	Guymer, Ernest Albert
Bennett, Norman Robertson	Hall, Norman Bruce
Birch, John Bright	Haste, Reginald Arthur, B.Sc.
Black, Geoffrey Howard	Hayward, Lancelot Alfred
Bollen, Kenneth Willoughby	Hossfeld, Paul Samuel
Boynton, Frank Audley Henry	Jones, Brynmore Beveridge
Broadbent, Eric Elihu	Jose, Ivan Bede
Broadbent, Harold Walter	Keipert, Leslie James
Burden, Clive Britten	Kendrew, George Harry
Cairns, Hugh William Bell	Kenihan, Raphael Leo
Cilento, Raphael West	Kollosche, Harold Frank
Cockburn, Patrick	London, Guy Austin
Collins, William Kendall	Lindon, Leonard Charles Edward
Davies, Harold Whitridge	Linn, Leslie Wadmores
Gardner, John Forrest	Love, John Alexander
Gault, Arthur Kyle	McGlewe, Phyllis Dorothy
George, Mildred May	McNeil, John

Messent, Philip Santo
 Moore, Brian Formby
 Morey, Alan Wilson
 O'Neill, Sydney
 Pavey, Harold Keith
 Pender, Ian Basil
 Phillips, William James Ellery
 Plötz, Oscar Arnold
 Pomroy, Harry Roy
 Pryor, William Arthur
 Rice, Patrick William
 Rolland, James Alexander
 Russell, Alfred Burgess
 Shanasy, William Bonwill
 Shipway, Graham Stewart
 Smith, Walter Leonard
 Southwood, Albert Ray

Steele, Kenneth Nugent
 Strachan, James Charles Power
 Sweeney, James Gladstone
 Symons, Eric Lindsey
 Taylor, Benjamin Thomas
 Turner, Charles Trevor
 Wall, Frederick Lawrence
 Wallmann, Douglas Robson
 Watson, Arthur Harrison Edward
 Webb, John Newton
 Webb, Walter Frederick Swanton
 Wibberley, Brian William
 Wien-Smith, Geoffrey
 Williams, Arthur Evan
 Wilson, Laurence Algernon
 Wyllie, Hugh Alexander

B.A. DEGREE.

Adey, William James
 Allen, Eleanor Alice.
 Anderson, Mrs. John
 Anderson, Marjory
 Anthony, Ernest
 Armitage, Harold Edwin Salisbury
 Baaner, Oscar Ver
 Baker, Arthur James Kendall
 Baker, Mabel Jewell
 Bartholomaeus, Edmund Stanley
 Beaumont, Paul Charles
 Belcher, Daisy Muriel
 Bennet, Charles Gordon
 Berry, Frances Winifred
 Billing, Aldyth Nada
 Bills, James
 Blair, Euphemia Theodesia.
 Boorn, Clifford William
 Browne, Philip
 Bryan, Margaret Emma
 Bunday, Mildred Effie Grace
 Burnett, Eydlyn Constance
 Burgess, Frederick Martin
 Canney, Richard Francis
 Campbell, Mary Isabel
 Carr, Emma Lucy
 Carthew, Lancelot
 Caterer, Brenda Mary Ainslie
 Cattle, Alton Claude
 Caust, Leslie George William
 Charlesworth, George
 Clark, Kathleen Mary
 Cloughton, Olive Ruby May
 Claxton, Elsie Mabel
 Clucas, Evan Lewis Beaumont
 Coombe, Wilfrid Samuel
 Cresswell, James Edwin
 Crump, Elizabeth Bryce
 Curnow, Hubert Linley
 Davies, John Newton
 Davies, William Lawrence
 DeLisle, Frank

Dickinson, Victor Knowlton
 Digance, James Roy
 Diment, William Stuart
 Dinning, Alfred Ernest
 Dorsch, Agnes Laura Anna
 Dorsch, Ernst Georg
 Flint, Adela Lysander
 Ford, James Albert
 French, Hannah Rita
 Gale, Frederick Julius
 Gent, Alfred Vincent
 Gerlach, Max Johann
 Gilbert, Olive Violet
 Gilman, Phyllis Constance
 Godlee, Margery Rebecca
 Good, Frances Helena
 Gooden, Edgar Lorenzo
 Gooding, Flora May
 Gordon, Albert William
 Gratton, Francis Lymer
 Gust, Eva May
 Haese, Ernst Alfred Wilhelm
 Hardy, Mabel Phyllis
 Harris, Hilda Maud
 Harry, Irene Pearl
 Hayward, Kitty Pauline
 Head, Zuleime May
 Heward, Ilma Marquerite
 Heyne, Ida Marie
 Higginbottom, Edwin Corlett
 Hill, Albert Charles
 Hill, John Harold
 Hodges, Dora Elizabeth
 Hornabrook, Leonard Charles
 Hoskins, Howard Berthold
 Hunt, Clara Irene
 Hurley, Leonard Joseph Bernard
 Hutley, Walter Fritz Stephen
 Ide, Bessie
 Jacob, John Gilbert
 Jeffery, Frederick Sampson
 Jenkin, Alfred John Roseland

Johncock, John Arthur
 Johnson, Edwin Ralph
 Keller, Gustav Adolf
 Kentish, Marjorie Hope
 Kimber, Millicent May
 Langsford, Doris Mar
 Laurie, Leonard Buxton
 LeLacheur, Hellier
 Leslie, Colin
 Lewis, Edith Averil
 Limb, Arthur
 Lockyer, Alfred William Hills
 McCann, William Francis James
 McDonnell, Donald
 McLaren, Clarence Roy
 Maclaren, Peter Patrick
 McRostie, Ella Kate
 Mann, Gertrude Irene
 Martin, William Thomas
 Mattner, Edward William
 Mawby, Olga Gates
 Meldrum, Eric Douglas
 Menz, Anna Magdalene Augusta
 Meyer, Elsie Josephine
 Miller, Rachel Mary
 Mitchell, Annie Nora
 Moyes, John
 Moyle, Sidney
 Mugford, Charles Samuel
 Muller, Gerald
 Munn, Bertha Helen Temple
 Munro, Gordon Albert
 Murdoch, Ellis Ruby
 Mutton, Henry Edwin Howard
 Nancarrow, Henry
 Newman, Kathleen Mary
 Nicholas, Edward David
 Nicholls, Jonathan Kingsley
 Nock, Leslie Cyril
 Norman, Hanna Mary
 Oldham, Wilfrid
 Oswald, George Harry
 Padman, Clarence Swann
 Page, Albert Edward
 Parham, Kingsley Barnard
 Payne, Louise Mary Gwythyr
 Pearce, John Ellis
 Pentelow, Samuel Thomas Otho
 Pitt, George Henry
 Pocock, Robert Bakon
 Poynton, Mary Mabel
 Preece, William Ewart
 Price, Walter John
 Pryor, Eric John
 Rayner, George Percival
 Richards, Eva Gertrude

Roach, Dorothy Angela
 Roach, Kenneth Douglas
 Robinson, Ida Mary
 Robinson, Samuel Foster
 Rodgers, Winifred Grace
 Rowe, Edgar Percival
 Salmon, Rita Mar
 Sanders, Grace Annie
 Sard, Thomas Balfour Cooper
 Sarre, Vera Georgina
 Scholefield, Agnes Mary
 Schultz, Frederick Balfour, LL.B.
 Sexton, Nellie Gladys
 Sharman, Ethel Olive
 Sharman, Florence Mary
 Shaw, Kate Hambly
 Shepherd, Eric John
 Simon, Rosina Elsa
 Simons, Raymond Payne
 Smith, Sylvester
 Somerville, Joesca Lewin
 Sowter, Eleanor
 Stephens, Dulcie Gladys
 Stewart, Colin Gore
 Stibbles, Florence
 Tassie, Jean Reid
 Taylor, Walter Leslie Frank
 Thomas, Frank Williams
 Thomas, Frank Emerson
 Thomas, Lorna Muriel
 Thrush, Harry Clifford
 Timcke, Edward Waldemar
 Tiver, Stanley James
 Topperwein, Irwin Bismark
 Tregenza, Albert Gray
 Tregenza, Howard Stanley
 von Bibra, Elizabeth Bertha
 Wall, Kathleen May
 Warren, Sidney Lilla
 Waters, Elizabeth
 Watson, Percival
 Weir, Isabel
 Wemyss, Eleanor Evelyn Beatrice
 Whiting, Clyde Taylor
 Whittington, Arthur Onslow
 Wilkinson, Herbert John
 Willecock, Olive Amelia
 Williams, Allison Sylvia
 Williams, Caroline Margaret
 Williams, Elizabeth Catherine
 Williams, Francis Edgar
 Williams, Gwenneth
 Williams, Thomas Edward
 Wilton, Fred
 Wright, Cyril Walter

M.A. DEGREE.

Bagot, Edward Mead, B.A.
 Bean, Edgar Layton, B.A.
 Blair, Euphemia Theodosia, B.A.

Brooks, Albert Joseph, B.A.
 Cowan, Robert Francis, B.A.
 Gluis, John, B.A.

Hannan, Albert James, B.A., LL.B.
 Heyne, Laura Olga Hedwig, B.A.
 Jackson, Sarah Elizabeth, B.A.
 Nairn, Alexander Livingston, B.A.
 Nietz, Herbert Walter, B.A.
 Pitt, Arthur William, B.A.
 Potter, Roy Adolph, B.A.

Prince, Erica Lloyd, B.A.
 Proud, Millicent Farrer, B.A.
 Reimann, Valesca Leonore Olive,
 B.A.
 Steward, Frederick John Harrold,
 B.A.
 Ward, John Frederick, M.A.

B.Sc. DEGREE.

Baxter, Reginald Robert
 Beare, Frank Howard
 Burdon, Roy Stanley
 Christie, William
 Cole, Cyril Richard
 Collins, Arnold William
 Davey, Esther Marion
 Davis, Ray
 Dowling, Donald Augustus
 Dumas, Russel John
 Fowler, Russell Aubrey
 Gault, Estelle Ruth
 Gates, Benjamin John
 Goodman, Cyril William
 Hurst, Walter William
 Lapsley, Ronald George
 Longbottom, Herbert Leslie
 McKail, Ronald George

Moyes, Alban George
 Perrers, Albion Marshall
 Pinches, Alfred Leslie
 Potts, Frank Roland
 Reid, Frederick William
 Richards, Clarence
 Schedlich, Alfred Karl
 Stephens, Cyril Foster
 Stephens, Eric Goyne
 Stevens, Norman Botting
 Stoate, Theodore Norman
 Symons, Ivor Gordon
 Tilley, Cecil Edgar
 West, Reginald Arthur
 Wheaton, George
 Williams, Ralph
 Willsmore, Hurtle Binks

B.E. DEGREE.

Bagot, Charles Ernest
 Berriman, Ralph Vaughan
 Berriman, Robert Harrold
 Cox, Rudolph William Arthur
 Dart, Ralph John
 Denton, Esmond Knill
 Gaskell, Fred
 Goode, Kenneth Burden
 Goodman, Cyril William
 Hall, Anthony Basil McKellar
 Hutcheson, George Ian Dewart
 Hylton, James Roy
 Jose, Wilfrid Oswald
 Kennedy, Alexander Lorimer
 Kneebone, Christopher Stephen
 Mongan, Horace John
 Motteram, Philip
 Mudie, George Dempster

Nicholson, Hugh John Gay
 Pellew, Clarence Everard
 Pender, Roy
 Poole, Gilbert Graham
 Rankin, Leonard Edward
 Robertson, Frederick Arnold
 Robin, Geoffrey de Quetteville
 Sanders, Raymond Charles
 Smith, Raydon Berry
 Somerville, Hugh Norman
 Snow, Wilfrid Rippon
 Tuck, Harry Playford
 Wallmann, Leslie Haynes
 White, Eric Barnard
 Wigg, Ronald Melrose
 Wight, Albert Raymond
 Yates, Donald

MUS. BAC. DEGREE.

Arlom, Wilfrid
 Atwell, Ada Ethel
 Butson, Ernest Edward
 Cole, Louie Chapman
 Dunn, John Millard
 Gill, Hilda Beatrice
 Howard, Winifred Jean

McBride, Dorothy Evelyn
 Mathews, Hilda Brisbane
 Patrick, Elsie Furneaux
 Simpson, Ralph James
 Stephens, Nellie Gwendoline
 Trevelyan, Cecil
 Upton, Stanislaus Kotska

NON-GRADUATING STUDENTS—SESSION 1914.

FINAL CERTIFICATE IN LAW.

Dempster, Frederick William
 Gifford, Alfred Silva Harri

Nesbit, Hubert Gordon Paris

Non. Graduating.

ARTS AND SCIENCE.

- Allen, Reginald Stanley
 Andrew, Horace Walpole
 Ayliffe, William Lionel
 Bailey, William James
 Baker, Ellie May
 Barnes, Alice Mary
 Bastard, Frederick John
 Bates, Beatrice Charlotte
 Bennett, William Bontflower
 Bierwirth, Ralph
 Birt, Percival Hocking
 Blackney, Samuel
 Bond, Sidney Colin Roy
 Bowker, Jean Eliza Ruth
 Boxall, Arthur D'Auvergne
 Brokensha, Joseph Allen Prior
 Brooks, Walter Leslie
 Brummitt, Ida Muriel
 Burton, Leonard Jamieson
 Cameron, Robert Ewen
 Campbell, John Richard
 Campbell, Robert
 Campbell, Thomas Draper
 Canning, Albert
 Cartwright, Clifford Norman
 Charlesworth, George
 Chennell, Percy Howard
 Clarke, Andrew Douglas
 Clark, Hugh Rodney
 Cock, Ursula Alice
 Collins, Eva Elizabeth
 Coombs, Mary Minetta
 Cornish, Doris Jean
 Coulter, Reginald Bruce
 Dadds, Charles Robert
 Davey, Constance Muriel
 Daw, Alfred Compson, jun.
 Dawbarn, Katrine Anderson
 Denton, Eli
 D'Enyar, John James
 d'Erlanger, Charlotte
 Dewhirst, Geoffrey Bury
 Duce, Henry Bedford
 Eaton, George Henry
 Edwards, Hurtle Thomas Jack
 Eustace, John Leonard
 Evans, Evelyn Robertson
 Fordham, Jaranita Horwood
 Fowler, George Swan Murray
 Francis, Archibald Roy
 Frisby-Smith, Gwendoline
 Galvin, Thomas Bernard
 Gibb, Claude Dixon
 Gibson, Roy George
 Gilbert, Walter Stanley Scollard
 Glynn, Robert McMahon
 Goss, Norman Claridge
 Gribble, Ellen Elizabeth
 Gryst, Neil Ingram
 Gunn, William John
 Haines, Harry Lionel
 Hall, Arthur Gilmore
 Hall, Reginald Dalton McKellar
 Ham, William
 Harding, Horace Ralph
 Harper, Melasena Iverna Marjorie
 Harris, William Orange
 Harvey, Frederick George Washington
 Heath, Henry Francis Trayford
 Heinrich, Herbert Theodor
 Hendry, Charlotte Mildred
 Hills, George Ridge
 Hool, William Storey
 Howard, Egbert Percy
 Hynes, Dorothea Evelyn
 Jeffrey, Jeffrey Graham
 Jeffrey, Pauline Rita
 Jenkins, Evan
 Jenner, Charles James
 Johncock, John Arthur
 Jolly, Eric Rupert
 Jones, Hooper Brewster
 Juncken, Eric Sidney
 Kelly, Ellen
 Kentish, Dorothy Grace
 Lammev, Eva Maude
 Leach, William Valentine
 Lloyd, Ethel Innes
 Long, William
 Loughhead, Archibald James
 Lucas, Hilda Alice
 Lushey, Harold Merton
 McKechnie, Janet McArthur
 Mackay, Gordon George
 Maddern, Clarence Arthur
 Maddern, Cecil Boase
 Marker, Hans Christian
 Martindale, Cyril Francis
 Mazzarol, Victor Joseph
 Melbourne, Dugall Archibald
 Menz, Emmie
 Miller, Roland Geoffrey
 Muirhead, Francis Charles
 Murphy, Dennis Daniel
 Murphy, Margaret Jane
 Murrie, Jack Esdale Parr
 Nancarrow, Henry
 Nicholas, Francis Maud
 Northey, James Douglas
 Odgers, Josiah Walter
 Parsons, Rex Whaddon
 Pearson, Richard Crawford
 Pender, Leslie

Pitman, Ralph Thomas
 Plotz, Ernest Michael Anton
 Pope, Doris Mary Adelaide
 Preece, John Lloyd
 Pryce, Arthur Andrew
 Pryor, James
 Purton, David Gabriel
 Rennie, Harriet Alison
 Riddle, Arthur Raymond
 Rieke, Meta Marie Alma
 Roach, John Carvle
 Rogers, Harry Arthur
 Rosman, Alice Alvine
 Sanders, Irma
 Scammell, Mary Gwendoline
 Schmitz, Maurice
 Schroeder, Arthur George
 Shannon, Kate Brook
 Shaw, Evelyn Percy Murray
 Shaw, John
 Shepherd, Dorothy Maud
 Smith, Iris Eileen
 Smith, Marjorie Florence
 Smith, Oliver Edward Caley
 Smitham, Harold John
 Snell, Richard John

Steele, Donald MacDonald
 Steven, Walter Edward
 Stevenson, Dorothy
 Stevenson, Priscilla
 Sudholz, Gertrude Alice
 Sutherland, William Alexander
 Tapp, Lynda Adrian
 Teulon, Seymour Neilson Wauchope
 Thiele, Max Hermann
 Thomas, Charles Leslie
 Thomas, Philip Benjamin
 Thornber, Kathleen Ellen
 Tuck, Bernard Edward Charles
 Tucker, William Lashbrooke
 Tuck, Carrie Muriel
 Tuck, Winifred May
 Upton, Robert Courtiss
 Virgint, Allan Hawtry
 Warnecke, Roy
 Warren, Reece French
 Weatherill, Ewart Maurice
 Welch, James Richard
 Wells, Clarence Gordon
 Whitbourne, Arthur James
 Williams, Thomas James
 Young, Raymond Michell

STUDENTS PROCEEDING TO THE DIPLOMA IN COMMERCE.

Adams, Frederick Percival
 Alderman, George Crooks
 Allen, Clement Charles
 Angwin, Harry Delmege
 Anthony, Guy Liddon
 Annells, Horace George
 Barnes, Cecil Thomas
 Bathgate, John Pender
 Battye, George Harry
 Battye, Ross
 Bennett, Alan William
 Biddle, John Parr Harding
 Blair, Frederick Alexander
 Bishop, William Poole
 Brown, Robert Eric Bruce
 Bungey, Ernest
 Burdon, Harold George
 Cant, Leonard George
 Carter, Howard Oliver
 Chabrel, Edwin Gilbert
 Chapple, Herbert Horace
 Choat, Raymond Hadden
 Clark, Harold Ernest
 Cooling, George Harold
 Cottle, Charles Dudley
 Cottrell, John Ledsam
 Cox, Richard Roy
 Creswell, John Thornton
 Crossman, Gordon Llewellyn
 Darby, Jack Eustace

Davies, Clive Runalls, B.A.
 Davies, Ellis Edward
 Deegan, Frederick Alfred
 Dunn, John Frederick William
 Edwards, Frederick Eric George
 Feain, John Joseph
 Foxworthy, John Henry
 Gallasch, Alfred Victor
 Gambrell, Roy Lancelot Victor
 Gill, Franklin
 Gillies, Claude Milton
 Goode, George Baxter
 Goode, Roger Britten
 Gordon, Douglas Peel
 Hains, Charles Ralph Alexander
 Hall, Cecil Lisle
 Hardy, Walter Cyprian
 Harris, Charles Irvine
 Harris, Frank Reginald
 Heath, Louis Alfred
 Hendry, Campbell Alexander
 Hillary, Michael James
 Holker, James Ralph
 Howie, George Percival
 Hudson, Ernest Gladstone
 Hughes, Leonard Headland
 Hughes, Percival James
 James, Charles Kingsley
 Jenkins, Stanley Robert

- Lillecrapp, Maxwell Angus
 Loan, William Clarence
 Lord, James Herbert
 McDougall, James Gilbert
 McKay, James
 McLean, Milroy Trail
 Mackie, George Norman
 Mackie, Malcolm Charles Albert
 Marten, Robert Humphrey, B.A.
 Martin, Colin Walter
 Medlyn Edwin Leslie
 Meldrum, Roy Stevenson
 Mengerson, Norman Victor
 Miller, Gavin Robert
 Mills, Edward Whitfield
 Mitchell, Bruce
 Mitton, Victoria Alice
 Moyes, Cecil Clarence
 Moyle, John Ewart
 Mutton, Wilfrid Dixon
 Newman, John Reginald Goode
 Nield, Arthur Restarich
 Nield, Hugh Kingsley
 Olifent, Edwin Bruce
 Othams, Herbert Reginald
 Parr, Harry Sidney
 Paton, Walter David Chalmers
 Ponder, Gilbert Walter Graham
 Preece, Edgar James
 Prest, David Howard
 Rasch, Leslie Richard
 Rhodes, Roydon Hamilton
 Rice, Thomas Francis
- Richardson, Eric Aldworth
 Roeger, Rudolph Victor Edelbert
 Sambell, Frederick James
 Schmelzkopf, Albert Carl
 Schmidt, Wilhelm Otto Carl
 Scott, Leslie Armstrong Douglas
 Siggins, Henry
 Silk, Ernest Feast
 Simes, Richard Montgomery
 Skinner, Cyril Leonard
 Smith, Andrew Anderson
 Storer, Leslie Alfred
 Sutton, Charles Ronald
 Tassie, Eric Harry
 Thew, John Ridley
 Turner, Archibald Donald
 Vertue, Arthur Renton
 Wastell, Nigel Fletcher
 Watson, Richard Jones
 Watts, George Gordon
 Watts, Octavius Melrose
 Wauchope, Ainsley Reginald
 West, Wilfred Arnold
 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
 Wright, Sydney Charles
 Young, Graham Hosie

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 Angus 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 Angus 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 18th September, 1900.

Chapter V.—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 absentia* with the permission of the Council.

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

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

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

BOARD OF EXAMINERS.

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

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

Chapter 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, 1913.

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, 1893.

Allowed 15th December, 1896.

Chapter XXII.—Of the Hartley Studentship.

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

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

*2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Higher Public Examination 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 4th December, 1915.

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 versa*.
2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.
- *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 12th August, 1903.*

Allowed 27th December, 1899.

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

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

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

Allowed 11th December, 1901.

Chapter XXVII.—Of the Board of Commercial Studies.

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

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

3. The Board shall annually elect a Chairman.

4. The Chairman shall :—

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

b. Preside at meetings of the Board.

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

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

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

Allowed 24th December, 1902.

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

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

- *I. There shall be a Medal to be called the "Joseph Fisher Medal of Commerce," which shall be awarded annually to the candidate for the Diploma in Commerce who, on completing the course for such Diploma, shall, in the opinion of the Examiners, be the most distinguished, and be considered by them worthy of the award.
- †II. No candidate shall be eligible for the Medal if he fails to complete the course for the said Diploma within 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 Oenology,

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

Allowed 7th December, 1905.

Chapter XXX.—Of the Tinline Scholarship.

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

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

- 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.

- I. 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 Bunday Prize for English Verse.

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

Now it is hereby provided as follows:—

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

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

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

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

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

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

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

Allowed 7th August, 1913.

Chapter XXXVI.—Of the John Creswell Scholarships.

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

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

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

(a) have passed the Junior Commercial or the Senior Commercial 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.

Chapter XXXVII.—Of the Alexander Clark Memorial Prize.

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

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

2. The Prize shall, for the present, be of the annual value of £12 10s., tenable for three years, subject to the provisions contained in Clause 6. The holder shall be required to enter the Elder Conservatorium and to study there the Principal Subject

for which the Prize shall have been awarded to him, together with such Secondary Subjects as may be approved by the Director. He shall also pay the proper fees.

3. Candidates for the Prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, Singing, and they shall undergo such examination as the Council may from time to time direct.

4. Candidates in Pianoforte, Violin, Organ, or Violoncello must be not more than eighteen years of age, and Candidates in Singing not more than twenty-four years of age, on the first day of March in any year in which the Prize is offered, and Candidates in any of these Subjects must have regularly attended for at least two years, between the ages of eleven and sixteen, a School under the Education Department of South Australia.

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

6. Every holder of the Prize shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music; if he fail to pass the examination proper to his year, he shall forthwith forfeit the Prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. A student who may, in the opinion of the Council, be guilty of misconduct, shall be required to forfeit the Prize for the remaining portion of the term of three years.

7. In the event of the Prize lapsing for any one year, as provided for in Rule 5, the income for that year shall be added to the capital account, and in the event of the holder resigning or forfeiting it before the commencement of the last term in any Academical year, the unexpended income for the rest of that year shall be added to the capital account. For each £50 added to the capital, the value of the Prize shall be increased by £2 10s. per annum

8. Payment of the Prize shall be made in four equal instalments, one at the end of each term.

9. The Prize shall be offered for competition in the first instance in March, 1915, and subsequently in the March next following its expiration of tenure, either by effluxion of time, resignation, or forfeiture.

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

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:

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 *puri 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.

*I. 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

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	4 4 0	2 2 0
{ Lectures	6 6 0	
{ Laboratory work	14 14 0	
Geology, parts I. and II. (including examination)	5 5 0	1 1 0
{ Elementary Biology	8 8 0	1 1 0
{ Physiology	4 14 6	1 1 0
Jurisprudence		

* 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 of 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.

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 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.)

* Allowed 3rd December, 1914.

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

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

*V. To obtain the Honours Degree, every candidate shall comply with the conditions of Regulation II., clauses (a) to (e) inclusive, subject to provisos 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.*

Except by special permission of the Faculty of Science, no candidate shall be allowed to begin the final year's work in Honours in any Department, until he has completed all his compulsory subjects and done such preliminary work in allied subjects as the Faculty of Science considers to be necessary.

Candidates for Honours in any Department shall pass the prescribed examination in the corresponding subjects for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

The names of candidates who pass with Honours shall be arranged alphabetically in two classes under each Department.

†VI. All examinations shall take place 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.

* Allowed 3rd Decembr, 1914.

† Allowed 24th Decembr, 1913.

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.

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 materia* in other Faculties or otherwise and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of 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*

* Allowed 24th December, 1913.

† Allowed April 3, 1903.

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.

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
		Laboratory Work	...	...	3 3 0
Chemistry	{	Lectures	...	...	2 2 0
		Laboratory Work	...	...	4 4 0
Elementary Biology	...	...	...	...	6 6 0
Do. (<i>vide</i> clauses 3 and 4 of Regulation II.)					3 3 0
Physiography	...	...	...	...	1 1 0
Elementary Botany	{	Lectures	...	...	2 2 0
		Laboratory work	...	...	4 4 0

B. ORDINARY DEGREE OF B.Sc. :—

Mathematics	...	...	...	...	13 13 0
Physics	{	Lectures	...	...	9 9 0
		Laboratory Work	...	...	18 18 0
Chemistry	{	Lectures	...	...	9 9 0
		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
		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
		Laboratory Work	...	...	18 18 0
Geology	...	...	...	...	8 8 0
Botany	...	...	...	...	10 10 0
Subjects taken at the Roseworthy Agricultural College.					{ For fees, see Schedules.

* Allowed 3rd April, 1913.

The fee for Chemistry does not include the fee for the compulsory part of that subject. The fee for Agriculture includes 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
		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 Palaeontology	...	...	...	...	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 materials used by a student exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- V. Students engaged in Quantitative Analysis must provide themselves with a platinum crucible and capsule, and a set of gramme weights.
- VI. Students engaged in private investigations must provide themselves with any materials they may require which are not included amongst the ordinary re-agents; also with the common chemicals, when they are employed in large quantities.
- VII. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.
- VIII. All preparations made from materials supplied by the University shall be its property.
- IX. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

- X. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- XI. The Professor may exclude any student from the Chemical Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.
- XII. Fines not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.
- XIII. The fees for students not attending the ordinary course of instruction are as follows :—
- For 5 days in the week, £4 5s. 0d. per month, or £10 per term.
 - For 4 days in the week, £3 6s. 8d. per month, or £8 per term.
 - For 3 days in the week, £2 10s 0d. per month, or £6 per term.
 - For 2 days in the week, £2 0s. 0d. per month, or £4 per term.
 - For 1 day in the week, £1 0s. 0d. per month, or £2 per term.

Made by Council, June 26, 1903.

RULES OF THE BOTANICAL LABORATORY.

- I. The Botanical Laboratory shall be open each week-day, during term time, from 9 a.m. to 5 p.m., Saturdays 9 to 12.
- II. Each student shall have a definite seat assigned to him in the Laboratory, which he may not change without permission.
- III. Each student shall have free use of a locker or drawer, of which a key may be obtained on deposit of half-a-crown. This will be refunded when the key is returned.
- IV. All necessary re-agents and materials are provided by the Laboratory, but each student is required to provide himself with the following :—

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

MICROSCOPES.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be hired for use in the Laboratory only, at a fee of 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.

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 materia* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Engineering, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine. Students who have begun or completed a Diploma course in Applied Science or any of the other Diploma courses before mentioned before matriculating, may be exempted by the Council from the necessity of again taking the whole, or such part of the course as they have already completed.
- VIII. The fee for the Degree of Bachelor of Engineering shall, except in the cases referred to in Clause IV., be £3 3s.

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

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

- *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 1915.

Abbreviations.—In the column headed "Hours per week" a single figure such as 2, means 2 hours per week throughout the year. A figure with a suffix such as 2₂, means two hours per week for two terms.

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

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

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.	Fees.
					£ 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. 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. Chittleborough	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	... 1 ₂	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	{ Meehan'l Engin'r'g II. Lect. 2 } " " Practical 3 ₂ }		Mr. Wood	S. M.	{ 2 5 0 2 2 0
38	Physics II., Lectures and Practical	{ 9, 6 }	Prof. Kerr Grant...	U.	10 10 0
106	Surveying and Levelling	... 6 ₁	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.	2 ₂	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.	11 ₂	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 ...	2 ₁	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	0
46	Chemistry II., Lectures	2	{ Prof. Rennie } { and Dr. Cooke } { or, Mr. Reid and } { Mr. Laughton }	U. and } S.M. }	10 } 10 } 0 }		
48	Chemistry II., Practical	10					
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	6 ₁	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.	11½	Prof. Kerr Grant...	U.	10	10 0

FOURTH YEAR.

73	Applied Mechanics II.	... 2½	Mr. Wood ...	S.M.	1	0 0
85	Electrical Engineering II.	... 18	Mr. Clark ...	U.	17	17 0
109	Electro Metallurgy	... 1½	Mr. Reid ...	S.M.	1	0 0
89	Hydraulics	... 2½	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
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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
38	Physics II., Lect. and Pract.	{ 9½ } { 6½ }	Prof. Kerr Grant ...	U.	10	10 0
73	Applied Mechanics II.	... 2½	Mr. Wood ...	S.M.	1	0 0

THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee.
					£ s.
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	2 ₁	Mr. Gartrell	U.	1 1 0
92	Machine Design II. ...	6	Mr. Wood ...	S.M.	4 7 0
94	{ Mechanical Engineering II. 2 } " " Practical 3 ₂ }		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 ...	6 ₁	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 materia* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Laws may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.

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

* 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

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 ls. 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 assisstant 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 materia* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.
- XII. Any student who has presented himself at an Ordinary Examination, but has failed to pass, or who, by reason of illness or other sufficient cause, allowed by the Council, has been prevented from attending the whole or part of such examination, may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for examination at a Supplementary Examination. Such recommendation shall be made by the Board of Examiners when settling the results of the Ordinary Examinations, but the Board shall in no case recommend for a Supplementary Examination any student of the fifth year who has failed to pass at the Ordinary Examination.
- XIII. The student shall not be required to be re-examined at the Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and, on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification will be allowed.

- XIV. At the First Examination the student shall satisfy the Examiners in each of the following subjects:—
1. *Anatomy and Dissections.*
 2. *Physiology*, theoretical and practical, including Histology and Physiological Chemistry.
 3. *Organic Chemistry*, theoretical and practical, with special reference to Physiology and Medicine. The chemistry of Poisons, organic and inorganic, with special reference to their detection.
 4. *Physical Chemistry.*
- XV. At the Second Examination the student shall satisfy the Examiners in each of the following subjects:—
1. *Anatomy*, general and descriptive, with Dissections.
 2. *Physiology*, theoretical and practical, including Histology and Physiological Chemistry.
 3. *Materia Medica.*
- XVI. At the Third Examination the student shall satisfy the Examiners in each of the following subjects:—
1. *Principles and Practice of Medicine*, 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
						<hr/>		
						24	3	0
						<hr/>		
						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
						<hr/>		
						£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 1915.

[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 of 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 due to the Adelaide Hospital (marked *) to be paid to the Secretary of the Hospital.

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

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

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

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

- VI. Each student taking the course of Physiological Chemistry must, at the beginning of the third term, pay a deposit fee of 10/-. Against this deposit fee all breakages, and also the cost of filter paper, litmus papers, platinum wire and foil, glass tubing, and sundries, will be debited. The balance, if any, will be refunded at the end of the year. If at any time the value of the apparatus broken, and materials used by a student, exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- VII. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.
- VIII. All preparations made from materials supplied by the University shall be its property.
- IX. No experiments of a dangerous nature may be performed without the express sanction of the Professor.
- X. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- XI. The Professor may exclude any student from the Biological Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.
- XII. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

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, *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 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, *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 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 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 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 13th 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. Schedules defining, as far as may be necessary, the scope of the Examinations in the above-mentioned subjects shall be drawn up by the Faculty of Music, subject to the approval of the Council, and shall be 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.
- *XIII.A. 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, } up to five parts.
 { Canon, and Fugue, }
4. Instrumentation.
5. History of Music.
6. Musical Analysis.

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

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 1915.

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 1915:

First year :

(a) Translation from English into Greek.

(b) Translation from Greek into English.

(c) Books specially set for 1915 :

Sophocles, *Antigone*, ed. by Sir R. C. Jebb and E. S. Shuckburgh
(Cambridge University Press).

Proem to the Ideal Commonwealth of Plato, ed. by T. G. Tucker
(Bell & Sons).

(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 :

Herodotus, Book I., ed. by H. G. Woods.

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 1915 :

First year :

(a) Translation from English into Latin.

(b) Translation from Latin into English.

(c) Books specially set for 1915 :

Livy, *Book I.*, ed. by John Brown (Blackie).

Vergil, *Aeneid, Book IV.*, ed. by A. Sidgwick (Cambridge University Press).

Latin and English Idiom, H. D. Naylor (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 :

Tacitus, *Annals, Book I.*, ed. by H. Furneaux (Clarendon 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 1915 and 1916 :

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 I.*
 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. It 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 1915:

The professor's lectures and the following books :

I.
 History of the English Language. Special book : Lounsbury, T. K.
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 IV.*, Part II. (Warwick Shakespeare).
(b) *Hamlet*; ed. by E. K. Chambers. (Warwick Shakespeare).
(c) *Cymbeline* (Macmillan & Co.).
3. Browning *Selections*. (Smith & Elder.)

IV.

Prose. Special book :

Goldsmith's *Vicar of Wakefield*, ed. by Stein (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 1915 :

First year :

- (a) Translations from English into French.
- (b) Translations from French into English.
- (c) *Cours de Grammaire Historique*. Part IV. Darmesteter.
- (d) Books specially set :
Grands Prosateurs du XVIIe Siècle. Ed. by Prof. Louis Brandin (Black).
Molière. *Les Femmes Savantes* (Clarendon Press).
Balzac. *Eugénie Grandet* (Oxford Higher French Series).
- (e) Selections to be committed to memory :
Spiers' *Senior French Reciter*, Nos. 7, 10; and from *Les Femmes Savantes*, Acte II., Sc. VII., "Le moindre solécisme ne suis point servi."

Second year :

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) E. Faguet. *Dix-Septième Siècle—Etudes Littéraires* (Hachette), omitting pp. 1-134.
Cours de Grammaire Historique, Part I. to p. 64. Darmesteter.
- (d) Books specially set :
Saint Simon. *La Cour de Louis XIV.*, pp. 79-129 and 207-411, omitting Nos. 30, 34, 44, 48 (Nelson).
Georges Sand. *François le Champi* (Oxford Higher French Series).
Rostand. *Cyrano de Bergerac*.
- (e) Selections to be committed to memory : Spencer's *Primer of French Verse*, Nos. 2, 4, 23, 78, lines 38 to 53; and from *Cyrano de Bergerac*, Acte III., Sc. VII., "Ah! si loin des carquois de mon sacrifice."

(Students should read the paragraphs in Spencer's *Primer* giving the theory of French verse).

[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 1915 :

First year :

- (a) Translation from English into German.
- (b) Translation from German into English.
- (c) History of the German Language.

Behagel, *A Short Historical Grammar of the German Language* (Macmillan, 3s. 6d.)

(Note: Students will be expected to have a general knowledge of the broad principles, and to give some illustrations with reference to these, but an intimate knowledge of all the details mentioned in the book will not be required.)

- (d) Books specially set :

Schiller, *Die Braut von Messina*, ed. by Breul (Cambr. Univ. Press).

Note: A detailed knowledge of the editor's introduction will not be required.

Kleist, *Prinz Friedrich von Homburg*, ed. by Bridge (Macmillan).

Heine, *Die Harzreise* (Blackie's Little German Classics, 6d.)

- (e) Selections to be committed to memory :

Heine, *Lorelei*.

Uhland, *Das Schloss am Meer*

Goethe, *Erlkönig*.

Schiller, *Das Mädchen aus der Fremde*

(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.).

Sybel, *Prinz Eugen von Savoyen*, ed. by Quiggin (Cambr. Univ. Press, 2s. 6d.)

Uhland, *Ballads and Romances*, ed. Fasnacht (Macmillan, 1s.)

- (e) Selections to be committed to memory :

Körner, *Gebet während der Schlacht*.

Schiller, *Hoffnung*.

Uhland, *Die Kapelle*.

Kerner, *Der reichste Fürst*.

Goethe, (a) *Kennst du das Land*,

(b) *Wer nie sein Brot mit Tränen ass*.

(Note: These poems may be found in *The Oxford Book of German Verse* (Oxford Univ. Press, 6s.).

[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 1916. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination in 1916 :

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 1915 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.**Bohâ-ed-dîn.*

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 I. will be given in 1915. It will deal mainly with economic consumption and production, and with the theory of money.

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.*

Official Year-Book of the Commonwealth. No. 7 (1914).

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. 7 (1914).

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 may 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 1915 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 Montessori will be expected.

In the Theory of Education they are recommended to read Raymont, *Principles of Education* (Longmans, Green, & Co., 4s. 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.

4. PRINCIPLES OF SECONDARY EDUCATION.

- 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).

- 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.

- 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 must have passed in First Year Pure Mathematics (No. 30).

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*.

Graeves, *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. 1.

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 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 against internal and external pressure.

The torsion of shafts. Combined twisting and bending. Helical springs.

The stability of structures under the action of wind, earth, or water pressure. Dams and retaining walls. 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), spectroscopy, &c., elementary computations, and general descriptive astronomy.

Text-books :

Todhunter & Leatham's *Spherical Trigonometry*.

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.

Before taking this course, students must have passed the examination in the First Year's course in Pure Mathematics (No. 30).

Subjects of examination :

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

Watson, *A Text Book of Physics*.

Reference book for practical work :

Glazebrook and Shaw, *Practical Physics*.

39. Third Year'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.

Before taking this course, students must have passed the examination in the First Year's course in Physics (No. 37).

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, caesium, titanium, zirconium, tungsten, molybdenum, vanadium, selenium, tellurium, radium, and the platinum group of metals.

The elementary study of the theory of gases, the atomic theory, and the determination of atomic and molecular weights. Valency. The periodic law. Solutions. Thermo-chemistry. Electrolysis. Mass action. Dissociation. Chemical affinity.

Books recommended :

Inorganic Chemistry, Newth, or Introduction to General Inorganic Chemistry by Alexander Smith. Systematic Inorganic Chemistry, Caven and Lander. Introduction to Physical Chemistry, Walker.

For consultation, Elements of Physical Chemistry, Jones; Roscoe and Schorlemmer's Chemistry.

47. Theoretical Chemistry Part 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 must also have attended such portions of the lectures on Mathematics and Physics as the Professor of Chemistry may deem necessary for the better understanding of Advanced Chemistry.

Students for the Honours Degree in Chemistry pay a fee of £18 18s. a year or £6 6s. a term.

Text-books.—Those for the Pass degree, and, in addition, others to which reference will be given by the Professor from time to time.

GEOLOGY AND MINERALOGY.

55. Geology 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:—

- Tarr, Ralph S. *New Physical Geography.*
 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*.
 Derryhouse. *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. *Palaeontology (Invertebrate)*. Camb. Nat. Sc. Manuals. 6s.
 Chapman, F. *Australasian Fossils*.
 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 work accompanying B, C, and D.—Geological sections and map drawing. Field work. Study and determination of Fossil Types: students are expected to devote sufficient time to the study of the fossils available for that purpose in the class-room, so that they may be able to do the palaeontological exercises required of them in the practical work.

Divisions B., C., and D. comprise the Geological lectures given in the first and second, or second and third terms, as may be arranged. 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 not later than 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 first 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 second 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.
 Pirson, 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. PALAEOONTOLOGY.

Text-books :

- Zittel. *Text-book of Palaeontology, Vol. I.* ; or,
 Nicholson and Lydekker. *Manual of Palaeontology, Vol. I.*
 Chapman, F. *Australasian Fossils*
 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*.
 Süssmilch. *Geology of New South Wales*.

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. Students are expected to devote as much time as possible to the practical study of the palaeontological collections which are made available for this purpose.

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 :

- Tutton, A. E. H. *Crystallography and Practical Crystal Measurement*.
 Macmillan & Co.

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. *Manual of Petrographic Methods*. McGraw Hill Book
 Co.
 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 Palaeontology. Honours Degree.

Candidates for the Honours Degree in Geology and Palaeontology 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 Palaeontology 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 elastic 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.
 A Treatise on Ore Deposits: Phillips & Louis. Macmillan.
 Genesis of Ore Deposits: Posepny. New York.

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 Angiosperms recent and fossil.
- In 1915 the lectures will deal especially with Cryptogams.
- 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 and pass such examinations in Chemistry as the Professor of Botany shall deem necessary. It will ordinarily be necessary that the Chemistry be taken before the final year's work in Botany.

Students for the Honours degree in Botany pay a fee of £18 13s. a year, or £6 6s. a term.

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

- (I) 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.

This course will be given in 1915.

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.

This course will be given in 1915.

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.

This course will be given from time to time as occasion demands. It will be taken during the year following the course in Elementary Botany set out under No. 62. It will not be given in 1915.

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 : Principles of Human Physiology, Starling ; Recent Advances in Physiology and Biochemistry (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 nine 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).

Text-book of Microscopic Anatomy, Schäfer. Quain's Anatomy (parts), Vol. II., Part I.)

Monographs on Bio-chemistry (Ed. by Plimmer & Hopkins).

Text book of Physiological Chemistry, Hammarsten.

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 Oenology.

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) *Physiographical 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 and Tectonic Geology.*

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

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, 55 (B).

(e) *Forest Geology.*

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

This course is provided for in the ordinary curriculum, as a section in economic aspects of Geology (56 G).

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. It will not be given in 1915.

71c. Forest Entomology.

The course will be completed in one term; fee, £3 3s.

General insect structure. The detailed anatomy of a typical insect. Development and metamorphosis of insects. Classification of insects with the chief characters of each order. The general principles which tend to increase or to discourage insect attack. Insectivorous birds and mammals, parasitic insects, fungi parasitic on insects; fumigation of nursery stock, insecticides. The general relation of insects to plants.

Forest insects studied in detail under the following heads:—

- (a) Life history of insects and their recognition in various stages.
- (b) Nature and extent of damage, with recognition of the pest by its mode of damage where possible.
- (c) Method of prevention of attack.
- (d) Remedies in cases of attack.
- (e) Measures for extermination.
- (f) Methods of planting, cultivation, and felling of forest crops, pure and mixed, in relation to insect life.
- (g) Insects, as harmful physiologically to growing crops and technically to felled and stored timber.

71d Surveying and Drawing.

This course will be taken at the S.A. School of Mines. Fee for the course, £2 2s.

Location of points, measurement of distances, errors in chaining use of ranging poles, field notes, chain surveying offsets, Measuring angles, theodolite, transit and Y. Use and adjustment Bearing. Cross staff, optical square. Closing survey, adjustment of error, co-ordinates, traverse tables, permissible error. Area by double longitudes. Compass, variation, dip, prismatic compass, traversing, local attraction. Levelling, dumpy and Y levels, use and adjustment, levelling rods, target rods, field notes, bench marks, cross sections, contour lines. Abney level, clinometer, Brunton transit, barometer, plane table. Plotting survey, McBride square, protractor method, offset scales. Conventional signs, areas, Simpson's rule, volumes, prismoidal formula, plotting sections. Miscellaneous problems. Tacheometry, measuring constants, inclined sights, field book. Sextant, use and adjustment, box sextant.

Field work — Complete survey of a small estate, levelling and contouring,

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.*
The Woods and Forests Act, 1882, of South Australia.
- (d) *Forest policy.* Utility of forests. The State in relation to forests. Forest policy in Australia and other countries.
- (e) *Forest transportation and engineering.* The setting out and formation of roads for temporary and permanent use. The construction of bridges over streams and gullies, of gates, sheds and sawmills. Wire rope bridges and tramways. Sawmill machinery.
- (f) *Forest protection.* The pathology of trees. Damage done by animals, plants, frosts, sun, wind, shifting sands, and fire. The Bush Fires Act, 1913, of South Australia. Fungi as harmful physiologically to growing crops, and technically to felled and store 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 once a month a diary and special reports when requested.

The advanced students will engage in work in connection with cultural experiments, general observation and enquiry, more delicate scientific investigation, working plans and other matters as may from time to time be considered advisable.

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.Muelier'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).

Constrained motion. Higher and lower pairing. Relative motion. Instantaneous motion. Virtual centres. Centroides. Kinematic chains. Diagrams of displacement, velocity, and acceleration. Diagrams for simple harmonic motion.

Quadric crank chain. Special forms. Straight line motion. Slider crank chain. Displacement, velocity and acceleration of crosshead. Analytical and graphical methods. Inversion of the chain.

Double slider crank chains. Inversions.

Determination of velocity and acceleration from virtual centres, from point paths, from polar diagrams.

Alterations of mechanisms, change and dead points.

Wheel gearing, simple and compound. Epicyclic gearing.

Cams. Forms for various purposes. Velocity ratio.

Lobed wheels. Roots' blower.

Spheric motion. Hooke's joint.

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

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 or s. 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:—Copper, iron, lime, manganese, and zinc in ores, slags, etc. Assay of gold and silver bullion by dry methods. Assay of gold and silver bullion by Gay Lussac's sodium chloride method and Volhard's thiocyanate method. Arsenic in various materials. Phosphorus in manures, phosphate rock, and basic slag. Antimony and chromium in ores and alloys. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and 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 alkalimetry. Estimation of copper, zinc, lead; analysis of commercial copper and electrolyte from refining works; electrolytic analysis, bullion assays, and estimation of gold and silver.

79. Assaying (iii).

METALLURGY COURSE.

Analyses of iron and steel works' materials and products.

Analyses of furnace gases.

Technical analysis of boiler water.

More difficult analyses of materials named in Assaying II., and those containing tin, bismuth, cadmium, mercury, and other less common elements.

Complete analyses of commercial metals and alloys.

80. Building Construction.

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.

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. Character-

istic 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.

The lectures will be mainly devoted to the following:

The general principles of direct current work and their embodiment in designs of D.C. electrical machinery.

A more detailed consideration of the characteristics and behaviour of dynamos and motors under different conditions of loading and coupling. The supply and distribution of power, dealing in detail with the two and three wire systems, station equipment, balancing devices, batteries, boosters, etc., accumulators, arc and incandescent lighting, tramways, motor control, etc., description of modern generators, switchboards, and power stations.

A.C. work, fundamental laws and principles of single phase currents, laws of combination of resistances capacities and inductances treated algebraically and graphically, the theory and design of A.C. apparatus such as choking coils, transformers, and auto-transformers, polyphase currents, fundamental principles and application to generators, motors, rotary converters, frequency converters, synchronous and induction motors, etc., arrangements and grouping of transformers star and mesh, description of modern polyphase machinery, transmission and distribution of power, long-distance transmissions and line characteristics, special switchboard arrangements, etc., industrial applications.

PRACTICAL WORK.

Characteristics of D.C. dynamos and motors, separately excited, series, shunt, 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, measure-

ment of power, combinations of resistance, capacity, and inductance. Choking coils, transformer characteristics and determination of losses and efficiency by different methods, testing of synchronous and induction motors and rotary converters, synchronising, and the running of machines in parallel.

86. Fitting and Turning (i).

Description of various hand tools, with practical work on the filing of flat surfaces to straight-edge and calipers.

Hammers and hammering.

Description of various chisels used, with practice on the chipping of surfaces, cutting key-ways, fitting keys, etc.

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

Various chucks and devices for chucking.

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

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

Each student should provide himself with the following tools:—One steel rule, 1 x 12; one steel square; one pair calipers, outside; one pair calipers, inside; one centre punch; one pair spring dividers.

The above set may be obtained at the School of Mines on order.

87. Fitting and Turning (ii).

Description and use of the compound slide-rest lathe, for surfacing and screw-cutting.

Methods of calculating change wheels for screw-cutting, etc.

Turning and fitting to exact gauge, scraping surfaces.

The principles of gearing and the cutting of simple gears in the milling machine.

88. Fitting and Turning (iii).

Cutting multiple thread screws and worms in the lathe. Cutting worm wheels, etc., in the milling machine.

Students will be given special work as they show their fitness for it. Finishing, assembling, and erecting machinery to be put to practical use in the workshops or laboratory.

89. 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.

Mathematical Courses numbered 30, 31, and 33 in the Syllabus, must be taken before this Course is entered upon.

Text-books:

Merriman—Elements of Hydraulics.

90. Machine Design (I).

The design of machine parts.

Shafting. Crank shafts, cranks, journals to resist bending and twisting. Couplings, clutches. Keys, riveted joints. Bolts, nuts, screws, studs.

Pipes and pipe connections. Cotters and cotted joints. Bearings and hangers. Roller and ball bearings. Toothed gearing. Friction gearing. Belt and rope gearing. Chains and crane hooks. Springs. Engine parts. Pistons, piston rods, crossheads, guides, connecting rods, eccentrics.

Chimneys, steel and brick. Iron and steel tanks. Thick cylinders.

Text-book: "Machine Design." Spooner.

91. Machine Design (ii).

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. Joule's equivalent. The British thermal unit. Saturated and superheated steam. Steam tables.

THE PRODUCTION OF STEAM.—The plain cylindrical multitubular Cornish, Lancashire, and Galloway boilers. Boiler setting. Boiler fittings. Safety valves. Gauge glasses. Stop valves. Check valve. Fusible plugs. Priming. Heating surface and grate area. Combustion. Smoke, and its prevention. Anthracite and bituminous coals. Oil and gaseous fuels. Evaporative capacity. Boiler horse-power. Efficiency of furnace and boiler. The formation of boiler scale, its prevention and removal. Effects of scale. Chemical treatment of boiler water. Water-tube boilers. Babcock and Wilcox, Heine, Stirling, Belleville, Thornycroft, and Yarrow boilers. Fire-tube boilers. Vertical, locomotive, Scotch and Admiralty boilers. Comparison of water-tube and fire-tube boilers.

THE STEAM ENGINE.—Indicated and brake-horse power. Mechanical efficiency. Description of parts of a simple reciprocating engine, cylinders, pistons, piston packings, stuffing boxes for soft and metallic packings. Cross heads. Piston rods. Connecting rods. Cranks. Crank shafts. Crank shaft bearings. Cylinder lagging. Clearance. Functions of fly-wheel and governor. The eccentric. The simple slide valve. Lap lead and angle of advance. Valve setting. The Meyer valve gear. Relief frames. Double ported valve. Trick valve. Piston valve. Divided valves. The Corliss engine. High speed engines. Reversing gears. Stevenson's link motion. Centrifugal governors. The Watt (open and cross armed), Porter, Hartnell, and Pickering governors.

Jet, surface, atmospheric, and ejector condensers. Cooling towers. Feed water heaters. Feed pumps and injectors. Steam separators and superheaters. Oil filters. Reducing valves. The Richards, Crosby, and Simplex indicators. Comparison of ideal and actual indicator diagrams. Interpretation of indicator diagrams.

THE STEAM TURBINE.—Impulse and reaction. Description of De Laval, Rateau, Curtis, and, Parsons turbines. Comparison of the steam turbine and reciprocating engine.

GAS AND OIL ENGINES.—The Lenoir engine. The Otto cycle. Description of some modern engines using this cycle. The Crossley and Premier engines. Description of the Hornsby-Akroyd and Blackstone oil engines.

The Diesel oil engine. Blackstone crude oil engine.

The petrol engine. Carburettors. Valve timing. Special types. Rotating cylinders. The Gnome engine.

Suction gas producers—National, Hornsby, and Cambridge.

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

Text Book.—“Steam and other Engines.” Duncan.

94. Mechanical Engineering (ii).

THEORETICAL.

Elementary thermo-dynamics. Isothermal and adiabatic expansion of gases. Carnot cycle. Reversibility. The Regenerator. Properties of steam. Theory of the steam engine. Carnot and Rankine cycle. The entropy temperature diagrams. Refrigerating machines.

The testing of steam engines, measurement of power, indicator diagrams. Dynamometers.

Compound expansion. Valve and valve gears. Valve diagrams. Governor. Fly-wheels. Crank effort diagrams. Balancing, primary and secondary.

Text Book.—“The Steam Engine”—Ewing.

PRACTICAL.

An experimental course on the boiler, steam engine, oil engine, and petrol engine.

Oil and petrol engine—

Measurement of fuel, indicated and brake horse-power.

Measurement of calorific value of fuel, making out results.

Boiler and steam engine—

Measurement of coal, fuel, water, indicated horse-power, brake horse-power, condensed water, condensing water.

Calibration of instruments.

Analysis of flue gases.

Working out results of trial runs under a variety of conditions.

Plotting an entropy temperature diagram for a selected trial.

95. Mechanical Engineering (iii).

Flow through orifices and over weirs. Friction in pipes. Loss due to bends, sudden enlargement, and contraction.

Hydraulic machines. Jet pump. Hydraulic pressure engine, separation of water, effective head.

Reciprocating pumps. Separators. Air vessels. Suction and delivery. Worthington pump. Air lift pump.

Pelton wheel. Turbines (impulse and reaction). Geometrical and analytical relations. Regulators.

Centrifugal pumps. Concentric, volute, and whirlpool chambers. Turbine pumps.

Flow of steam through orifices. Impulse turbines, single and many stage. De Laval turbine, critical speed, form of disc for uniform stress. Reaction turbines, many stage, velocity and pressure stages. Practical details of modern steam turbines.

Gas engines. Theory. Four-stroke and two-stroke cycle. Modern large gas engines, arrangement of cylinders.

Humphrey internal combustion pump.

Refrigerating machinery. Cold air machine. Vapour compression machines.

96. Mechanical Engineering (iv).

A combined experimental and lecture course on some branch of mechanical engineering.

97. Metallurgy (I)—Theoretical.

INTRODUCTORY.

DEFINITION AND SCOPE OF METALLURGY.

SLAGS AND FLUXES.—Principle of selection and general properties of chief types.

REFRACTORY MATERIALS.—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.—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. Ores of Iron.—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. The chlorination process. The Cyanide process. Treatment of sands and slimes, Filter-pressing. Pre-

cipitation. Refining and parting gold bullion. Parting by sulphuric acid. Miller's chlorine process.

SILVER.—Physical properties. AgCl and its solvents. Ores of silver. Principles and chief reactions on which the processes for the extraction of silver from its ores are based. Extraction by pan amalgamation. Outlines of the Ziervogel and Augustin process, appliances used.

LEAD.—Physical properties. Ores of lead. 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. Extraction of silver from lead. Furnaces and appliances. Nature and treatment of products. Pattinson's process. Parke's process. Cupellation. 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. Liquefaction. 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 quantity 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.

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. Gaseous fuels. Gas producers. 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 water-jacketted furnaces—working and products. Machines 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. 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. Amalgamated plates. 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. 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 metal usually associated with platinum. Melting and refining.

METALLURGY OF ANTIMONY.

Properties. Impurities in the commercial metal. Liquefaction 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, 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, canvas tables, buddles, etc.

MAGNETIC SEPARATION, flotation, 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.

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:—

A. M. Wellington: Railway Location.

W. H. Mills: Railway Construction.

Crandall & Barnes: Railroad Construction.

Pettigrew & Ravenshear: Manual of Locomotive Engineering.

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 uses 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 measurement 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. Formulae 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.

THE FACULTY OF LAW.

ORDINARY SUBJECTS.

I. LAW OF PROPERTY (Part I.)—(110).

- (a) Principles of the Law of Real and Personal Property.
- (b) Statutes : Nos. 9 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 I., 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	} The parts relating to the special subjects.
Williams' Personal Property	
Strahan and Kenrick—Digest of Equity	

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.

Books of reference :

Salmond's Law of Torts.
 Clerk & Lindsell's Law of Torts.
 Russell on Crimes.

5. LAW OF EVIDENCE AND PROCEDURE—(114).

- (a) Principles of the Law of Evidence.
 Statutes : No. 2 of 1852 ; 24 of 1855, sections 12-21, and 35-42 inclusive ; 13 of 1866 ; 10 of 1869 ; 162 of 1879 ; 245 of 1882 ; 435 of 1888.
 State Laws and Records Recognition Act, 1901 (Fed.).
 (b) Procedure of the Supreme Court.
 Supreme Court Acts, No. 5 of 1853 ; No. 24 of 1855-6 ; No. 3 of 1862 ; No. 8 of 1867 ; and No. 116 of 1878 ; with Rules of Court, 1913
 Intercolonial Debts Act, 1887.
 Creditors' Remedies Act, 1880.
 Service and Execution of Process Acts (Fed.)

Text-books :

- Powell on Evidence (9th edition).
 Stephen's Digest of the Law of Evidence.
 Odgers' Principles of Pleading.
 (c) Procedure of the Local Court.
 Local Courts Act, 1886.

6. CONSTITUTIONAL LAW—(115).

- (a) 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.
Sohn's Institutes of Roman Law, omitting Book II., 2 (Law of Procedure) and Book III. (Family Law and the Law of Inheritance).

Books of reference:

- Hunter's Roman Law.
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 1916.

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 for the Degree of Bachelor of Laws:—

FIRST YEAR.

Latin
Law of Contracts.
One subject included in the B.A. Course.

SECOND YEAR.

Law of Property (Part I.)
Constitutional Law.

THIRD AND FOURTH YEARS.

Law of Property (Part, II.)
Law of Wrongs.
Roman Law.
Private International Law.
Theory of Law and Legislation.
Law of Evidence and Procedure.

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 189.

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.

1. 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.****4. 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 & Dixon'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 : 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 : Husband.

136. Insanity.

Fee for the course, £1 8s.

Mental physiology and its relation to mental disease.

The causes of insanity and feeble-mindedness. General symptomatology.

Clinical Insanity : its aetiology, varieties, pathology, diagnosis, prognosis, and treatment.

Certification of 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.

(b) 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 the 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.).

GYNÆCOLOGY.—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—nitrication. *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's theory of discord.

Theory of musical instruments. Vibration of stretched string or wire, stringed instruments; vibration of air-column, wind instruments; vibration of rods, the tuning-fork; vibration of plates and membranes.

Text-book recommended:

T. F. Harris: Handbook of Acoustics.

151. HARMONY.

All details of usual notation—Ear tests—All harmonic combinations usual in part writing of not more than four parts.

The addition of not more than three parts to a figured bass. The harmonization of melodies in not more than four parts, i.e. by the addition of not more than three other parts.

152. COUNTERPOINT.

Simple counterpoint. All species in not more than four parts.

Text books recommended:

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.

{ DOUBLE COUNTERPOINT at the octave, tenth and twelfth.

158. } 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 Hölmholtz'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 1915 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.

163. VIOLIN PLAYING.

- Studies*—Krentzer, 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 :—

Weber—Der Freischütz.

Beethoven—String Quartet in C minor, Op. 18, No. 4.

Wagner—Overture to “Die Meistersinger.”

Books of reference recommended :

Prout's “Fugue.”

Prout's “Applied Forms.”

Prout's “The Orchestra.”

Berlioz's “Instrumentation.”

The articles on “Opera,” “Oratorio,” “Sonata,” “Suite,” “Symphony,” “Working out,” and “Variations” in Grove's Dictionary of Music.

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 243 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, only candidates who were qualified to sit for a former examination in the same subject shall be allowed to present themselves for such supplementary examination.
- III. Candidates shall enter at least one month before the date fixed for the examination, and must present certificates showing that they have attended the prescribed lectures, and have done written or other work (if required) to the satisfaction of the Professors and Lecturers.
- *III.A. Candidates who have passed the prescribed examinations shall be awarded the Diploma, and shall be designated Associates in Commerce of the University of Adelaide.
- ‡IV. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance :—

* Allowed 1st April, 1902.

‡ Allowed 9th January, 1913.

	For Lectures.		For an Ordinary Examination.	
	£	s. d.	£	s. d.
1. Business Practice... ..	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.

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 21st December, 1910

Allowed 12th December, 1907.

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

DIPLOMA IN COMMERCE.

I. 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. The course will be continued in 1915.

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.

Lecturers—PROFESSOR MITCHELL and MR. HAM.

The course in Economics consists of about 50 lectures, extends over five terms, and begins every other year. It will begin in 1915.

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).

Official Year Book of the Commonwealth No. 7 (1914).

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. 7 (1914).

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 1916. Fee, 10s. 6d. per term. It will deal with the following, *inter alia* :

Money and credit as the media of exchange. Functions and attributes of money. Conditions which justify paper money. The single standard of value. The coinage. Forms and requisites of cheques, bills of exchange, and other instruments of credit and the rights and liabilities of all parties thereto. The foreign exchanges. The supply of gold in relation to prices. Origin and development of banking. Constitution of present-day banks. The Bank of England. English banking and gold reserves. European banking and note systems. Distinctive features of Scottish, United States, Canadian, and Australian banking systems. Laws affecting bankers and their customers. Financial crises. Government borrowing, its justification and limitations. Government regulation or control of banking in various countries.

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 not be given in 1915.

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.

Howarth, O. J. R. *Commercial geography of the world.* Clar. Pr. 2s. 6d.

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 :—

1915—Business Practice, Accountancy II., Commercial Law, Economics I.

1916—Accountancy I., Economics II., Banking, Geography

1917—Same as in 1915.

1918—Same as in 1916.

2. The following is the order in which students are recommended to take up the subjects of the course according to the year in which they enter upon it:

(a) If they began in 1914 :

1914—Accountancy I., Banking (or Geography).

1915—Accountancy II., Economics I.

1916—Economics II, Geography (or Banking).

1917—Business Practice, Commercial Law.

(b) 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).

(c) If they begin in 1916 :

1916—Accountancy I., Banking (or Geography).

1917—Accountancy II., Economics I.

1918—Economics II., Geography (or Banking).

1919—Business Practice, Commercial Law.

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. 271), 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 1915:—

Three Lectures by Professor Henderson on "Shakespeare's Home and Home Land"; three by Dr. J. C. Verco, on "Romance in Medicine"; and three by Professor Rennie, on "The Complexity of apparent Simplicity in Chemistry."

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 closing 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 *Statuta Universitatis Oxoniensis* which may be consulted on application to the Registrar.

OXFORD.

ADELAIDE, UNIVERSITY OF.

[1]

That any member of the University of Adelaide who shall have passed the Final Examination of that University either for the Degree of Bachelor of Arts or for the Degree of Bachelor of Science, and shall have obtained Honours in one or more subjects at such Examination, shall be deemed to have taken Honours as required by the provisions of *Statt. Tit. II. Sect. VIII. cl. 5.* (2) *October 22, 1903.*

[2]

That any member of the University of Adelaide who shall have passed the Senior Public Examination at that University for the Degree of Bachelor of Arts, and shall at such Examination have satisfied the Examiners in Greek, shall be deemed to have shown a sufficient knowledge of Greek as required by the provisions of *Statt. Tit. II. Sect. VIII. cl. 12.* (4) *October 22, 1903.*

RECOGNITION OF UNIVERSITY BY TRINITY COLLEGE, DUBLIN.

ARTS.

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

MEDICINE.

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

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

RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON.

The Institution of Civil Engineers has decided to 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 79.

The Scholarship will be offered in June, 1916, and should the Scholarship not be awarded, it will again be offered in June, 1917.

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

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.
1914	Potts, William Andrew, B.E.

The following form of notice is prescribed :—

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

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

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

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

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

Signature of Candidate

Address of Candidate

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

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

Signature of Candidate

The Angas Engineering Exhibitions.

These Exhibitions are of the value of £40 per annum, tenable for three years by undergraduates in Science. For conditions see Statutes, Chapter XIII., "Of the Angas Engineering Scholarship and the Angas Engineering Exhibitions, Sections 11 to 17 inclusive, page 80.

An examination for one Exhibition will be held in November, 1915.

For form of notice by candidate of intention to compete for an Angas Engineering Exhibition, see page 254.

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1915:—

- | | |
|---|---|
| 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 from 1904.

- 1910 Yates, Donald (resigned)
- 1911 Yates, Donald
- 1912 Tuck, Harry Playford
- 1913 Jose, Wilfrid Oswald
- 1914 Strempel, Herbert Walter

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 83.

Awards.

For previous awards, see Calendars from 1904.

1910	Hardy, Mabel Phyllis
1911	Jones, Louisa Lorrie
1912	Not awarded
1913	Williams. Gwenneth
1914	Mann, Gertrude Irene

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 89.

Awards.

For previous awards, see Calendars from 1904.

- 1910 { Allen, Eleanor Beatrice } equal
 { Stevens, Aubrey }
 1911 Giles, Harold.
 1912 { Blair, Euphemia Theodosia } equal
 { Ward, Cyril Michael, B.A. }
 1913 Williams, Francis Edgar
 1914 { Bagot, Edward Mead } equal
 { Burgess, Frederick Martin }

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 84.

Awards.

For previous awards, see Calendars from 1904.

- 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
 1914 { Kerr, Donald
 { Moulden, Arnold Meredith
 { Ross, Dudley Bruce

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 the Faculty of Medicine the Council, at his death in 1897, resolved to continue the Prizes. They are of the value of £10 each and are awarded to the best students in the first and second years of the M.B. Course who are placed in the First Class.

Awards.

For previous awards see Calendars from 1898.

- 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 }
 1914 { Pryor, William Arthur (First year)
 { Gillen, John Besley (Second year)

The Dr. Davies-Thomas Scholarships.

These two Scholarships of the value of £10 each were founded by Mrs. Davies-Thomas in memory of the late Dr. Davies-Thomas, Lecturer in the Principles and Practice of Medicine and Therapeutics at the University.

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

For conditions see Statutes Chapter XXI. "Of the Dr. Davies-Thomas scholarships," page 89.

Awards.

For previous awards see Calendars from 1911.

1910	{	Florey, Hilda Josephine (Third year)	
		Not awarded (Fourth year)	
1911	{	LeMessurier, Frederick Neill	} equal (Third year)
		Verco, Joseph Stanley	
	{	Rennie, Henry Charles Cadell	} equal (Fourth year)
		Florey, Hilda Josephine	
1912	{	Haste, Reginald Arthur, B.Sc.	} equal (Third year)
		Turner, Charles Trevor	
		Verco, Joseph Stanley (Fourth year)	
1913	{	Rice, Patrick William (Third year)	} equal (Fourth year)
		Haste, Reginald Arthur, B.Sc.	
		Turner, Charles Trevor	
1914	{	Plotz, Oscar Arnold	} equal (Third year)
		Southwood, Albert Ray	
	{	Jose, Ivan Bede	} equal (Fourth year)
		Rice, Patrick William	

The Everard Scholarship.

This Scholarship, founded by the late William Everard, is of the value of £30, and is awarded to the student who is placed first in the Class List of the Final Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions see Statutes Chapter XVIIA. "Of the Everard Scholarship," page 86.

Awards.

For previous awards, see Calendars from 1904.

- 1910 Jones, Edmund Britten.
- 1911 Kneebone, John LeMessurier.
- 1912 Rennie, Henry Charles Cadell.
- 1913 Verco, Joseph Stanley.
- 1914 Not awarded.

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 the B.A., B.Sc., B.E., LL.B., M B., or Mus. Bac. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 90.

Awards.

For previous awards see Calendars from 1911.

- 1910 { Dunstan, John Leonard (resigned).
Bean, Edgar Layton.
- 1911 Morey, Alan Wilson.
- 1912 Burgess, Frederick Martin
- 1913 Pomroy, Harry Roy
- 1914 Cooper, Donald Counter

**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 85.

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 96.

Awards.

For previous awards, see Calendar for 1913.

- 1911 Jackson, Sarah Elizabeth.
 1912 { Ledger, Gladys May (resigned).
 { Williams, Gweuneth.
 1913 Hardy, Mabel Phyllis.
 1914 Oldham, Wilfrid
-

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 97.

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

A sum of £25 is available for 1915. This is offered in two prizes of £12 10s. ; one for the best essay on (a) "Appreciation of Literary Style"; 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 1908. 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 14th of October, 1915.

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 Calendars from 1913.

1912	<table> <tr> <td>ARTS—CLASSICS—Proud, Millicent Farrer</td> <td rowspan="2">} Griffiths, Thomas Lester</td> <td rowspan="2">} equal</td> </tr> <tr> <td>LAW { Private Inter- national Law</td> <td>Hannan, Albert James, B.A.</td> </tr> </table>	ARTS—CLASSICS—Proud, Millicent Farrer	} Griffiths, Thomas Lester	} equal	LAW { Private Inter- national Law	Hannan, Albert James, B.A.						
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LAW { Private Inter- national Law			Hannan, Albert James, B.A.									
1913	<table> <tr> <td>ARTS { CLASSICS—Bean, Edgar Layton</td> <td rowspan="2">} Griffiths, Thomas Lester</td> <td rowspan="2">}</td> </tr> <tr> <td>PHILOSOPHY—Stevens, Aubrey Clement, B.A.</td> </tr> <tr> <td>SCIENCE—Chemistry—Dawkins, Alfred Ernest, B.Sc.</td> <td></td> <td></td> </tr> <tr> <td>LAW { Roman Law—</td> <td rowspan="2">} Griffiths, Thomas Lester</td> <td rowspan="2">}</td> </tr> <tr> <td>Theory of Law and Legislation—Moody, Harold Eric</td> </tr> </table>	ARTS { CLASSICS—Bean, Edgar Layton	} Griffiths, Thomas Lester	}	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
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LAW { Roman Law—	} Griffiths, Thomas Lester	}										
Theory of Law and Legislation—Moody, Harold Eric												
1914	<table> <tr> <td>ARTS { CLASSICS—Williams, Francis Edgar</td> <td rowspan="2">} Jackson, Sarah Elizabeth, B.A.</td> <td rowspan="2">}</td> </tr> <tr> <td>(ESSAY)—</td> </tr> <tr> <td>SCIENCE—Chemistry—Stephens, Eric Goyne</td> <td></td> <td></td> </tr> <tr> <td>LAW—Private International Law—Moulden, Arnold Meredith</td> <td></td> <td></td> </tr> </table>	ARTS { CLASSICS—Williams, Francis Edgar	} Jackson, Sarah Elizabeth, B.A.	}	(ESSAY)—	SCIENCE—Chemistry—Stephens, Eric Goyne			LAW—Private International Law—Moulden, Arnold Meredith			
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(ESSAY)—												
SCIENCE—Chemistry—Stephens, Eric Goyne												
LAW—Private International Law—Moulden, Arnold Meredith												

The Lowrie Scholarships.

These Scholarships, of the value of £75 each, were founded by an anonymous donor.

For conditions, see Statutes, Chapter XXXIII., page 98.

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 101.

Awards

(BY UNIVERSITY).

- 1913 { Mengerson, Norman Victor (Prince Alfred College).
 { Wright, Sydney Charles (Muirden College).
- 1914 { Beasley, Muriel Estelle (Muirden College)
 { Zowe, Ivy Beatrice (Adelaide High School)

The John Bagot Botany Scholarship and Medal.

This Scholarship, founded by Mrs. John Bagot in memory of her husband, provides exemption from fees in the Botanical Department for one year, to be extended over a second should the conduct of the student be satisfactory. Should it be awarded to a student already entitled to exemption from such fees, it shall be awarded in books, instruments, or cash, at the option of the student, to the value of £20.

For conditions see Statutes, Chapter XXXIV., page 100.

Awards.

1913—Rennie, Harriet Alison.

1914—Smith, Marjorie Florence (Medallist—Resigned Scholarship).

Poynton, Mary Mabel (awarded Scholarship).

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
 1914—Somerville, Sesca Lewin
-

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 } equal
 { Williams, Francis Edgar } equal
 1912 { Burdon, Roy Stanley } equal
 { Dorsch, Ernst Georg } equal
 1913 Burgess, Frederick Martin
 1914 Burns, Leonard James
-

The Bunday Prize for English Verse.

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

For conditions see Statutes, Chapter XXXV., page 101.

The subject for the poem for 1915 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 Calendars from 1913.

- 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
- 1915 Williams, Francis Edgar, B.A.

The Tennyson Medals.

Awards—1914.

Higher Public—Buttrose, Ian (St. Peter's Collegiate School	}	Adelaide
Senior Public—Ballinger, Claude Joseph		
Junior Public—Clarke, Annie Winifred			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 94.

Awards.

For previous awards, see Calendars from 1913.

1910	Not awarded.
1911	Wauchope, James George Neilson.
1912	} Not awarded.
1913	
1914	Ponder, Gilbert Walter Graham

The Alexander Clark Memorial Prize.

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

For conditions see Statutes, Chapter XXXVII., page 103.

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 respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro Grand Master, or (failing him) the Deputy Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such Scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the Scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia, shall be accepted by the said University as sufficient evidence as well of the right of the person by whom any such Certificate shall purport to be

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 from 1898).

OPEN BURSARIES.

1913	{	Jones. Brynmore Beveridge (Medicine)
		Beaumont, Paul Charles (Arts)
		Hurst, Walter William (Science)
		Somerville, Sescia 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)

OPEN BURSARIES.

1914	{	Cooper, Donald Counter (Medicine)
		Power, John Leslie (Arts)
		Buttrose, Ian (Law)
		Colman, William Russell Goodwin (Engineering)
		Leaver, Graham Holland (Engineering)
		Rayner, Howard Luscombe (Medicine).

RESTRICTED BURSARIES.

1914	{	Rieger, Clarence Oscar Ferrero (Medicine)
		Streich, Carl Ivo (Medicine)
		Davey, Roy Herbert (Law)
		Hawken, Doris Marguerite (Arts)
		Symonds, George Burnett Lionel (Arts)
		Phillips, Zoe Somerset (Science).

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 1915.

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, 1912.

Awards.

1903 Gartrell, Herbert William, B.A., B.Sc.

1904 Basedow, Herbert.

1905 Not awarded.

1906 } No candidates.
1907 }

1908 Stanley, Evan Richard

1909-10-11-12-13-14 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) :—

- 1904.—“Commercial Education,” by Henry Gyles Turner, Esq.
 1906.—“Commercial Character,” by L. A. Jessop, Esq.
 1908.—“The Influence of Commerce on Civilization,” by J. Currie Elles, Esq.
 1910.—“Banking as a Factor in the Development of Trade and Commerce,” by J. Russell French, Esq.
 1912.—“Australian Company Law; and some sidelights on Modern Commerce,” by H. Y. Braddon, Esq.
 1914.—“Problems of Transportation, and their relation to Australian Trade and Commerce,” by the Hon. D. J. Gordon, M.L.C.

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 $6\frac{1}{2}$ 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, Mr. W. G. T. Goodman, Mr. S. Talbot Smith, Professor Henderson, Professor H. Darnley Naylor, and three representatives of the Sports' Association. Chas. R. Hodge, Hon. Secretary.

The University Shakspeare Society.

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

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

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

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

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

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

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. H. Paynter, M.A.

Hon. Secretary, W. J. Price, B.A.

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 G. Ponder.

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 1915.

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 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 two guineas in the annual fees 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 :—

Opera Class	}	...	Per Term. £0 10 6	Per Annum; £1 11 6
Elocution				
French				
German				
Italian	}			

- 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	}	each	1 1 0	3 3 0
French				
German				
Italian				

* Allowed 6th August, 1914.

- 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, 1915.

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 | } | In not more than four parts. |
| Counterpoint | | |
| Canon and Fugue | | |
| 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 1915.

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 G major (No. 22, new Bülow Edition).

Czerny : Op. 299, No. 8.

Bach : Prelude and Fugue in F sharp major, from the first part of the "48."

Beethoven : Sonata in F, Op. 10, No. 2 (the whole work).

Schubert : Impromptu in A flat, Op. 90, No. 4.

Chopin : Mazurka, Op. 33, No. 4, in B minor.

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.

Guilman: 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. 5.
 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, No. 4.
 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 (Best's 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 A flat, from the second part of the "48."

Beethoven : Sonata in E flat, Op. 31, No. 3.

Chopin : Ballade in F major, Op. 38.

Etude in C sharp minor, Op. 10, No. 4.

Weber : Polacca in E, Op. 72.

Schubert-Liszt : Shakspeare's Serenade.

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: Prelude and Fugue in G major (Vol I., Augener's edition).
 Lemmers: Sonata Pascale (Novello).
 Smart: Postlude in D.
 Mendelssohn: Sonata No. 6.
 Widor: Symphony (No. 5, in F), Second movement.

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 Technica 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^{flat}.

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, 1904.

AWARDS.

For previous Awards see Calendars from 1908.

- | | | | |
|------|---|----------------------------------|------------------|
| 1912 | } | Bampton, Alfred John (Organ) | |
| | | Chaplin, Erica Rita Ina (Violin) | |
| | | Day, Florence Muriel | } (Singing) |
| | | Fischer, Jack | |
| 1913 | } | McLeay, Lena (Pianoforte) | |
| | | Killicoat, Harry Ormonde | } equal (Violin) |
| | | Mewkill, Paula Mara | |
| 1914 | } | Martin, Leslie Robert (Singing) | |
| | | Sara, Lily Emmaline (Pianoforte) | |

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.

RULES.

1. The Scholarship shall be called the "Brookman Scholarship."
2. The Scholarship shall be of the annual value of £30, tenable for three years, subject to the provisions contained in Clause 6. The holder shall be required to enter the Elder Conservatorium and to study there the Principal Subject for which the Scholarship shall have been awarded to him, together with such Secondary Subjects as may be approved by the Director. He shall also pay the proper fees.
3. Candidates for the Scholarship may present themselves in any one of the following Principal Subjects—Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct.
4. Candidates in Pianoforte, Violin, Organ, or Violoncello must not be more than eighteen years of age, and Candidates in Singing not more than twenty-four years of age, on the first day of March in any year in which the Scholarship is offered.
5. Should no Candidate at any examination show sufficient merit, the Scholarship shall lapse for the period of one year, after which it shall be offered afresh.
6. Every holder of the Scholarship shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music. If he fails to pass the Examination proper to his year he shall forthwith forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A student who may, in the opinion of the Council, be guilty of misconduct, shall be required to forfeit the Scholarship for the remaining portion of the term of three years.
7. Payment of the Scholarship shall be made in four equal instalments, one at the end of each term.
8. The Scholarship shall be offered for competition in the March next following its expiration of tenure, either by effluxion of time, resignation, or forfeiture.
9. These Rules may be varied from time to time, but the title and purpose of the Scholarship shall not be changed.

Made by Council, 28th August, 1914.

AWARDS.

- 1913—Bottrill, Mary Sophie Sunbeam (Singing). (Resigned).
 1914—Gill, Hilda Beatrice.

THE ROBERT WHINHAM PRIZE FOR ELOCUTION.

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The Prize shall be called the "Robert Whinham Prize."
2. The Prize shall be of the annual value of £5, and shall be offered at a special examination in the third term of each year.
3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The Prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the Examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.
5. Candidates shall be examined in the following subjects :
 - (i.) Reciting
 - (ii.) Reading at sight
 - (iii.) Prepared Reading, or
Prepared Speaking (at the option of the candidate).
6. These rules may be varied from time to time by the Council.

Made by Council 30th October, 1914.

AWARDS.

For previous awards see Calendars for 1911 and 1913.

1912	Twelftree, Flossie Ada
1913	Exton, Doroth Caroline
1914	{ Lucas, Hylda Alice
	{ Taylor, Walter Leslie Frank

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1915.

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 1914 are published in
the Pamphlet issued by the Public Examinations Board.*

PUBLIC EXAMINATIONS BOARD and PUBLIC EXAMINATIONS COMMITTEE, 1915.

THE BOARD.

Professor Chapman (Chairman)	Mr. E. V. Clark
Professor Brown	Dr. W. T. Cooke
Professor Kerr Grant	Mr. W. Fuller
Professor Henderson	Mr. H. W. Gartrell
Professor Mitchell	Mr. W. Howchin
Professor Naylor	Dr. Mawson
Professor Osborn	Dr. Schulz
Professor Rennie	Mr. J. R. Fowler
Professor Stirling	

THE COMMITTEE.

The members of the Board and, in addition :—

Rev. Canon Girdlestone	Mr. W. J. Adey
Mr. W. R. Bayley	Rev. D. G. Purton
Mr. R. G. Jacomb-Hood	Mr. W. Muirden
Miss M. E. Patchell	

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 30.

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.

*I. 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 | (5) Greek |
| (2) Arithmetic | (6) Latin |
| (3) Geography of the
British Isles and
Australasia | (7) French |
| (4) English History | (8) German |
| | (9) Algebra |
| | (10) Geometry |
| | (11) Drawing, or
Theory of Music. |

- 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, 1915.

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. The words for spelling and meaning will be taken from Byard's *Essential Spelling* (G. Hassell & Son. 6d.).
- (d) REPETITION. Extracts from Collins, Drayton, Scott, Tennyson, and Wordsworth, as given in *The laureate poetry book*, V (Arnold. 2d.)

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*. 1s. 6d.). 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.
Taylor, G. *New geography of Australia*. (Clar. Pr. 1s. 6d.).

4. ENGLISH HISTORY.

Tout, T. F. *First book of English history*. (Longmans' *Hist. ser. for schools*, bk. 1. 2s. 6d.)

5. GREEK.

Underhill, H. G. *Easy exercises in Greek accidence* (Macmillan. 2s.), exercises i-xviii. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (Murray. 6d. net).

6. LATIN.

Longmans' *Latin course*, pt. 1. (Longmans. 1s. 6d.) Teachers are recommended to use the terminology of Sonnenschein's *New Latin grammar* (Clar. Pr. 2s. 6d.).

7. FRENCH.

A written paper on the following syllabus:

- (a) Moore, J. M., and Donaldson, J. *Intermediate French course*, pt. 1

(*Blackie. 1s. net.*) Teachers are recommended to use the terminology of Sonnenschein's *New French grammar* (*Clas. Pr. 2s 6d.*).

- (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 1915 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. 1s 6d.*), pp. 1-77. Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (*Murray. 6d. 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 1915 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. 1s.*), 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.

11a. 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. 1s)

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.

11b. MUSIC.

The Board does not examine in this subject, but candidates are required to pass, at the May examination of the current year, in Grade III of the Public Examinations in Music held by the Universities of Melbourne, Adelaide, Tasmania, Queensland, and Western Australia.

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 | (9) Algebra |
| (2) English History | (10) Geometry |
| (3) Geography | (11) Physics |
| (4) Greek | (12) Inorganic Chemistry |
| (5) Latin | (13) Physiology |
| (6) French | (14) Botany |
| (7) German | (15) Drawing or |
| (8) Arithmetic | 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, 1915.

1. ENGLISH LITERATURE.

- (a) *The storied past* (Arnold's *Literary reading books*, 1s. 6d.); with repetition of 'The Ballad of Agincourt', 'The Fall of Wolsey', 'Armada,' 'After Blenheim', 'Eve of Waterloo,' and 'Vision of the Future'.
- (b) Grammar: Exercises in parsing and analysis.
- (c) Composition: Exercises on such topics as are dealt with in Arnold's *Shilling English composition*, ch. i-xii.

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. 3s. 6d.)

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 :

- Young, E. *Rational geography*, pt. 1 (from ch. xi to end of book), pt. 2 (omitting ch. i-vi), and pt. 3 (Asia only). (*Philip*. 1s. 6d. each).
- (b) Howchin, W. *Geography of South Australia* (Whitcombe and Tombs. 3s. 6d.): pts. 1, 3, and 4.

4. GREEK.

(a) Grammar.

Rutherford, W. G. *First Greek accidence*. (Macmillan. 2s.). Teachers are asked to adopt the terminology recommended by the joint Committee on Grammatical Terminology: *On the terminology of grammar* (Murray 6d. net).

Naylor, H. D. *Short parallel syntax of Latin and Greek*. (G. Hassell & Son 1s. 3d.) 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 *F. H. Colson's Stories and legends: a first Greek reader* (Macmillan. 3s.). 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. 2s. 6d.), is suggested. Sonnenschein's *new Latin grammar* (Clar. Pr. 2s. 6d.) 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. 1s. 3d.) 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. 1s. 6d.) 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. 2s. 6d.)

(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. 1s. 3d.). 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 1915 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. 6d. 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. 1s. 6d.).* 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 1915 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. 2s. 6d.)

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*. 2s. 6d.), and the corresponding portions of Gregory and Hadley's *Class book of physics*, pts. 1-3 (*Macmillan*. 2s.).

(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*. 2s. 6d.)

13. PHYSIOLOGY.

Text-book recommended :

Foster and Shore. *Physiology for beginners.* (*Macmillan*. 2s. 6d.)

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.

*15a. DRAWING.

- i. First Grade Model (Fee for examination, 2s.).

(N. B. - If suitable arrangements cannot be made at a local centre for holding the examination in First Grade Model, the candidates who have entered at that centre will be required to present themselves at Adelaide or at some approved centre).

- ii. Intermediate Geometry (Fee, 3s.)

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. 1s.)

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.

15b. 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, Queensland, and Western Australia 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 | (9) Trigonometry |
| (2) Modern History or
Ancient History | (10) Physics |
| (3) Greek | (11) Inorganic Chemistry |
| (4) Latin | (12) Physiology |
| (5) French | (13) Botany |
| (6) German | (14) Physical Geography and
Geology |
| (7) Arithmetic and
Algebra | (15) Drawing or
Theory of Music. |
| (8) Geometry | |

†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, 1915, AND MARCH, 1916.

1. ENGLISH LITERATURE.

- (a) Shakespeare. *Macbeth*, ed. by E. K. Chambers. (Warwick Shakespeare. 1s.)
- (b) Ruskin's *Sesame and lilies* (Blackie's English texts. 6d.)
- (c) Smith, J. C. *Book of verse*, bk. 3, section 2 (Clar. Pr. 8d.); with repetition of 'The Rime of the Ancient Mariner.'
- (d) Composition: Exercises on the topics dealt with in Arnold's *Shilling English Composition*, and E. J. Kenny's *Exercises in composition*, bk. 3, (Arnold 4d.).

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. 4s.)

(b) ANCIENT HISTORY.

Shuckburgh, E. S. *History of Rome for beginners* (Macmillan. 3s. 6d.), ch. xi-xxi.

Oman, C. W. C. *History of Greece*, 8th ed. (Longmans. 4s. 6d.), ch. xxvii-xxxiv.

3. GREEK.

(a) Grammar.

Rutherford, W. G. *First Greek accidence*. (Macmillan. 2s.)
 Teachers are asked to adopt the terminology recommended by the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (Murray. 6d. net).

Naylor, H. D. *Short parallel syntax of Latin and Greek*. (G. Hassell & Son. 1s. 3d.) 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) Xenophon. *Memorabilia, book I*; ed. by G. M. Edwards. (Pitt pr. 2s. 6d.)

Euripides. *Alcestis*; ed. by E. H. Blakeney (Bell's Ill. class. 2s.) omitting the choruses.

4. LATIN.

(a) Grammar. Teachers are asked to adopt the terminology used in Sonnenschein's *New Latin grammar* (Clar. Pr. 2s. 6d.). Sentences will be set on the subject-matter of Naylor's *Short parallel syntax of Latin and Greek*. (G. Hassell & Son. 1s. 3d.)

(b) Prose composition.

(c) Passages for translation from unprepared books.

(d) Cicero. *De Senectute*; ed. by E. S. Shuckburgh (Macmillan's *Elem. class.* 1s. 6d.); omitting ch. xiv. and xv.

Ovid. *Selections*; ed. by G. Yeld. (Arnold's *Latin texts.* 8d.)

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. 6d.).

(b) Prose composition.

(c) Passages for translation from unprepared books.

(d) Bourget, Paul. *Un Saint*. (Macmillan. 2s. 6d.)

Sevigny, Madame de. *Select Letters*. (Blackie's *Little French class.* 4d.)

Barbe, L. A. *Longer poems for recitation*. (Blackie's *Little French class.* 4d.)

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 1915 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. 6d. net).*
- (b) Prose composition.
- (c) Passages for translation from unprepared books.
- (d) Wake, R. and Brechtel, E. *Germany in story and song.* (*Blackie. 2s. net.*)

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 1915 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 parallelepipeds, 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. 4s.)

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. 3s. 6d.), ch. i—xii, xiv.

Playne and Fawdry. *Practical trigonometry.* (Arnold. 2s 6d.)

10. PHYSICS.

(a) THEORETICAL WORK.

Heat, light, sound, magnetism, and electricity, as contained in Wright's *Elementary physics.* (Longmans. 2s. 6d.) 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 experiments 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 electro-magnet.

The following books may be consulted:

- Glazebrook, R. T. *Heat.* (*Camb. Univ. Pr.* 3s.)
 Hadley, H. E. *Magnetism and electricity for beginners.* (*Macmillan.* 2s. 6d.)
 Black, N. H., and Davis, H. N. *Practical physics for secondary schools.* (*Macmillan.* 5s. 6d. net).

11. INORGANIC CHEMISTRY.

Text-book recommended:

- Fisher, W. W. *Class book of elementary chemistry, 5th ed. Clar. Pr.* 4s. 6d.), omitting ch. xxx-xxxiv.

12. PHYSIOLOGY.

Text-book recommended:

- Hill, L. *Manual of human physiology.* (*Arnold.* 6s.) 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, Leguminosae, 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 microscopical 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*.

*15a. 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.)

(N.B.—If suitable arrangements cannot be made at a local centre for holding the examination in Second Grade Model, the candidates who have entered at that centre will be required to present themselves at Adelaide or at some approved centre.

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.

15b. 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 and Western Australia 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, 1915.

N.B.—In this examination the information required for answering every question may not be found in the text-books.

I. ENGLISH LITERATURE.

- (a) Shakespeare. *Macbeth*; ed. by E. K. Chambers. (Warwick Shakespeare. 1s).

- (b) Peacock, W. *Selected English essays*. (World's class. 1s. net.)
 (c) Macaulay. *History of England*, ch. iii; ed. by Bowley. (Clar. pr. 2s. 6d.)
 (d) Milton. *Shorter poems*; ed. by G. B. Sellon (Blackie); with repetition of 'Lycidas.'
 (e) Raleigh, Sir W. *Style*. (Arnold. 5s. net)

2. MODERN HISTORY.

- Gardiner, S. R. *Students' history of England*, vol. III, 1689-1910. (Longmans. 4s.)
 Jose, A. W. *History of Australasia*, 5th ed. (Angus and Robertson. 3s. 6d. net.)

3. ANCIENT HISTORY.

- Cox, G. W. *Athenian empire from the flight of Xerxes to the fall of Athens*. (Longmans. 2s. 6d.)
 Merivale, C. *Roman triumvirates, B.C. 78-B.C. 31*. (Longmans. 2s. 6d.)
 Thucydides. *Book VII*.
 Livy. *Book XXVII*; ed. H M Stephenson. (Pitt Pr. 2s. 6d.)

4. GREEK.

(a) Grammar.

Naylor, H. D. *Short parallel syntax of Latin and Greek*. (G. Hassell & Son. 1s. 3d.) Teachers are asked to adopt the recommendations of the Joint Committee on Grammatical Terminology: *On the terminology of grammar* (Murray. 6d. 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. Hassell & Son. 1s. 3d.) Teachers are asked to adopt the terminology used in Sonnenschein's *New Latin grammar* (Clar. Pr. 2s. 6d.).

- (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.* 2s. 6d.).
- (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.* 6d. 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*, 4s. 6d.)

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.* 4s. 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.* 4s. 6d.)

Grant, K. *Syllabus of lectures in 1st year physics at the University of Adelaide.* (*Grant,* 3s.)

Either one of the following books is recommended for consultation in conjunction with this syllabus :

Watson, W. *Intermediate physics.* (*Longmans.* 6s. net.)

Watson, W. *Text-book of physics.* (*Longmans.* 10s. 6d.)

[The latter book is the text-book for 2nd year physics in the University of Adelaide.]

(b) PRACTICAL. Candidates will be required to submit note-books in which have been recorded results and explanations of a course of systematic practical work equivalent to that required for the first year's Physics course in the University of Adelaide; 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 candidates will not be allowed to pass. 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 headmaster. 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. [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.

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.

* Forms of certificate to be attached to the note-books may be obtained at the University.

Marshall, A. M. *The frog: ed. by F. W. Gamble. (Macmillan. 5s.)*

Schäfer, E. A. *Essentials of histology (Longmans. 10s. 6d. net),* so far as it refers to the histology specified.

Candidates should also consult Huxley and Martin's *Practical biology (Macmillan. 10s. 6d.)*, and Dendy and Lucas's *Introduction to the study of botany (Melville and Mullen. 6s.)*.

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 Peltia, 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 *Experiments with plants* and in Stevens's *Introduction to botany*, but it is not intended to restrict the freedom of the teacher in selecting or devising experiments. It is, however, advisable

* Forms of certificate to be attached to the note-books may be obtained at the University.

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. 3s. 6d.)
 Scott, D. H. *Introduction to structural botany*, 2 vols. (Black. 7s.)

Books 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.)
 Osterhout, W. J. V. *Experiments with plants*. (Macmillan. 5s. net.)
 Strasburger *Text-book of botany*; ed. by W. H. Lang. (Macmillan. 13s.)

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. 6s.)
 Schäfer, E. A. *Essentials of histology*. (Longmans. 10s. 6d. 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. 3s. 6d.)
 Howchin, W. *Geography of South Australia.* (Whitcombe and
 Tombs. 3s. 6d.); *introduction, Pt. 2* (fauna and flora excepted),
Pt. 4. and appendix.
 Watts, W. W. *Geology for beginners.* (Macmillan. 2s. 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
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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
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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,
1915.

N.B.—In all subjects of this examination the examiners will pay especial attention to the spelling and handwriting of the candidates.

I. 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. 2s. 6d.)
 Grant and Hill. *Commercial arithmetic*. (Longmans. 3s. 6d.)

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.
 Lyde, L. W. *Short commercial geography*. (Black. 3s.)
- (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 PRÉCIS 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. 1s. 6d.) 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
- 15. TYPEWRITING.

} As for the Junior Public Examination.

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. 6d. net*), omitting Appendices ii-v.

N.B.—Candidates must supply their own machines.

***16. DRAWING.**

(a) First Grade Geometry, Freehand, and Model.

(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.)

(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 1. 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
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* Allowed 24th December, 1913.

Subsequent entries :

<i>a.</i> For each subject	0	10	0
<i>b.</i> 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 :—

<i>a.</i> For each subject	...	...	...	...	0	10	0
<i>b.</i> 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,
1915.

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 rectilinear figures, circles, spheres, and cones ; the volumes of prisms, cones, pyramids, and spheres.

Text-books recommended :

Jones, H. S. *Modern arithmetic, pls. 1 and 2.* (Macmillan, 4s. 6d.)

Grant and Hill. *Commercial arithmetic.* (Longmans. 3s. 6d.)

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 :

Porr. tt, H. W. and Nicklin, W. *Higher bookkeeping and accounts.* (Pitman. 2s. 6d.)

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. A regional treatment of those countries which are of economic importance to Australia.

(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 :

- Chisholm, G. G. *Handbook of commercial geography.* (Longmans. 15s. net.) This is the best single book in English, and is almost indispensable.
- Salisbury. Barrows & Towers. *Elements of Geography.* (Holt. \$2 50).
- Smith, R. *Industrial and commercial geography.* (Constable. 15s. net.)
- Lyde, L. W. *Continent of Europe.* (Macmillan. 7s. 6d.)
- Taylor, G. *Australia in its physiographic and economic aspects.* (Clar. Pr. 3s. 6d.)
- Bartholomew, J. G. *Atlas of the world's commerce.* (Newnes. 25s. net.)
- Statistical register of South Australia, pt. IV: Interchange.* (S.A. Govt. Printer. 2s 6d.)
- Trade and customs and excise revenue of the Commonwealth of Australia, 2 pts.* (Commonwealth Statistician.)
- Official yearbook of the Commonwealth of Australia* (Commonwealth Statistician. 3s. 6d.)
- Statesman's yearbook.* (Macmillan. 10s. 6d. net.) Issued annually.

4. COMMERCIAL HISTORY.

Warner, T. *Landmarks of English industrial history.* (Blackie. 5s.) Latest ed.

This book sets out the scope of the work to be done. It is expected that attention shall be directed to the economic principles involved, and that candidates shall 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 mediæval markets and fairs* (Macdonald & Evans. 6d. net) gives examples of such documents, 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. 5s. 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. 7s. 6d. net.)
- Meredith, H. O. *Outlines of the economic history of England.* (Pitman. 6s.)
- Egerton, H. E. *Origin and growth of English colonies.* (Clar. Pr. 2s. 6d. and 3s. 6d.)
- Keatinge, M. W. *Studies in the teaching of history.* (Black. 4s. 6d. net.)

ECONOMICS.

Marshall, A. *Elements of economics of industry.* (Macmillan. 3s. 6d.)

Barker, D. A. *Cash and credit.* (Camb. man. of sci. and lit. 1s. 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.

(N.B.—If suitable arrangements cannot be made at a local centre for holding the examination in second Grade Model, the candidates who have entered at that centre will be required to present themselves at Adelaide or at some approved centre.)

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, 1914.

Clark, Annie Winifred (Adelaide High School).
Smith, Kenneth William Algernon (Prince Alfred College).
Altmann, Herbert Franz (District High School, Gawler).

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, 1914.

Lewis, Aubrey Julian (Christian Brothers' College).
Kelly, William Raymond (Christian Brothers' College).
Anderson, William Moffat (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, 1914.

Rooney, Patrick William (Muirden College).

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 (Murden 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 101.

Awards,

By the Council of the University on the results of the Senior Commercial Examination.

1913.

Wright, Sydney Charles.

Mengersen, Norman Victor.

1914.

Beasley, Muriel Estelle.

Zowe, Ivy Beatrice.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1915.

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 353.

FOR LOCAL CENTRES AND OFFICERS SEE PAGE 30.

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 355.

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.
- 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

* Repealed 6th August, 1914.

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).
 { Carrack, Mollie (Practice).
- 1914 { Joyce, Hilda Barton (Theory).
 { Alexander, Mary (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 1915 will be confined to the subject of Pianoforte Playing.

ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1915.

PART V.

ANNUAL REPORT.

BALANCE SHEETS.

PASS LISTS.

LETTERS PATENT.

ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE

ANNUAL REPORT FOR THE YEAR 1914.

To His Excellency Lieutenant-Colonel Sir Henry Lionel Galway,
K.C.M.G., D.S.O., 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 1914.

I. THE COUNCIL AND SENATE.

THE CHANCELLOR.

The Council desire to place upon record their deep sympathy
with the Chancellor in the bereavement he was called upon to
bear, and their thankfulness for his speedy and complete recovery
from the serious operation undergone by him in July. The
Council trust that he may long be spared to the University over
which he so ably presides.

THE VICE-CHANCELLOR,

William Barlow, C.M.G., LL.D., B.A., was elected Vice-
Chancellor for the sixth time on the 27th November.

ROYAL HONOURS TO PROMINENT MEMBERS OF THE UNIVERSITY.

The Council wish to express their gratification at the honours
conferred by His Majesty the King on members of the University,
viz., Knighthood on Dr. Douglas Mawson, of Antarctic fame and
a member of the teaching staff of the University; the Companionship
of the Order of St. Michael and St. George on Dr. William
Barlow, a member of the Council for 32 years and Vice-Chancellor
for 18 years, and on Mr. F. Chapple, a member of the Council,
and Warden of the Senate for 31 years.

These are well-deserved recognitions of distinguished services,
and honour the University as well as the individuals upon whom
they have been conferred.

ELECTIONS.

At a meeting of the Senate held on the 22nd July, Miss Helen Mary Mayo, M.B., B.S., a graduate of the University, was elected, after a contest, to fill the vacancy caused in the Council by the resignation of Mr. W. Lowrie. This is the first occasion on which a lady has been elected a member of the Council.

In November

William Barlow, C.M.G., LL.D., B.A.,
Professor J. Matthew Ennis, Mus. Doc.,
Rev. Jas. Jefferis, LL.D.,
Professor W. Mitchell, M.A., and
B. Poulton, M.D.,

having ceased by effluxion of time to hold office as members of the Council, were re-elected. 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.

II. THE STAFF.

In February Dr. Reissmann resigned his positions as Lecturer on Forensic Medicine and Medical Tutor. Dr. R. S. Rogers and Dr. W. Ray were appointed respectively to those positions.

Dr. A. A. Lendon, Lecturer on Obstetrics and Diseases of Children, and Dr. Swift, Lecturer on Clinical Medicine and Clinical Lecturer on the Medical Diseases of Children, were each granted eight months' leave of absence. Dr. T. G. Wilson was appointed *locum tenens* for Dr. Lendon, and Dr. de Crespigny and Dr. J. B. Gunson acted for Dr. Swift.

Professor Watson, Professor of Anatomy, has been granted leave of absence for the year 1915, to enable him to place his services at the disposal of the Hospital authorities on the field of battle. Dr. C. H. Kellaway, of Melbourne, has been appointed Acting-Professor for that period.

Dr. H. S. Newland and Dr. T. G. Wilson, members of the teaching staff of the Medical School, have also been granted leave of absence for the year 1915, they having both been appointed members of the Australian Stationary Hospital.

Dr. H. Gilbert has been appointed *locum tenens* for Dr. Newland, and Dr. J. B. Gunson for Dr. Wilson.

In November Mrs. J. S. Weston, Lady Superintendent of the Elder Conservatorium for nearly fifteen years, resigned in consequence of ill-health. The resignation was accepted with regret, and Miss Mignon Weston was appointed to the position.

The Council regret to report the death, in June last, of Mr. S. Ellis, Head Caretaker of the University. Before coming to Australia Mr. Ellis saw active service in the navy in the Russian War of 1854, and subsequently was a naval instructor on British training ships. He was for 32 years a faithful servant of the University.

III. ADMISSION TO DEGREES.

SPECIAL CONGREGATION AND RECEPTION TO DR. DOUGLAS MAWSON

A special congregation to welcome Dr. Mawson on his return from the Antarctic was held in the Elder Hall on the 2nd March.

This was a brilliant ceremony, and there was a very large attendance. Addresses were delivered by the Chancellor, the Right Hon. Sir S. J. Way, Bart., D.C.L., LL.D.; His Excellency the Governor, Sir Day Hort Bosanquet, G.C.V.O., K.C.B.; the Premier of South Australia, Hon. A. H. Peake; the Federal Minister of Trade and Customs, Hon. L. E. Groom, M.A., LL.M.; Captain Davies, Commander of the Aurora; Professor Orme Masson, M.A., D.Sc., of Melbourne; and Dr. Douglas Mawson.

In acknowledgment of the services rendered to the Australian Antarctic Expedition by Professor Orme Masson, Chairman of the General Committee, and in recognition of his scientific eminence, the Council invited him to accept admission *ad eundem gradum* at this Congregation. The Degree of Doctor of Science was conferred upon Professor Masson.

A Special Congregation was held in the Prince of Wales Theatre on the 13th May, at 4 p.m., when the undermentioned were admitted to Degrees:—

ARTS :

Honours Degree of Bachelor of Arts :

Philosophy.

Allen, Eleanor Alice

Ordinary Degree of Bachelor of Arts :

Blair, Euphemia Theodosia

Page, Albert Edward

Rowe, Edgar Percival

Weir, Isobel

Payne, Louise Mary Gwythyr

SCIENCE.

Degree of Doctor of Science :

Wilton, John Raymond, M.A., B.Sc.

Ordinary Degree of Bachelor of Science in Forestry :

McKail, Ronald George

Ordinary Degree of Bachelor of Science :

Williams, Ralph

ENGINEERING.

Degree of Bachelor of Engineering :

Wight, Albert Raymond

Brown, Arthur Cubitt (B.Sc., 1911)	} in lieu of sur- rendered degree of Bachelor of Science.
West, John Stanley (B.Sc., 1907)	

LAWS.

Degree of Bachelor of Laws :

Badger, Robert

Mills, John Brier

Diploma in Applied Science in Electrical Engineering was granted to

Brown, Arthur Cubitt

VISIT OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT
OF SCIENCE.

A Special Congregation was held in the Town Hall on the 8th August, at 5 p.m., for the purpose of conferring Degrees upon visiting members of the British Association for the Advancement of Science, when the undermentioned graduates of other Universities were admitted *ad eundem gradum* :—

Degree of Doctor of Science :

Sollas, Professor William Johnson, D.Sc. (Cambridge)

Penck, Professor Albrecht, D.Sc. (Oxford)

David, Professor Tannatt William Edgeworth, D.Sc.
(Oxford)

Brown, Professor Ernest William, D.Sc. (Cambridge)

Lodge, Sir Oliver Joseph, D.Sc. (London)

Jungersen, Professor Hector Frederik Estrup, D.Sc.
(Cambridge, Mass.)
Howe, Professor George William Osborn, D.Sc. (Durham)
Juritz, Professor Charles Frederick. D.Sc. (Cape of Good
Hope)
von Luschan, Professor Felix, Ph.D. (Munich)

Degree of Doctor of Medicine :

Smith, Professor Grafton Elliot, M.D. (Sydney)

Degree of Master of Arts :

Hall, Alfred Daniel, M.A. (Oxford)
Coleman, Professor Arthur Philemon, M.A. (Victoria, Canada)

Degree of Bachelor of Arts :

Lucas, Sir Charles Prestwood, B.A. (Oxford)

Degree of Bachelor of Science :

Beare, Professor Thomas Hudson, B.Sc. (London)

At the Commemoration held on the 16th December, the following
were admitted to Degrees :—

LAW.

Degree of Bachelor of Laws :

Abbott, Charles Arthur	|	Piper, Harold Bayard
Lillas Lempriere, B.A.	|	Ross, Dudley Bruce
Kerr, Donald	|	Waterhouse, Louis
Moulden, Arnold	|	David
Meredith	|	

MEDICINE.

Degrees of Bachelor of Medicine and Bachelor of Surgery :

Beard, Jack Roland	|	Smith, Walter Leonard
Stanley Grose	|	Steele, Kenneth Nugent
Cockburn, Patrick	|	Strachan, James
Gardner, John Forrest	|	Charles Power
George, Mildred May	|	Turner, Charles Trevor
Godfrey, Kirke Charles	|	Wall, Frederick Lawrence
Guymer, Ernest Albert	|	Wibberley, Brian
Haste, Reginald	|	William, B.Sc.
Arthur, B.Sc.	|	Williams, Arthur Evan
Hayward, Lancelot Alfred	|	

ARTS.

Ordinary Degree of Master of Arts

Bartlett, William	Jackson, Sarah
John, B.A.	Elizabeth, B.A.
Hannan, Albert	Reimann, Valesca
James, B.A., LL.B	Leonore Olive, B.A.

*Honours Degree of Bachelor of Arts:**Classics.*

Price, Walter John	Tassie, Jean Reid
Stewart, Colin Gore	Williams, Francis Edgar

Ordinary Degree of Bachelor of Arts:

Baker, Arthur	Hurley, Leonard
James Kendall	Joseph Bernard
Bartholomaeus,	Martin, William Thomas
Edmund Stanley	Moyle, Sidney
Blackburn, John Stewart	Oldham, Wilfrid
Davies, William Laurence	Richards, Eva Gertrude
Hardy, Mabel Phyllis	Sharman, Florence Mary
Hill, Albert Charles	Wilkinson, Herbert John

SCIENCE.

*Honours Degree of Bachelor of Science:**Chemistry.*

Baxter, Reginald Robert

Ordinary Degree of Bachelor of Science:

Gault, Estelle Ruth	Tilley, Cecil Edgar
Reid, Frederick William	

Ordinary Degree of Bachelor of Science in Forestry:

Cole, Cyril Richard

Degree of Bachelor of Engineering:

Goode, Kenneth Burden	Motteram, Philip
Laybourne-Smith, Louis (B.Sc., 1911)	Snow, Wilfrid Rippon

The undermentioned graduates of other Universities were at the same Commemoration admitted *ad eundem gradum* :—

LAW.

Hayward, William Thornborough, LL.D. (Aberdeen)
Allen, Sir Harry Brookes, Kt., LL.D. (Edinburgh)

SCIENCE.

Ray, William, M.B., B.S., B.Sc. (Oxford)

Diplomas in Applied Science were granted to—

Dart, Ralph John (Electrical Engineering)
Goode, Kenneth Burden (Metallurgy)
Motteram, Philip (Mechanical Engineering)
Snow, Wilfrid Rippon (Metallurgy)

Diplomas in Forestry were granted to—

Pinches, Alfred Leslie | Schedlich, Alfred Karl

Diplomas in Commerce were granted to—

Hendry, Campbell Alexander
Ponder, Gilbert Walter Graham
Winter, Claude Howard Stanley

The Diploma of Associate in Music was granted, on the 30th November, to :—

Griffiths, George Townsend | Rowe, Florence Nellie
Oldham, Dorothy | Vardon, Daisy

IV. STATUTES AND REGULATIONS.

During the year the following Statutes and Regulations have been made, amended, or repealed :—

NEW STATUTES.

Chapter XXXVII., "Of the Alexander Clark Memorial Prize."

REGULATIONS.

"Of the Degree of Bachelor of Science," Regulations IV. and V. repealed, and new Regulations substituted.

"Of the Elder Conservatorium," Regulation IX. repealed and new Regulation substituted.

"Of Public Examination (Music) Scholarship," Regulation III. repealed.

V. NUMBER OF STUDENTS.

The number of undergraduates was 409, exclusive of 18 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 293 non-graduating students. Of these, 25 attended from the School of Mines and 17 from the Pharmaceutical Society.

VI. FACULTY OF ARTS.

The number of undergraduates studying for the B.A. Degree was 195, including 17 holding Evening Studentships. Eighteen Bachelors of Arts were proceeding to the M.A. Degree.

Fifty-three students commenced the course for the B.A. Degree, and 23 graduated.

The Tinline Scholarship for History was awarded to Wilfrid Oldham.

David Murray Scholarships were awarded to Francis Edgar Williams (Classics), and Sarah Elizabeth Jackson, B.A. (Essay).

During the first term Professor Naylor again gave a special course of evening lectures in Elementary Greek. In the second term Acting-Professor Portus gave a special course of afternoon lectures on "The Economic History of England." The response was encouraging; a good number attended each course of lectures.

VII. FACULTY OF SCIENCE.

The number of undergraduates studying for the B.Sc. Degree was 35, including 3 holding Evening Studentships; and for the B.E. Degree 35.

Five students commenced the course for the B.Sc. Degree, and 7 graduated.

Nine students commenced the B.E. course, and 7 obtained the Degree.

The David Murray Scholarship in Chemistry was awarded to Eric Goyne Stephens.

The John Bagot Scholarship and Medal were awarded to Marjorie Florence Smith.

Professor Osborn provided a special course in Elementary Botany, which was attended by 22 students.

At the request of the Optical Association, Mr. E. V. Clark delivered a special course of lectures on Optics.

VIII. FACULTY OF LAWS.

The number of undergraduates studying for the LL.B. Degree was 53, including 1 holding Evening Studentship, and, in addition, 3 non-graduating students were studying for Final Certificates in Law, to enable them to practise in the Supreme Court.

Nine students commenced the course for the LL.B. Degree, and 8 graduated.

The David Murray Scholarship in Private International Law was awarded to Arnold Meredith Moulden.

IX. FACULTY OF MEDICINE.

The number of undergraduates studying for the M.B. Degree was 77.

Twenty-two students commenced the course.

Twenty-two completed the first year's course, 14 the second, 9 the third, 14 the fourth, and 15 the fifth.

The Dr. Davies Thomas Scholarships were awarded for the third year to Oscar Arnold Plötz and Albert Ray Southwood, equal, and for the fourth year to Patrick William Rice and Ivan Bede Jose, equal.

The Everard Scholarship was not awarded.

X. FACULTY OF MUSIC.

The number of undergraduates studying for the Mus. Bac. Degree was 14.

Four students commenced the course.

Four students completed the first year's course, and 1 the second.

XI. ELDER CONSERVATORIUM OF MUSIC.

The number of students attending the Conservatorium during the year was 324, of whom 46 were proceeding with the course for the Diploma of Associate in Music.

Elder Scholarships at the Conservatorium were awarded to Leslie Robert Martin and Lily Emmaline Sara.

The Brookman Scholarship was awarded to Hilda Beatrice Gill.

XII. EVENING CLASSES.

Evening Classes were held in the following subjects:—Physics (1st and 2nd years), Inorganic Chemistry, English Language and

Literature, Latin, Psychology, Education, Logic, Ethics, Botany, Pure Mathematics (First Year), Applied Mathematics, Biology Accountancy, Banking, and Exchange, Commercial Geography, and Economics.

XIII. PUBLIC EXAMINATIONS IN GENERAL EDUCATION.

At the Special Senior Examination in March 37 candidates presented themselves, and 25 passed in various subjects.

At the Primary Examination there were 529 candidates, of whom 329 received certificates; at the Junior Examination 661 candidates, of whom 289 passed in five or more subjects and 325 in fewer than five; at the Senior Examination in November 512 candidates, of whom 128 passed in five or more subjects and 307 in fewer than five; at the Higher Examination 139 candidates, of whom 120 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 are now 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.

Acting-Professor Laver (of Melbourne) and Professor Ennis examined in Theory of Music, while Mr. Laver, Professor Ennis, and Mr. I. G. Reimann acted as Examiners in Practice. The results were:—

Theory of Music, 144 entered, and 121 passed, 28 with honours.

Practice of Music, 311 entered, and 282 passed, 27 with honours.

Scholarships were awarded to Mary Alexander and Hilda Barton Joyce.

XV. ANGAS ENGINEERING SCHOLARSHIP AND EXHIBITION, AND GOVERNMENT EVENING STUDENTSHIPS.

The Angas Engineering Scholarship was awarded to William Andrew Potts, B.E., and the Angas Engineering Exhibition to Herbert Walter Stempel.

Under the Regulations of 1909, the evening studentships for Arts, Science, and Law courses were awarded to 21 candidates for the year 1914.

XVII. COMMERCIAL EDUCATION.

In accordance with the provision of the Fisher Statute, that in every alternate year a Lecture, to be called the Joseph Fisher Lecture, on some subject of Commerce, shall be delivered at the University and subsequently be published, the Hon. D. J. Gordon, M.L.C., delivered the fifth lecture on April 28th, his subject being "Problems of Transportation and their relation to Australian Trade and Commerce."

The number of students taking the course for the Diploma in Commerce during the year was 125.

Three students completed the course.

The Joseph Fisher Medal was awarded to Gilbert Walter Graham Ponder.

At the Junior Commercial Examination in November, 128 candidates presented themselves, of whom 38 passed in the five compulsory subjects and 83 in fewer than five subjects. At the Senior Commercial Examination 21 candidates presented themselves, of whom 5 passed in the five compulsory subjects and 12 in fewer than five.

XVIII. CLASSES FOR DENTAL APPRENTICES, AND MASSAGE STUDENTS.

Elementary classes in certain subjects for apprentices in Dentistry and Massage students were held, and 5 students attended.

XIX. EXTENSION LECTURES.

The following courses of Extension Lectures were given at the University :—Three lectures on "The Problem of Euripides," by Professor Naylor; three lectures on "The Lost Rivers of South Australia," by Mr. Howchin; and three lectures on "Some Stages in the Evolution of Plants," by Mrs. T. G. B. Osborn.

All requests made to the University by Country Centres 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 Naracoorte, Millicent, and Mount Gambier.

Three courses will be given at the University in 1915, viz. :— Three lectures by Professor Henderson, on "Shakespeare's Home and Home Land"; three by Dr. J. C. Verco, on "Romance in Medicine"; and three by Professor Rennie, on "The Complexity of Apparent Simplicity in Chemistry."

ADDITIONAL LECTURES.

On the 9th September Dr. Thomas Ashby, F.S.A., Director of the British School at Rome, who was visiting Australia with the British Association for the Advancement of Science, delivered a lecture on "The British School at Rome."

On the 30th September Professor G. Elliott Smith, M.D., F.R.S., Professor of Anatomy in the University of Manchester and Vice-President of the Royal Society of England, and also a member of the British Association for the Advancement of Science, lectured on "Ancient Egyptian Mummies and Burial Customs."

On the 16th November Charles J. Keade, Esq., organiser of the Town Planning tour, delivered a lecture on "Cities; Past, Present, and Future."

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. E. C. Stirling, C.M.G., M.D., F.R.S., was 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—

1. The 300th Anniversary of the University of Groningen, Holland, in June and July.
2. The Napier Tercentenary celebration at Edinburgh, in July.
3. The 150th Anniversary of the founding of Brown University, Rhode Island, in October.
4. The Inauguration of President of the University of Colorado, in June.

An invitation to be represented on the Committee formed in connection with the Commemoration in 1916 of the Tercentenary of Shakespeare's death was also received. Professor Henderson was elected to represent the University on that Committee. Professor Henderson also attended the Anniversary of the University of Groningen. Professor Bragg was invited to represent the University at the Anniversary celebrations of the Brown University. Unfortunately the Council were not able to be represented on the other occasions named.

XXIII. FURTHER ENDOWMENTS.

1. The sum of £255 was collected by the Public Schools Decoration and Floral Societies to provide a prize in memory of the late Alexander Clark. This sum has been paid to the University, and the necessary Statutes have been made.
2. The sum of £100 has been paid to the University by an anonymous donor for the foundation of a prize to be called the "Lister" prize, to be awarded biennially for the best original thesis on some clinical, surgical, or medical subject by a graduate in Medicine of not more than three years' standing.

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 tenth 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 33,500 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.

XXVII. UNIVERSITY MEN AND THE WAR.

University men, Professors, Lecturers, graduates, and students responded loyally to the call to arms. There have enrolled for service in the Australian Expeditionary Forces one Professor, three Lecturers, 23 graduates, four Rhodes Scholars, and many students, in all 63. Other members of the University have joined the Forces in Great Britain.

The whole of the Staff, teaching and administrative, have subscribed a percentage of their monthly salaries to the Patriotic Fund.

XXVIII. GIFT TO THE UNIVERSITY.

Mr. Peter Waite, with a view to advancing the cause of education in Agriculture, Forestry, and allied subjects, has formally transferred his valuable Urrbrae Estate at Glen Osmond to the University. The gift, free of succession duty, is subject only to the life tenancy of Mr. and Mrs. Waite. The estate comprises an area of 134 acres and a mansion house. The western half is to be held by the University in perpetuity as a park for the enjoyment of the public. The remainder of the estate, upon which the house stands, will eventually be utilised by the University in giving effect to the wishes of the generous donor in regard to Agricultural education.

XXIX. UNIVERSITY EXTENSION.

In the Annual Report for 1912, reference was made to the grant by the Government of £12,000 for buildings, and the additional endowment of £4,000 per annum, in accordance with the recommendations of the Royal Commission on Education.

In consequence of the pressing need of additional land on which to build the Students' Hall, Refectory, etc., made possible by the generous gift of £10,000 by Mr. R. Barr Smith with assistance promised by the Government, and of the need of further buildings, equipment, and additions to the teaching staff, the Council asked the Government to give effect to further recommendations of the Royal Commission. Although the requests of the University were sympathetically received, and the Premier and the Commissioner of Public Works promised to recommend the transfer of certain land for University purposes, the Government intimated that, in consequence of the Drought and the War, consideration of the needs of the University must, for the present, be postponed.

XXX. WORKERS' EDUCATIONAL ASSOCIATION.

During the year Mr. Albert Mansbridge, Secretary to the Workers' Educational Association in London, visited Australia,

and established branches of the Association in various Cities. Professor Darnley Naylor and Professor Jethro Brown were appointed members of the Council of the Adelaide branch of the Association, and Professors Mitchell, Henderson, Naylor, and Brown, members of the Tutorial Committee.

XXXI. VISIT OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

By the invitation of the Commonwealth, the British Association for the Advancement of Science held for the first time their annual meeting (the 84th) in Australia, during the months of August and September. Arriving first in Western Australia, the members subsequently visited in turn South Australia, Victoria, New South Wales, and Queensland, dividing the scientific work of the meeting between these States.

To mark their sense of the significance and importance of the occasion, the Universities of Sydney, Melbourne, and Adelaide resolved to confer their degrees upon a number of the most distinguished of the visitors, apportioning the recipients amongst these Universities.

At a Special Congregation held at the Town Hall on the 8th August, degrees were conferred upon those members whose names appear in paragraph III.

During the whole Adelaide session, from the 8th to the 12th August, the University, which had offered its buildings for the purpose, was the headquarters of the Association, the Elder Hall being arranged and furnished as office and reception-room.

The University staff gave willing assistance, and the visitors expressed a strong appreciation of the facilities afforded them.

XXXII. ACCOUNTS.

An abstract, duly audited, of the income and expenditure during the year 1914 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 1914.

Signed on behalf of the Council,

S. J. WAY,

Chancellor.

Adelaide,

January 22nd, 1915.

Financial Statements.

1914.

THE UNIVERSITY

*Account of Income and Expenditure for the year which ended on the 31st
and 38 Victoria*

<i>Income.</i>	£	s.	d.	£	s.	d.
<i>H. M. Government of South Australia—</i>						
Annual Subsidy on Endowments	7,407	1	6			
Annual Statutory Grant	4,000	0	0			
Subsidy to Botanical Department	600	0	0			
				12,007	1	6
<i>Fees—</i>						
Schools of Arts and Science, Evening Classes and Public Examinations	3,654	7	8			
School of Law	686	3	0			
School of Medicine	2,185	18	0			
School of Music:						
Mus. Bac. Course and Public Examinations in Music...	383	0	5			
Elder Conservatorium	2,618	13	0			
Concerts	47	2	0			
				3,048	15	5
Diploma in Commerce	303	9	9			
				9,878	13	10
<i>Interest</i>					5,124	4 1
<i>Rent</i>					173	0 0

Forward

£27 182 19 5

OF ADELAIDE.

December, 1914, furnished in compliance with the 18th Section of Act 37
No. 20 of 1874.

<i>Expenditure.</i>	£	s.	d.	£	s.	d.
<i>Schools of Arts and Science—</i>						
Salaries	\$	712	5	9		
<i>Other Expenses—</i>						
Additional Examiners, Supervisors, Examination Papers, Printing, etc., for Degree and Public Examinations	1,193	11	7			
Lecture Fees to School of Mines	118	9	9			
Fees to School of Design	16	0	0			
Physical Laboratory	96	1	10			
Chemical Laboratory	102	5	1			
Engineering Department: Mining	27	15	2			
“ “ Electrical	10	13	6			
Geological Laboratory	16	17	8			
Botanical Laboratory	47	12	11			
				10,341	13	3
<i>School of Laws—</i>						
Salaries	1,150	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc.	43	12	9			
				1,193	12	8
<i>School of Medicine—</i>						
Salaries	3,564	7	1			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc.	62	19	7			
Anatomical Department	75	10	5			
Physiological Laboratory	55	12	2			
				3,758	9	3
<i>School of Music—</i>						
Mus. Bac. Course—						
Salaries	600	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Printing, Examination Papers, etc.	37	3	6			
	637	3	6			
Elder Conservatorium—						
Salaries	3,083	19	10			
<i>Other Expenses</i>						
Concert Account	119	5	1			
Advertising, Printing, Gas, Telephone, and Sundries	97	0	4			
Tuning Organ and Pianos	60	0	0			
Orchestra	197	6	0			
	3,562	11	3			
Forward	£4,199	14	9			
Forward	£15,293	15	2			

						£	s.	d.
						Brought forward		
						27,182	19	5
<i>Donations—</i>								
Pharmaceutical Society of South Australia						7	7	0
J. Shiels, Esq.	...	...	...	...	..	2	2	0
						<hr/>		
						9	9	0
<i>Calendar—</i>								
Received on sale of Calendars	...	...	...			31	14	8
<i>Geo. Brookman, Esq.—</i>								
The "Brookman Scholarship"	...	...	...			20	0	0
Testing Fees: Engineering Departments				24	17	0

Forward

 £27,269 0 1

	f	s.	d.
Brought forward	£27,269	0	1

Forward	<u>£27,269</u>	0	1
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	£	s.	d.	£	s.	d.
Brought Forward				£20,037	3	11
<i>Scholarships and Prizes (continued)—</i>						
Brought forward	£568	11	7			
<i>Hartley Studentship—</i>						
Paid Students		37	10	0		
<i>The Brookman Scholarship—</i>						
Paid Scholar	20	0	0			
Examiners	5	5	0			
Advertising and Printing ..	3	4	6			
		28	9	6		
<i>The Robert Whinham Prize</i>		5	0	0		
<i>Alexander Clark Memorial Prize—</i>						
Printing... ..			3	0		
<i>Tate Memorial Fund—</i>						
Printing... ..			2	6		
<i>John Bagot Scholarship—</i>						
Die and Medals	22	2	2			
Scholar's Fees	14	3	6			
		36	5	8		
<i>John Creswell Scholarship—</i>						
Scholars' Fees		9	11	6		
		685	13	9		
<i>Registrar's Department and House Salaries</i> ...		2	675	2	0	
<i>Senate</i>			62	18	4	
<i>Stationery</i>			131	1	1	
<i>Buildings—Repairs and Additions</i>			199	16	6	
<i>Land Tax</i>			117	11	2	
<i>Miscellaneous Expenses—</i>						
Advertising, Printing, Gas, Water, House Sundries, Auditors' Fees, Petty Cash, etc. ...	702	18	11			
Insurance Premiums	124	16	2			
		827	15	1		
<i>Trustees of the Sports Ground—</i>						
General Expenses, Annual Grant ...			309	16	9	
Forward			£25,046	18	7	

	£	s.	d.
Brought Forward	27,269	0	1

£27,269 0 1

ALLOCATION ACCOUNT.

To Balance brought forward from Statement of Income and								
Expenditure	...	...	...	..	...	...	...	1,685 1 2

£1,685 1 2

F. W. EARDLEY,
Accountant.

	£	s.	d.
Brought Forward	£25,046	18	7
<i>Interest—</i>			
On temporary advances	138	3	8
<i>Calendar—</i>			
Printing	192	18	4
<i>Piano Sinking Fund Policy</i>	84	14	2
<i>Balances carried to Scholarships and other Accounts (net)</i>	121	4	2
<i>Balance carried to Allocation Account</i>	1,685	1	2
	<u>£27,269</u>	<u>0</u>	<u>1</u>

ALLOCATION ACCOUNT.

Expended during the year on the following

Capital Accounts—

Library	£398	0	0
Apparatus and Laboratory Furnishing	263	6	3
Furniture	25	1	7
Building of Conservatorium	20	10	0
Improvements to Site	19	5	4
Electric Installation	3	0	0
	<u>729</u>	<u>3</u>	<u>2</u>

Net surplus of Income for 1914 Applied
to Repayment of Temporary
Advances, etc.

955 18 0
£1,685 1 2

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, 1914, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1914.

J. EDWIN THOMAS, F.I.A.S.A., }
ARTHUR YOUNG HARVEY, } Auditors

Adelaide, 14th January. 1915.

THE UNIVERSITY

Statement Showing the Actual Financial Position

DR.	£	s.	d.	£	s.	d.
ENDOWMENTS—						
Sir W. W. Hughes (Arts and Science) ...	20,000	0	0			
Sir T. Elder (Arts and Science) ...	20,000	0	0			
Sir T. Elder (Medical School) ...	30,000	0	0			
Sir T. Elder (Music School) ...	20,000	0	0			
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			
Joseph Fisher (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			
John Bagot Prize and Medal ...	500	0	0			
Dr. E. W. Way Lectureship on Gynæcology	473	1	3			
Dr. Davies-Thomas Scholarship ...	400	0	0			
Alexander Clark Memorial Prize ...	255	0	0			
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			
Tennyson Medals ...	100	0	0			
Lister Prize ...	100	0	0			
Robert Whinham Prize ...	84	9	6			
Tate Memorial Medal ...	60	0	0			
Hughes Statue Maintenance Fund ...	50	0	0			
						113,970 16 9
Forward						£113,970 16 9

OF ADELAIDE.

in respect to Capital as on 31st December, 1914.

	£	s.	d.	£	s.	d.
INVESTMENTS OF ENDOWMENTS—						
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. Govern- ment of S.A. (at cost)	85,641	14	8			
In Inscribed Stock of H.M. Government of S.A. (at cost)	1,788	3	3			
In W.A. Local Inscribed Stock	2,000	0	0			
				113,970	16	9

Forward

£113,970 16 9

		£	s.	d.	£	s.	d.
	Brought Forward				£113,970	16	9
<i>General Purposes—</i>							
Sir T. Elder (Endowment) ...	...	25,000	0	0			
Treasury Loan. ...	...	3,000	0	0			
Sundry Credit Balances :							
Lowrie Scholarships ...	525	0	0				
Commercial Education ...	500	0	0				
Barr Smith Library ...	199	19	11				
Barr Smith Grant for Apparatus	167	15	11				
David Murray Scholarships	133	6	8				
John Creswell Scholarships	55	8	6				
British Medical Association	46	9	3				
Extension Lectures ...	38	14	0				
Fence ...	20	6	5				
J. Howard Clark Scholarship	19	9	3				
John Bagot Scholarship ...	13	14	4				
Alex. Clark Memorial Prize	7	7	0				
Adelaide School of Art ...	5	12	0				
Students' Lockers ...	5	5	0				
Hughes Statue Memorial Fund ...	1	5	0				
Caretakers' Fees ...	17	6					
					1,740	10	9
Contributed from Income ...	...	10,476	3	5			
					40,216	14	2

LAND ENDOWMENT—

ORIGINAL GRANT BY
H. M. GOVERNMENT—

Country Lands (£50,000), repurchased by the Government for ...	...	40,000	0	0			
University site ...	...	5,000	0	0			
		45,000	0	0			
CONTRIBUTIONS FROM INCOME ...	...	422	6	3			
SPECIAL DONATIONS FOR FENCE—							
R. Barr Smith, Esq. ...	...	400	0	0			
Hon. Sir John Duncan } W. H. Duncan, Esq. }	...	250	0	0			
					46,072	6	3
Forward		£200,259	17	2			

	Brought forward	£	s.	d.
		£113,970	16	9
INVESTMENT OF FUNDS FOR GENERAL PURPOSES—				
Elder Conservatorium Building	18,800	15	8	
Prince of Wales Building	11,063	9	3	
Elder Anatomical Building	5,814	2	8	
S.A. Consolidated Stock (at cost) <i>see above</i>	3,323	5	4	
	<u>39,001</u>	<u>12</u>	<u>11</u>	

SUNDRY ACCOUNTS—

Public Examinations in Music	213	9	0	
Cash and other Balances :				
In Bank of Adelaide (Current Account)	£1,059	3	2	
Less Cheques outstanding	199	11	8	
	<u>859</u>	<u>11</u>	<u>6</u>	
In hands of Agent-General	117	0	0	
In hands of the Accountant	25	0	0	
	<u>1,001</u>	<u>12</u>	<u>3</u>	
		46,216	14	2

LAND ACCOUNT—

University Site—				
Original Grant	5,000	0	0	
Improvements thereon (exclusive of buildings) ..	1,051	19	10	
Balance of Special Donation unexpended... ..	20	6	5	
	<u>6,072</u>	<u>6</u>	<u>3</u>	
S.A. Inscribed Stock (purchase money for country lands)	40,000	0	0	
	<u>46,072</u>	<u>6</u>	<u>3</u>	

Forward £200,259 17 2

	£	s.	d.	£	s.	d.
	Brought forward			200,259	17	2
BUILDINGS—						
Expended on University Buildings	39,113	9	8			
Additions to Main Building for Library, etc.	7,632	10	11			
Additions to Physiological De- partment for Botanical La- boratory	3,022	0	9			
	<u>10,654</u>			11	8	
				49,768	1	4
SPECIAL ENDOWMENT—Barf Smith Library—						
Books purchased	8,906	0	0			
Balance unexpended	199	19	11			
	<u>9,105</u>			19	11	
EQUIPMENT—						
Library Books and Binding	7,314	6	4			
Laboratories, Material and Apparatus, and unconsumed material	5,534	7	8			
Museum Exhibits, etc.	402	18	7			
Furniture	5,453	12	10			
Organ—Conservatorium	1,541	10	11			
Installation of Electric Light	926	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			
	<u>500</u>			0	0	
				22	183	10
				11		
				<u>£281,317</u>		
				9	4	

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, 1914, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and not payable on the said 31st day of December, 1914. 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, 1915.

STATEMENT OF ACCOUNTS OTHER THAN

DR.	£ s. d.	£ s. d.
EXTENSION LECTURES—		
Balance 1st January, 1914 ..	53 18 2	
Fees Received, etc.	83 18 0	
	—————	137 16 2
SPECIAL ENDOWMENT: BARR SMITH LIBRARY ACCOUNT—		
Unexpended Balance, 1st January, 1914	481 11 7	
	—————	481 11 7
TRUSTEES OF SPORTS FUND—		
Donations to General Acct. (to date)	2 520 2 6	
“ Pavilion Acct., “	1,300 0 0	
“ Boat Shed Acct., “	750 0 0	
	—————	4 570 2 6
BARR SMITH RESEARCH FUND—		
Unexpended Balance, 1st January, 1914		175 13 9
BRITISH MEDICAL ASSOCIATION (S.A. Branch)—		
Unexpended Balance 1st January, 1914	26 3 0	
Donations to Library during 1914	50 0 0	
	—————	76 3 0
		—————
		£5,441 7 0
		—————

CAPITAL AND INCOME FOR THE YEAR 1914.

CR.	£ s. d.	£ s. d.
EXTENSION LECTURES—		
Advertising, Printing, and other Expenses	42 8 2	
Fees to Lecturers	56 14 0	
Balance (unexpended)	<u>38 14 0</u>	137 16 2
SPECIAL ENDOWMENT: BARR SMITH LIBRARY ACCOUNT—		
Expended on account of Books	281 11 8	
Bal. unexpended, 31st Dec., '14	<u>199 19 11</u>	481 11 7
TRUSTEES OF SPORTS FUND—		
Expended on General Account	2,556 14 9	
“ Pavilion Account	1,252 14 9	
“ Boat Shed	750 0 0	
“ Lighting	<u>10 13 0</u>	4,570 2 6
BARR SMITH RESEARCH FUND—		
Expended on Apparatus	7 17 10	
Balance (unexpended)	<u>167 15 11</u>	175 13 9
BRITISH MEDICAL ASSOCIATION—		
Expended on Books	29 13 9	
Balance (unexpended)	<u>46 9 3</u>	76 3 0
		<u>£5,441 7 0</u>

THE UNIVERSITY OF ADELAIDE.

EXAMINATION RESULTS, 1914.

MARCH EXAMINATIONS.

FACULTY OF LAW.

PASS LIST.

Property, Part I. (110)

THIRD CLASS.

Goldsworthy, Spencer Gordon.

Property, Part II. (111).

THIRD CLASS.

Mills, John Brier

Law of Contracts (112).

None passed.

Evidence and Procedure.

SECOND CLASS.

Sweeney, John Grant

Constitutional Law (115).

None passed.

Latin.

THIRD CLASS.

Sweeney, John Grant.

**SUPPLEMENTARY EXAMINATION FOR THE DEGREES
OF BACHELOR OF MEDICINE AND BACHELOR OF
SURGERY.**

PASS LIST.

FIRST YEAR.

Physiology (interim).

Bennett, Norman Robertson | Hall, Norman Bruce
thus completing the First Year.

Organic Chemistry.

Moore, Brian Formby

thus completing the First Year.

Anatomy.

Davies, Harold Whitridge.

thus completing the First Year.

THIRD YEAR.

Surgery.

Birch, John Bright

| Kenihan, Raphael Leo

thus completing the Third Year.

FOURTH YEAR.

Surgery.

Godfrey, Kirke Charles

thus completing the Fourth Year.

Obstetrics.

Guymer, Ernest Albert

thus completing the Fourth Year.

**SUPPLEMENTARY EXAMINATION FOR THE DEGREE
OF BACHELOR OF MUSIC.**

PASS LIST.

FIRST YEAR.

Harmony.

Mathews, Hilda Brisbane

thus completing the First Year.

THIRD YEAR.

Harmony.

Dunn, John Millard

| McBride, Dorothy Evelyn

thus completing the Third Year.

**SPECIAL EXAMINATION FOR INTENDING STUDENTS IN
MEDICINE.**

PASS LIST.

Biology.

Watson, Arthur Harrison Edward

Chemistry.

McGlew, Phyllis Dorothy

Physics.

Russell, Alfred Burgess

SUPPLEMENTARY EXAMINATION FOR THE DIPLOMA IN APPLIED SCIENCE.**Physics.**

SECOND YEAR.

None passed.

EXAMINATION FOR THE DEGREE OF DOCTOR OF SCIENCE, Thesis Approved.

Wilton, John Raymond, M.A.. B.Sc.

NOVEMBER EXAMINATIONS, 1914.**EXAMINATION FOR THE HONOURS DEGREE OF BACHELOR OF ARTS.**

PASS LIST.

Classics.

FIRST CLASS.

*Williams, Francis Edgar.

SECOND CLASS.

Price, Walter John

Tassie, Jean Reid

*Recommended for the David Murray Scholarship.

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, 1914.

PASS LISTS

(In alphabetical order unless otherwise stated.)

Greek (1).

FIRST YEAR.

Division I.

None.

Gillman, Phyllis Constance Roach, Kenneth Douglas		Division II. *Somerville, Sesca Lewin
--	--	--

Rayner, George Percival		Division III.
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*Recommended for the Robert Barr Smith Prize.

SECOND YEAR.

Burgess, Frederick Martin		Division I.
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Sharman, Ethel Olive		Division II.
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Ford, James Albert Northey, James Douglas Skewes, Edward Foster		Division III. Wemyss, Eleanor Evelyn Beatrice
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Latin (2).

FIRST YEAR.

*Burns, Leonard James		Division I. Somerville, Sesca Lewin
-----------------------	--	--

Beaumont, Paul Charles Gillman, Phyllis Constance Mawby, Olga Gates	|	Division II. North, Charles Vincent Rice Purton, David Gabriel Roach, Kenneth Douglas
---	--	--

Flint, Adela Lysander Gilbert, Walter Stanley Scol- lard Jacob, John Gilbert Poynton, Mary Mabel	|	Division III. Rayner, George Percival Sutherland, Allan James Lavis Wall, Kathleen May Waterhouse, Arthur Greaves
--	--	--

*Recommended for the Andrew Scott Prize.

SECOND YEAR.

Burgess, Frederick Martin	|	Division I.
---------------------------	--	-------------

Godlee, Margary Rebecca Head, Zuleime May Oldham, Wilfrid	|	Division II. Padman, Clarence Swann Sharman, Ethel Olive Sharman, Florence Mary
---	--	--

Anderson, Marjory Canney, Richard Francis Caust, Leslie George William Ford, James Albert Galvin, Thomas Bernard Good, Frances Helena	|	Division III. Maclaren, Peter Patrick McRostie, Ella Kate Martin, William Thomas Munn, Bertha Helen Temple Newman, Kathleen Mary
--	--	---

English Language and Literature (8).

Division I.

Cameron, Robert Ewen		*Mann, Gertrude Irene
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Division II.

Caterer, Brenda Mary Ainslie		Heyne, Ida Marie
Cloughton, Olive Ruby May		Lushey, Harold Merton
Curnow, Hubert Linley	|	McRostie, Ella Kate
Gifford, Alfred Silva Harrie	|	Potter, Roy Adolph, B.A.
Goss, Norman Claridge	|	Preece, William Ewart
Harper, Melasena Iverna	|	Thomas, Frank Emerson
Marjorie	|	

Division III.

Campbell, John Richard	|	Kentish, Dorothy Grace
Davis, John Newton	|	Millhouse, Eric William John
Gault, Estelle Ruth	|	Tuck, Carrie Muriel

*Recommended for the John Howard Clark Prize.

French (9).

FIRST YEAR.

Division I.

Dawbarn, Katrine Anderson		Purton, David Gabriel
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Division II.

Gillman, Phyllis Constance		Hayward, Kitty Pauline
Godlee, Margery Rebecca		Scammell, Mary Gwendoline
Good, Frances Helena	|	

Division III.

Ide, Bessie	|	Williams, Caroline Margaret
-------------	--	-----------------------------

SECOND YEAR.

Division II.

Anderson, Marjory	|	Heyne, Ida Marie
-------------------	--	------------------

German (10).

FIRST YEAR.

Division II.

Sudholz, Gertrude Alice

German (10).

SECOND YEAR.

None passed.

History of the United Kingdom (12).

Division I.

Head, Zuleime May
*Oldham, Wilfrid

Williams, Gwenneth

Division II.

Anderson, Marjorie
Anderson, Minnie
Armitage, Harold Edwin
Baker, Arthur James Ken-
dall
Beaumont, Paul Charles
Brummitt, Ida Muriel
Flint, Adela Lysander
Fordham, Juanita Horwood
Limb, Arthur
Mawby, Olga Gates

Munn, Bertha Helen Temple
Murdoch, Ellis Ruby
Nicholls, Jonathan Kingsley
Padman, Clarence Swann
Roach, Dorothy Angela
Shaw, Kate Hambly
Shepherd, Eric John
Wall, Kathleen May
Williams, Thomas Edward
Wilton, Frederick

Division III.

Baaner, Oscar Ver
Carthew, Lancelot
Dickinson, Victor Knowlton
Ford, James Albert
Gooden, Edgar Lorenzo
Goss, Norman Claridge
Haese, Ernst Alfred Wilhelm
Haines, Harry Lionel
Harry, Irene Pearl
Hill, Albert Charles
Hynes, Dorothea Evelyn
Jeffrey, Frederick Samson

Johncock, John Arthur
Laurie, Leonard Buxton
Newman, Kathleen Mary
Pocock, Robert Bakon
Poynton, Mary Mabel
Taylor, Walter Leslie Frank
Thrush, Harry Clifford
von Bibra, Elizabeth Bertha
Waters, Elizabeth
Williams, Caroline Margaret
Wright, Cyril Walter

*Recommended for the Tinline Scholarship.

Modern European History (13).

Division III.

Baker, Arthur James Kendall

Economics (I.) (20).

Division II.

Hannan, Albert James, B.A., LL.B.

Division III.

Diment, William Stuart

Economics II. (20).

Division I.

Bartholomaeus, Edmund
Stanley
Hannan, Albert James, B.A.,
LL.B.

Jackson, Sarah Elizabeth,
B.A.
Robinson, Samuel Foster
Schultz, Frederick Balfour,
LL.B.

Bills, James
Davey, Constance Muriel
Olifent, Elwin Bruce

Division II.

Williams, John Carter
Winter, Claude Howard Stanley

Bathgate, John Pender
Creswell, John
Diment, William Stuart
Gratton, Francis Lymer
Harry, Irene Pearl
Hill, Albert Charles
Mills, Edward Whitfield
Northey, James Douglas

Division III.

Odgers, Josiah Walter
Ponder, Gilbert Walter
Graham
Preece, Edgar James
Proud, Millicent Farrer, B.A.
Tassie, Eric Harry
Wilkinson, Cyril Quinton
Wilkinson, Herbert John

Psychology (21).

Bagot, Edward Mead, B.A.
Burgess, Frederick Martin
Godlee, Margarey Rebecca

Division I.

Reimann, Valesca Leonore
Olive, B.A.

Gale, Frederick Julius
Head, Zuleime May

Division II.

Jacob, John Gilbert
Richards, Eva Gertrude

Baker, Arthur James Kendall
Campbell, Robert
Hill, John Holroyd
Laurie, Leonard Buxton
Menz, Anna Magdalene
Augusta
Newman, Kathleen Mary
Padman, Clarence Swann

Division III.

Pryor, Eric John
Sarre, Vera Georgina
Sharman, Florence Mary
Simons, Raymond Payne
Timcke, Edward Waldemar
Wall, Kathleen May
Williams, Caroline Margaret

Logic (22).

*Bagot, Edward Mead, B.A.
*Burgess, Frederick Martin

Division I.

} equal | Godlee, Margery Rebecca
Ham, William

Dinning, Alfred Ernest
Jacob, John Gilbert

Division II.

Richards, Eva Gertrude

Baker, Arthur James Kendall
Browne, Philip
Goss, Norman Claridge
Ide, Bessie

Division III.

Le Lacheur, Hellier
Nicholls, Jonathan Kingsley
Pryor, Eric John

*Recommended for the Roby Fletcher Prize in Psychology and Logic.

Ethics (23).

Division I.

Blair, Euphemia Theodosia, B.A.		Ham, William
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Division II.

Moyle, Sidney		Pitt, George Henry
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Division III.

Baker, Mabel Jewell		Richards, Eva Gertrude
Flint, Adela Lysander		Sanders, Grace Annie
Müller, Gerald	|	Tuck, Bernard Edward
Northey, James Douglas	|	Charles
Oswald, George Harry	|	Wemyss, Eleanor Evelyn
Poynton, Mary Mabel	|	Beatrice

Philosophy (24).

Division I.

Reimann, Valesca Leonore Olive, B.A.

Division II.

Browne, Philip

Division III.

Adey, William James	|	Gordon, Albert William
Cresswell, James Edwin	|	Hill, Albert Charles

Education (26).

Division I.

Armitage, Harold Edwin Salisbury	|	Heyne, Laura Olga Hedwig, B.A.
Carthew, Lancelot	|	Pitt, George Henry
French, Hannah Rita	|	Schultz, Frederick Balfour, LL.B.
Gooden, Edgar Lorenzo	|	Taylor, Walter Leslie Frank
Harris, Hilda Maud	|	Williams, Thomas Edward

Division II.

Bowker, Jean Eliza Ruth	|	Rosman, Alice Alvine
Fordham, Juanita Morwood	|	Sexton, Nellie Gladys
Haese, Ernst Alfred Wilhelm	|	Shaw, Kate Hambly
Haines, Harry Lionel	|	Shepherd, Eric John
Kentish, Marjorie Hope	|	Smith, Iris Eileen
Kimber, Millicent May	|	Thomas, Lorna Muriel
Maclaren, Peter Patrick	|	Wilton, Fred.
Nicholas, Frances Maud	|	

Division III.

Baaner, Oscar Ver
 Bates, Beatrice Charlotte
 Billing, Aldyth Nada
 Bryant, Margaret Emma
 Bunday, Mildred Effie Grace
 Burnett, Evelyln Constance
 Campbell, Mary Isabel
 Clark, Kathleen Mary
 Cornish, Doris Jean
 Dorsch, Agnes Laura Anna
 Evans, Evelyn Robertson
 Gust, Eva May
 Harper, Melasena Iverna
 Marjorie
 Hynes, Dorothea Evelyn
 Keley, Arthur Harold
 Kelly, Ellen

Lammey, Eva Maude
 Leach, William Valentine
 Lucas, Hylda Alice
 Marker, Hans Christian
 Mattner, Edward William
 Mitchell, Annie Nora
 Murphy, Margaret Jane
 Murdoch, Ellis Ruby
 Parham, Kingsley Bernard
 Pope, Doris Mary Adelaide
 Rodgers, Winifred Grace
 Salmon, Rita May
 Stephens, Dulcie Gladys
 Stibbles, Florence
 Waters, Elizabeth
 Wright, Cyril Walter

PURE MATHEMATICS (30).**Compulsory Mathematics, B.Sc. Course, First Year for
B.A., B.E., and Diploma in Applied Science.**

Division I.

Stephens, Cyril Forster

Division II.

(In order of merit.)

Denton, Esmond Knill

Ide, Bessie

Division III.

(In alphabetical order.)

Christie, William
 Johncock, John Arthur

Maddern, Clarence Arthur
 Wigg, Ronald Melrose

Pure Mathematics (31).

SECOND YEAR.

Division I.

(In order of merit.)

Tilley, Cecil Edgar
 Hurst, Walter William

Burdon, Roy Stanley

Division II.

(In order of merit.)

Parsons, Rex Whaddon
 Beaumont, Paul Charles

Hutcheson, George Ian De-
 wart

Division III.

(In alphabetical order.)

Gaskell, Fred.
 McRostie, Ella Kate
 Mudie, George Dempster
 Perrers, Albion Marshall

Sanders, Raymond Charles
 Smith, Raydon Berry
 White, Eric Barnard

Pure Mathematics (32).

THIRD YEAR.

Division III.

(In alphabetical order.)

Fowler, Russell Aubrey

Tuck, Harry Playford

Applied Mathematics (33).

Division I.

(In order of merit.)

Burdon, Roy Stanley
Poole, Gilbert Graham

Parsons, Rex Whaddon

Division II.

(In order of merit.)

Smith, Raydon Berry	} equal.	}
Gluis, John, B.A.		
Oldham, Wilfrid	} equal	}
Pitt, Arthur William, B.A.		
Hutcheson, George Ian	}	}
Dewart		
Nietz, Herbert Walter,	} equal	}
B.A.		
Gaskell, Fred		

Martin, William Thomas	} equal
Munn, Bertha Helen Temple	
Nicholson, Hugh John Gay	}
Cowan, Robert Francis B.A.	
Gale, Frederick	} equal
Julius	
Davies, William	}
Laurence	

Division III.

(In alphabetical order.)

Davey, Esther Marion
Hool, William Storey
Mudie, George DempsterPotts, Frank Rowland
Sanders, Raymond Charles**Applied Mechanics III. (36).**

Division II.

(In order of merit.)

Parsons, Rex Whaddon

Kneebone, Christopher Stephen

Division III.

White, Eric Barnard

Physics I. (37).**Compulsory Physics, B.Sc. Course, first year for B.A., B.E., and Diploma in Applied Science.**

Division I.

(In order of merit.)

Poole, Gilbert Graham

Stevens, Cyril Foster

Division II.

(In order of merit.)

Roach, John Carlyle
Wigg, Ronald Melrose
Hurst, Walter WilliamsMongan, Horace John
Pryce, Arthur Andrews

Division III.

(In alphabetical order.)

Christie, William	McRostie, Ella Kate
Clark, Hugh Rodney	Maddern, Clarence Arthur
Cox, Rudolph, William Arthur	Mattner, Edward William
Dickinson, Victor Knowlton	Mudie, George Dempster
Gaskell, Fred.	Padman, Clarence Swann
Gibb, Claude Dixon	Schedlich, Alfred Karl
Haese, Ernst Alfred Wilhelm	Shaw, Evelyn Percy
Hall, Arthur Gilmore	Steele, Donald McDonald
Harding, Horace Ralph	Steven, Walter Edward
Head, Zuleime May	Stevens, Norman Botting
Hool, William Storey	

Physics II. (38).

SECOND YEAR.

Division I.

None.

Division II.

None.

Division III.

(In alphabetical order.)

Goode, Kenneth Burden	Parsons, Rex Whaddon
Hutcheson, George Ian De- wart	Potts, Frank Rowland
Nicholson, Hugh John Gay	Wheaton, George

Physics III. (39).

THIRD YEAR.

Division I.

Burdon, Roy Stanley

Division II.

Goodman, Cyril William

Division III.

Tuck, Harry Playford

Physics III. (40).**Applied Science.**

None passed.

45. Compulsory Chemistry, B.Sc. Course.**Inorganic Chemistry, M.B., B.A., and M.A. Course, and
Chemistry I. Course for Diploma in Applied Science**

Division I.

Stephens, Cyril Forster

Division II.

(In order of merit.)

Steven, Walter Edward
Edwards, Hurtle Thomas
Jack

} equal |

Burton, Leonard Jamieson
Mongan, Horace John

Division III.

(In alphabetical order.)

Eustace, John Leonard
Johnson, Edwin Ralph

|

Perrers, Albion Marshall
Thomas, Charles Leslie**Chemistry, Part I., Theoretical (46).**

Division I.

Poole, Gilbert Graham

Division II.

Hurst, Walter William

Chemistry, Part I., Practical (48).

Division III.

Hurst, Walter William

Chemistry, Part II., Theoretical (47).

Division I.

(In order of merit.)

Davis, Ray

|

Longbottom, Herbert Leslie

Division II.

Reid, Frederick William

Division III.

Gault, Estelle Ruth

Chemistry, Part II., Practical (49).

Division I.

(In order of merit.)

Davis, Ray

|

Reid, Frederick William

Longbottom, Herbert Leslie

} equal |

Lapsley, Ronald George

Physical Chemistry.

One term only, being the same as that required for the First Year, M.B.

JUNE EXAMINATION.

Cole, Cyril Richard

|

Steele, Donald Macdonald

Rodger, Geoffrey James

NOVEMBER EXAMINATION.

None passed.

Organic Chemistry (51 and 53).

Division I.

(In order of merit.)

Maddern, Cecil Boase | Steele, Donald Macdonald

Division II.

Moyes, Alban George

Division III.

(In alphabetical order.)

Campbell, Thomas Draper | Rodger, Geoffrey James

Compulsory Physiography (55a).

Division I.

(In order of merit.)

Berriman, Ralph Vaughan | Burdon, Roy Stanley

Division II.

(In order of merit.)

Stephens, Cyril Forster | Dumas, Russell John } equal
Beare, Frank Howard | Hurst, Walter William }

Division III.

(In alphabetical order.)

Potts, Frank Rowland | Tuck, Harry Playford

Geology, Part 1 (55 B, C, and D).

Division II.

Riddle, Arthur Raymond

Division III.

Yates, Donald

Geology II. (56 G, H, I).

Division I.

Gault, Estelle Ruth

Mineralogy I. (55 E and F).

Division II.

Riddle, Arthur Raymond

Mineralogy II. (56).

Division I.

Tilley, Cecil Edgar

Elementary (Compulsory) Botany (62).

Division I.

(In order of merit.)

*Smith, Marjorie Florence | Poynton, Mary Mabel } equal
Burdon, Roy Stanley | Stephens, Cyril Forster }

*Recommended for the John Bagot Scholarship and Medal.

Division II.

(In order of merit.)

Baker, Ellie May	} equal	Flint, Adela Lysander
Wall, Kathleen May		Mawby, Olga Gates
		Cole, Cyril Richard

Division III.

(In alphabetical order.)

Limb, Arthur	|	Tuck, Harry Playford
Sard, Thomas Balfour Cooper	|	Willecock, Olive Amelia

Elementary (Compulsory) Biology (66).

Division I.

None.

Division II.

None.

Division III.

(In alphabetical order.)

Blair, Euphemia Theodosia, B.A.	|	Hurst, Walter William
Coulter, Reginald Bruce	|	Hutley, Walter Fritz Stephen
Dorsch, Agnes Laura Anna	|	Purton, David Gabriel
Glynn, Robert McMahon	|	Rodger, Geoffrey James
Hall, Reginald Dalton McKellar	|	Steven, Walter Edward
Hills, George Ridge	|	Stevens, Norman Botting
	|	Thomas, Charles Leslie

Physiology (68).

MAY EXAMINATION.

Division II.

Wilkinson, Herbert John

NOVEMBER.

None passed.

Forest Botany (65c).

Division III.

Cole, Cyril Richard

Forest Geology (71b).

Division II.

Cole, Cyril Richard

Division III.

Rodger, Geoffrey James

Forest Entomology (71c).

Division III.

Stoate, Theodore Norman

Forestry, (71e) Section A.

None passed.

Forestry (71e), Section B.

Division II.

Cole, Cyril Richard

Division III.

Rodger, Geoffrey James

| Stoate, Theodore Norman

Surveying (Forestry Course), (71d). DIPLOMA COURSE.

Division II.

Cole, Cyril Richard

Division III.

Rodger, Geoffrey James

| Stoate, Theodore Norman

Forestry (71e), Sections A and B.

Division II.

Pinches, Alfred Leslie

| Schedlich, Alfred Karl

Applied Mechanics II. (73).

Division I.

Somerville, Hugh Norman
Goodman, Cyril William

equal

Division II.

Berriman, Robert Harrold

Division III.

Robin, Geoffrey Dequetteville

White, Eric Barnard

Assaying I. (Mining) (75).

Division II.

Kneebone, Christopher Stephen

Assaying II. (Mining), (77).

Division III.

Yates, Donald

Assaying II. (Electrical Course B.), (78).

Division III.

Berriman, Robert Harrold

Drawing I. (81).

Second Grade Plane Geometry.

Cox, Rudolph William Arthur	|	Poole, Gilbert Graham
Mongan, Horace John	|	Wigg, Ronald Melrose

Intermediate Solid.

Gaskell, Fred	|	Poole, Gilbert Graham
Mongan, Horace John	|	Wigg, Ronald Melrose

Intermediate Perspective.

Gaskell, Fred	|	Poole, Gilbert Graham
Mongan, Horace John	|	Wigg, Ronald Melrose

Solid Geometry.

Gaskell, Fred	|	Wigg, Ronald Melrose
Poole, Gilbert Graham	|	

Drawing II. (82).

Division I.

Hutcheson, George Ian Dewart

Division II.

Nicholson, Hugh John Gay

Division III.

Mudie, George Dempster	|	Smith, Raydon Berry
Sanders, Raymond Charles	|	White, Eric Barnard

Drawing III. (83).

Division III.

Yates, Donald

Electrical Engineering I. (85A).

Division I.

(In order of merit.)

Goodman, Cyril William		Berriman, Robert Harrold
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Division II.

Somerville, Hugh Norman		Yates, Donald
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Division III.

Smith, Raydon Berry		Denton, Esmond Knill
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Fitting and Turning I. (86).

Gaskell, Fred		Mongan, Horace John
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Division II.

Cox, Rudolph William Arthur		Poole, Gilbert Graham	} equal
		Wigg, Ronald Melrose	

Fitting and Turning II. (87).

Division II.

Nicholson, Hugh John Gay

Division III.

Hutcheson, George Ian Dewart | Pellew, Clarence Everard

Hydraulics (89).

Division I.

Goodman, Cyril William

Division II.

(In order of merit.)

Somerville, Hugh Norman
Berriman, Robert Harrold

Kneebone, Christopher Stephen

Division III.

None passed.

Machine Design I. (90).

Division I.

Somerville, Hugh Norman

Division II.

Goodman, Cyril William
Berriman, Robert Harrold

Yates, Donald

Mechanical Engineering I. (93).

Division II.

Wigg, Ronald Melrose

Poole, Gilbert Graham

Division III.

Gaskell, Fred

Mechanical Engineering II. (94).

Division III.

Denton, Esmond Knill
Hutcheson, George Ian Dewart
Nicholson, Hugh John GaySanders, Raymond Charles
Smith, Raydon Berry**Mechanical Engineering III. (95).**

Division I.

Berriman, Robert Harrold

Somerville, Hugh Norman

Division II.

Goodman, Cyril William

Division III.

Dart, Ralph John

Metallurgy I. (Theory), (97).

Division II.

Yates, Donald

Mining 1a. (101).

Division I.

Berriman, Ralph Vaughan

Division II.

Yates, Donald

Division III.

Kneebone, Christopher Stephen

Mining I b. (Ore Dressing), (103).

Division II.

Yates, Donald

Division III.

Kneebone, Christopher Stephen

Railway Engineering (105).

Division I.

None.

Division II.

Parsons, Rex Whaddon

Division III.

(In alphabetical order.)

Kneebone, Christopher Stephen

White, Eric Barnard

Pellew, Clarence Everard

Surveying and Levelling (106).

Division III.

Nicholson, Hugh John Gay

Smith, Raydon Berry

Woodwork (108).

Division II.

Gaskell, Fred

Division III.

Cox, Rudolph William Arthur

Wigg, Ronald Melrose

EXAMINATION FOR THE DEGREE OF BACHELOR OF LAWS.

PASS LIST.

(In order of merit.)

Law of Property, Part I. (110).

THIRD CLASS.

Gifford, Alfred Silva Harril Peirce, Herbert Smith, Paul Teesdale Landvogt, Joseph Ignatius Waterhouse, Arthur Greaves	} equal	Kitson, Mary Cecil Genders, Eustace Alexander Martin, Hugh Wallis Clarke, Laurence Eric	} equal
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Property II. (111).

THIRD CLASS.

Davenport, Arthur Vernon Ross, Dudley Bruce Moulden, Arnold Meredith Waterhouse, Louis David Delbridge, Sandford Rhodes Hicks, Francis Gibson	} equal	Varley, William Badger, Magnus Piper, Harold Bayard Alderman, Henry Graham Nesbit, Hubert Gordon Pariss	} equal
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Law of Contracts (112).

FIRST CLASS.

Ziesing, George Ignatius

SECOND CLASS.

Waterhouse, Arthur Greaves		Burns, Leonard James
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THIRD CLASS.

Bogner, Ernst Wilhelm Georg Martin, Hugh Wallis Sutherland, Allan James Lavis		North, Charles Vincent Rice Peirce, Herbert Reid, John Tennyson
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Law of Wrongs (113).

FIRST CLASS.

McGee, John

SECOND CLASS.

Kerr, Donald Delbridge, Sandford Rhodes Clarke, Laurence Eric		Kirkman, Kenneth Hains- worth Badger, Magnus
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THIRD CLASS.

Kitson, Mary Cecil Hicks, Francis Gibson		Smith, Paul Teesdale Cleland, Thomas Erskine
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Evidence and Procedure (114).

FIRST CLASS.

Kerr, Donald		Moulden, Arnold Meredith	} equal
		Ross, Dudley Bruce	

SECOND CLASS

Davenport, Arthur Vernon	} equal
Waterhouse, Louis David	

THIRD CLASS.

Povey, Edward	|	Piper, Harold Bayard
Mellor, Thomas Reginald	|	Millhouse, Eric William John

Constitutional Law (115).

SECOND CLASS.

Landvogt, Joseph Ignatius

THIRD CLASS.

Povey, Edward	|	Skewes, Edward Foster
Nesbit, Hubert Gordon Pariss		Davey, Robert Shannon
Alderman, Henry Graham		

Private International Law (118.)

FIRST CLASS.

Moulden, Arnold Meredith	|	Kerr, Donald	} equal
		Ross, Dudley Bruce	

SECOND CLASS.

Hicks, Francis Gibson	|	Millhouse, Eric William John	} equal
Davenport, Arthur Vernon		Piper, Harold Bayard	
		Waterhouse, Louis David	

THIRD CLASS.

Badger, Magnus	} equal	|	Abbott, Charles Arthur Hillas
McGee, John			Lempriere, B.A.
Kirkman, Kenneth Hainsworth			Delbridge, Sandford Rhodes
			Mellor, Thomas Reginald
			Davey, Robert Shannon

Greek (1.)

SECOND YEAR.

Division III.

Skewes, Edward Foster

Latin (2).

FIRST YEAR.

Division I.

Burns, Leonard James

PASS LISTS.

Division II.

North, Charles Vincent Rice

Division III.

(In alphabetical order.)

Sutherland,
Lavis

Allan James

Waterhouse, Arthur Greaves

English Language and Literature (8).

Division III.

Millhouse, Eric William John

German (10).

SECOND YEAR.

Division III.

Bogner, Ernst Wilhelm Georg

History of the United Kingdom (12).

None passed.

Psychology (21).

Division II.

Burns, Leonard James

Division III.

Davey, Robert Shannon

Logic (22).

Division II.

Burns, Leonard James

Division III.

Mellor, Thomas Reginald

Recommended for Stow Prizes—

Donald, Kerr

Dudley, Bruce Ross

Arnold, Meredith Moulden

Recommended for the David Murray Scholarship in Private International Law.

Arnold, Meredith Moulden

**ORDINARY EXAMINATION FOR THE DEGREES OF
BACHELOR OF MEDICINE AND BACHELOR OF
SURGERY.**

NOVEMBER, 1914.

PASS LIST.

(All classes in order of merit.)

FIRST YEAR.

FIRST CLASS.

*Pryor, William Arthur	} equal	McNeill, John	} equal
Cilento, Raphael West		Pomroy, Harry Roy	
Wilson, Laurence Algernon		Shanasy, William Bonwill	
Lindon, Leonard Charles		Keipert, Leslie James	
		Gurner, Colin	
		Richards, Clarence	

SECOND CLASS.

McGlew, Phyllis Dorothy	} equal	Bollen, Kenneth Wil-	} equal
Wallmann, Douglas Kendal		loughby	
Collins, William Kendall		Broadbent, Harold	
Taylor, Benjamin Thomas		Walter	
		Messent, Philip Santo	

*Recommended for the Elder Prize.

THIRD CLASS.

None.

Passed in Anatomy, Physiology, and Physiological Chemistry,
Linn, Leslie Wadmore

thus completing the first year.

SECOND YEAR.

FIRST CLASS.

*Gillen, John Besley	|	'Grant, Richard	Longford
		Thorold	

SECOND CLASS.

Webb, John Newton	} equal
Bean, Alan Reid	
Broadbent, Eric Elihu	
Lendon, Guy Austin	} equal
O'Neill, Sydney	
Beare, Frank Howard	} equal
Kendrew, George Harry	

THIRD CLASS.

Symons, Eric Lindsay	} equal	Davies, Harold Whitridge
Moore, Brian Formby		Hall, Norman Bruce
Rolland, James Alexander		

*Recommended for the Elder Prize.

THIRD YEAR.
(New Regulations.)

FIRST CLASS.

*Plotz, Oscar Arnold } equal | Cairns, Hugh William Bell
*Southwood, Albert Ray }

SECOND CLASS.

Black, Geoffrey Howard

THIRD CLASS.

None.

*Recommended for the Dr. Davies Thomas Scholarship.

THIRD CLASS.

(Old Regulations.)

Burden, Clive Britten

Special Examinations in October.

Passed—Equal to Third Class.

(Old Regulations.)

Webb, Walter Frederick Swanton

(New Regulations.)

Gault, Arthur Kyle

NOVEMBER.

FOURTH YEAR.

FIRST CLASS.

*Rice, Patrick William } equal | Barlow, Douglas Lewis
*Jose, Ivan Bede }

SECOND CLASS.

Love, John Alexander } equal | Ashby, Ivan Edwin
Guymer, Arthur Howes } equal | Sweeney, James Gladstone } equal
| | Wien-Smith, Geoffrey }

THIRD CLASS.

Wyllie, Hugh Alexander } equal
Kollosche, Harold Frank } equal
Birch, John Bright } equal
Abbott, Nigel Basil Gresley }

*Recommended for the Dr. Davies Thomas Scholarship.

FIFTH YEAR.

(In order of merit.)

FIRST CLASS.

None.

SECOND CLASS.

Haste, Reginald Arthur, } equal | Beard, Jack Roland Stan-
B.Sc. } equal | ley Grose } equal
Turner, Charles Trevor } equal | Wall, Frederick Laurence } equal
| | Smith, Walter Leonard }

THIRD CLASS.

Steele, Kenneth Nugent	} equal	Guymer, Ernest Albert	} equal
Wibberley, Brian William, B.Sc.		Strachan, James Charles	
George, Mildred May		Power	
Hayward, Lancelot Alfred		Gardner, John Forrest	
Williams, Arthur Evan		Godfrey, Kirke Charles	
Cockburn, Patrick			

Special Supplementary Examination in December.

Pathology.

Phillips, William James Ellery
thus completing his Fourth Year.

ORDINARY EXAMINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

PASS LIST.

(In alphabetical order.)

FIRST YEAR.

FIRST CLASS.

Stephens, Nellie Gwendoline

SECOND CLASS.

Howard, Winifred Jean

THIRD CLASS.

Gill, Hilda Beatrice

Simpson, Ralph James

SECOND YEAR.

SECOND CLASS

Patrick, Elsie Furneaux

THIRD YEAR.

None passed.

EXAMINATION FOR DIPLOMA OF ASSOCIATE IN MUSIC.

PASS LIST.

FIRST YEAR.

Principal Subject.

Breheny, Mary Cecilia	Singing
Carrack, Mary Anastasia	Singing
Cox, Hilda Agnes Baxter	Singing
Fenton, Ellen Fairlie	Singing
Flaherty, Jens Michael	Violin
Gepp, Beatrice Adelaide	Singing
Gill, Hilda Beatrice	Singing
Griffiths, George Townsend	Pianoforte
Howard, Irene Marguerite	Singing
Limbirt, Grace Chibnall	Singing
Meegan, Kathleen Mary	Violin
Sara, Lily Emmaline	Pianoforte
Shierlaw, Gladys Lennox	Singing
Spriggs, Harriet Rosetta	Pianoforte
Sutton, Vida Muriel	Singing
Underdown, Gladys Mary	Singing
Wall, Myrtle Trilby	Singing

SECOND YEAR.

	Principal Subject,
Andrew, Una Lois	Singing
Baulderstone, Clarice Moo'e	Pianoforte
Collins, Ella Mary	Singing
Griffiths, George Townsend	Pianoforte
Howard, Winifred Jean	Singing
Ingham, Myrtle Lavinia	Singing
James, Vida Marguerite	Singing
Leech, Doris Lillian	Singing
Levasseur, Kate	Singing
Martin, Thelma Dorothy	Singing
Mewkill, Paula Mary	Violin
Simcock, Hilda May	Singing
Smith, Grace Daisy	Singing
Stevens, John Georgina	Violin
Thrush, Annie Vera	Singing

THIRD YEAR.

	Principal Subject
Griffiths, George Townsend	Pianoforte
Oldham, Dorothy	Pianoforte
Rowe, Florence Nellie	Singing
Vardon, Daisy	Singing

EXAMINATION FOR THE DIPLOMA IN COMMERCE.

PASS LIST.

(In alphabetical order.)

Banking and Exchange.

Division I.

Angwin, Harry Delmege

Division II.

Choat, Raymond Hadden
 Clark, Harold Ernest
 Cooling, George Harrold
 Crossman, Gordon Llewellyn
 Harris, Frank Reginald

Sambell, Frederick James
 Sutton, Charles Ronald
 Thew, John Ridley
 Watts, George Gordon
 Wilson, Thomas Stewart

Division III.

Appleby, William Frederick
 Blair, Frederick Alexander
 Burdon, Harold George
 Chapple, Herbert Horace
 Feain, John Joseph
 Gill, Franklin
 Hains, Charles Ralph Alexander
 Hall, Cecil Lisle
 Hardy, Walter Cyprian
 Hillary, Michael James
 Holker, James Ralph

Hughes, Leonard Headland
 James, Charles Kingsley
 Lord, James Herbert
 McLean, Milroy Trail
 Mengerson, Norman Victor
 Mitchell, Bruce
 Roeger, Rudolph Victor Edelbert
 Storer, Leslie Alfred
 West, Wilfred Arnold
 Wright, Sydney Charles

Commercial Geography.

Division I.

Mengerson, Norman Victor

Division II.

Cant, Leonard George
Carter, Howard Oliver
Choat, Raymond HaddenMills, Edward Whitfield
Sambell, Frederick James
Young, Graham Hosie

Division III.

Anthony, Guy Liddon
Barnes, Cecil Thomas
Bathgate, John Pender
Battye, George Harry
Battye, Ross
Bishop, William Poole
Brown, Robert Eric BruceHains, Charles Ralph Alexander
Hogben, Horace Cox
Howie, George Percival
Miller, Gavin Robert
Moyes, Cecil Clarence
Williams, Eric Spencer
Williams, John Carter
Wright, Sydney Charles**Commercial Law.**

Division III.

Battye, George Harry

Economics I. (20).

None passed.

Economics II. (20).

Division II.

Olifent, Elwin Bruce
Williams, John CarterWinter, Claude
Stanley, Howard

Division III.

Bathgate, John Pender
Creswell, John
Mills, Edward Whitfield
Ponder, Gilbert Walter GrahamPreece, Edgar James
Tassie, Eric Harry
Wilkinson, Cyril Quinton

LETTERS PATENT.

Dated 22nd March, 1881.

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

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

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

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

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

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

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

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

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

By Warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER
FOR RECOGNISING DEGREES IN SURGERY AND ENGINEERING.

Dated 2nd September, 1913.

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

Whereas Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight Com-

mander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University

And whereas under and by virtue of the provisions of an Act of the Legislature of South Anstralia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

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

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

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

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

Witness our self at Westminster the second day of September in the fourth year of our Reign

By Warrant under the King's Sign Manual

ACT OF INCORPORATION.

The Adelaide University Act.

No. 20 OF 1874.

Preamble.

WHEREAS it is expedient to promote sound learning in the Province of South Australia, and with that intent to establish and incorporate, and endow an University at Adelaide, open to all classes and denominations of Her Majesty's subjects: And whereas Walter Watson Hughes, Esquire, has agreed to contribute the sum of Twenty Thousand Pounds towards the endowment of two chairs or professorships of such University, upon terms and conditions contained in a certain Indenture bearing date the twenty-fourth day of December, one thousand eight hundred and seventy-two, and made between the said Walter Watson Hughes and Alexander Hay, Esquires, representing an Association formed for the purpose of establishing such University, a copy of which said Indenture is set forth in the Schedule hereto; be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

University to consist of Council and Senate.

1. An University, consisting of a Council and Senate, shall be established at Adelaide, and when duly constituted and appointed according to the provisions of this Act, shall be a body politic and corporate by the name of "The University of Adelaide," and by such name shall have perpetual succession, and shall adopt and have a common seal, and shall by the same name sue and be sued, plead and be impleaded, answer and be answered unto in all Courts in the said province, and shall be capable in law to take, purchase, and hold all goods, chattels, and personal property whatsoever, and shall also be able and capable in law to receive, take, purchase, and hold for ever, not only such lands, buildings, and hereditaments, and possessions, as may from time to time be exclusively used and occupied for the immediate requirements of the said University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in the said Province, or elsewhere, and shall be able and capable in law to grant, demise alien, or otherwise dispose of all or any of the property,

real or personal, belonging to the University, and also to do all other matters and things incidental or appertaining to a body politic and corporate: Provided always, that until the Senate of the said University shall have been constituted as herein enacted, the said University shall consist of a Council only: Provided further, that it shall not be lawful for the said University to alien, mortgage, charge, or demise any lands, tenements, or hereditaments, of which it shall have become seised, or to which it may become entitled by grant, purchase, or otherwise, unless with the approval of the Governor of the said Province for the time being, except by way of lease for any term not exceeding twenty-one years from the time when such lease shall be made, in and by which there shall be reserved during the whole of the term the highest rent that can be reasonably obtained for the same, without fine.

First Council by whom appointed.

Election of Chancellor and Vice-Chancellor.

2. The first Council of the said University shall be nominated and appointed by the Governor within three months after the passing of this Act, and shall consist of twenty councillors, and the said Council shall elect a Chancellor and a Vice-Chancellor; and whenever a vacancy shall occur in the office of Chancellor or Vice-Chancellor, either by death, resignation, expiration of tenure, or otherwise, the said Council shall elect a Chancellor or Vice-Chancellor, as the case may be, instead of the Chancellor or Vice-Chancellor occasioning such vacancy, the Vice-Chancellor in all cases shall be elected by the said Council out of their own body, and the Chancellor, if not a member of the said Council at the time of his election, shall, from and after his election, become a member of the said Council during the term of his office, and in any such case, and for such period, the Council shall consist of twenty-one councillors. Each Chancellor and Vice-Chancellor shall hold his office for five years, or, except in the case of the first Chancellor and Vice-Chancellor, for such other term as shall be fixed by the statutes and regulations of the University made previously to the election: Provided that there shall never be more than four ministers of religion members of the said Council at the same time.

Vacancies in the Council, how created and filled.

3. At the expiration of the third year, and thereafter at the expiration of each year, the five members of the Council who shall have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period, the order of their retirement shall be decided by ballot, and all vacancies which shall occur in the said Council by retirement,

death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall at meetings to be duly convened for that purpose elect; or, if the Senate shall not have been constituted, such vacancies shall be forthwith reported by the Chancellor to the Governor, who shall within three months after such report nominate persons to fill such vacancies, or if the Senate shall fail to elect within six months then the Governor shall nominate persons to fill such vacancies.

Senate how constituted.

4. As soon as the said Council shall have reported to the Governor that the number of graduates admitted by the said University to any of the Degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, or Doctor of Music, and of graduates of three years' standing, is not less than fifty, and such report shall have been published in the *Government Gazette*, the Senate shall be then constituted, and shall consist of such graduates, and of all persons thereafter admitted to such degrees, or who may become graduates of three years' standing, and a graduate of another University admitted to a degree in the University of Adelaide shall reckon his standing from the date of his graduation in such other University, and the Senate shall elect a Warden out of their own body annually, or whenever a vacancy shall occur.

Questions how decided, quorum.

5. All questions which shall come before the said Council or Senate respectively shall be decided by the majority of the members present, and the chairman at any such meeting shall have a vote, and in case of an equality of votes, a casting vote, and no question shall be decided at any meeting of the said Council unless six members thereof be present, or at any meeting of the said Senate unless twenty members thereof be present.

Chairmanship of Council and Senate.

6. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as chairman, and at every meeting of the Senate the Warden shall preside as chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden the members of the Senate present shall elect a chairman.

Council to have entire management of the University.

7. The said Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the said

University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the statutes and regulations of the said University.

Council to make statutes and regulations with approval of the Senate.

8. The said Council shall have full power to make and alter any statutes and regulations (so as the same be not repugnant to any existing law or to the provisions of this Act) touching any election or the discipline of the said University, the number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants thereof, the matriculation of students, the examination for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively, the fees to be charged for matriculation, or for any such examination or degree, the lectures or classes of the professors and lecturers, and the fees to be charged, the manner and time of convening the meetings of the said Council and Senate and in general touching all other matters whatsoever regarding the said University: Provided always that so soon as the Senate of the said University shall have been constituted, no new statute or regulation or alteration or repeal of any existing statute, shall be of any force until approved by the said Senate.

Colleges may be affiliated, and boarding houses licensed.

9. It shall be lawful for the said University to make any statutes for the affiliation to or connection with the same of any college or educational establishment to which the governing body of such college or establishment may consent, and for the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of such licences: Provided always that no such statutes shall affect the religious observances or regulations enforced in such colleges, educational establishments, or boarding-houses.

Statutes and Regulations to be allowed by Governor.

10. All such statutes and regulations as aforesaid shall be reduced to writing, and the common seal of the said University having been affixed thereto, shall be submitted to the Governor to be allowed and countersigned by him, and if so allowed and countersigned, shall be binding upon all persons members of the said University, and upon all candidates for degrees to be conferred by the same.

Limitation of the powers of Council as regards the chairs founded by W. W. Hughes.

11. The powers herein given to the Council shall, so far as the same may effect the two chairs or professorships founded by the said Walter Watson Hughes, and the two professors appointed by him, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the before-mentioned indenture.

University to confer degrees.

12. The said University shall have power to confer, after examination, the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, and Doctor of Science, Bachelor of Music, and Doctor of Music, according to the statutes and regulations of the said University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree, of persons who may have graduated at any other University.

Students to be in residence during term.

13. Every undergraduate shall, during such term of residence as the said University may by statute appoint, dwell with his parent or guardian, or with some near relative or friend selected by his parent or guardian, and approved by the Chancellor or Vice-Chancellor, or in some collegiate or educational establishment affiliated to or in connection with the University, or in a boarding-house licensed as aforesaid.

No religious test to be administered.

14. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the said University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

Endowment by annual grant.

15. It shall be lawful for the Governor by warrant under his hand addressed to the Public Treasurer of the Province, to direct to be issued and paid out of the General Revenue an annual grant, equal to Five Pounds per centum per annum on the said sum of Twenty Thousand Pounds contributed by the said Walter Watson Hughes, and on such other moneys as may from time to time be given to and invested by the said body corporate upon trusts for the purposes of such University, and on the value of property real or personal, securely vested in the said body corporate, or in trustees, for the purposes of the said University, except the real property mentioned in clause 16 of this Act; and such annual grant shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several professors, lecturers, examiners, officers, and servants to be appointed by such University and for defraying the expense of such fellowships, scholarships, prizes, and exhibitions, as shall be awarded for the encouragement of students in such University, and for providing a library for the same, and for discharging all necessary charges

connected with the management thereof: Provided that no such grant shall exceed Ten Thousand Pounds in any one year.

Endowment in Land.

16. The Governor, in the name and on behalf of Her Majesty, may alienate, grant, and convey in fee-simple to such University or may reserve and dedicate portions of the waste lands of the said Province, not exceeding fifty thousand acres, for the purpose of the University and the further endowment thereof; and the Governor may in like manner, and on behalf of Her Majesty, alienate, grant, and convey in fee-simple to such University, or may reserve and dedicate a piece of land in Adelaide, East of the Gun Shed and facing North Terrace, not exceeding five acres, to be used as a site* for the University buildings and for the purposes of such University: Provided that the lands so granted shall be held upon trust for the purposes of such University, such trusts to be approved by the Governor.

University of Adelaide included in Ordinance No. 17 of 1844.

17. The University of Adelaide shall be deemed to be an University within the meaning of section 1† of Ordinance No. 17 of 1844, entitled "An Ordinance to define the qualifications of Medical Practitioners in this Province for certain purposes."

Council or Senate to report annually to the Governor.

18. The said Council or Senate shall, during the month of January in every year, report the proceedings of the University during the previous year to the Governor, and such report shall contain a full account of the income and expenditure of the said University, audited in such manner as the Governor may direct, and a copy of every such report, and of all the statutes and regulations of the University, allowed as aforesaid by the Governor, shall be laid in each year before the Parliament.

Governor to be Visitor.

19. The Governor for the time being shall be the Visitor of the said University, and shall have authority to do all things which appertain to Visitors as often as to him shall seem meet.

Short Title.

20. This Act may be cited as "The Adelaide University Act."

*An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

† This section has been repealed by Act No. 193 of 1880, which recognizes (amongst others) the following qualifications:—"Doctor or Bachelor of Medicine or Master in Surgery of any chartered University in Her Majesty's Dominions authorised to grant Degrees in Medicine and Surgery."

SCHEDULE REFERRED TO.

This Indenture, made the twenty-fourth day of December, one thousand eight hundred and seventy two, between Walter Watson Hughes, of Torrens Park, near Adelaide, in the Province of South Australia, Esquire, of the one part, and Alexander Hay, of Adelaide, aforesaid, Esquire, Treasurer of the Executive Council of the University Association, of the other part: Whereas the said Walter Watson Hughes is desirous that a University should be established in the said Province, to be called "The Adelaide University," and has agreed to assist in the foundation of such University, by contributing the sum of Twenty Thousand Pounds in endowing by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy: And whereas the said Walter Watson Hughes, his executors or administrators is or are entitled to nominate and appoint the two first Professors to such chairs: And whereas an Association has been formed, and has undertaken to endeavour to found and establish such University, and has appointed an Executive Council: And whereas the said Alexander Hay has been appointed Treasurer of the said Executive Council: Now this Indenture witnesseth, that in consideration of the premises, the said Walter Watson Hughes doth hereby for himself, his heirs, executors, and administrators covenant with the said Alexander Hay, his executors and administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will, on or before the expiration of ten years from the date hereof pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds Sterling: And will in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments: And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs: And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M.A., Incumbent of the Church of England in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature: And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other of such chairs as Professor of English Language and Literature, and Mental and Moral Philosophy: And it is hereby agreed and declared that the annual income and interest of the said sum of Twenty Thousand Pounds, shall be applied for the purposes aforesaid in equal sums quarterly and for no other purpose whatever: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall be held by the Treasurer of the said University, or by the Corporation thereof, when the said University shall become incorporated, for the purpose of paying and applying the annual interest and income thereof equally endowing two chairs or professorships in the said University, one of such chairs or professorships being Classics and Comparative Philology and Literature, and the other of such chairs or 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.

ships being English Language and Literature, and Mental and Moral Philosophy: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested upon South Australian Government Bonds, Debentures or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid: In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

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

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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