

# CALENDAR

OF THE

# UNIVERSITY OF ADELAIDE

FOR THE YEAR

# 1918.

ADELAIDE :

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

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1918.

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## N O T I C E.

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The undermentioned are published in separate volumes :—

1. Regulations, Details of subjects, Examination Papers, and Examiners' Report of the Public Examinations in General Education.
2. Regulations, Details of Subjects, and Examination Papers of the Public Examinations in Music.
3. Regulations and Details of Subjects of the B.A. and B.Sc. Degrees, and of the Diploma Courses in Applied Science and in Commerce.
4. Degree Examination Papers for 1917.

## P R E F A C E .

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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.

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

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

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

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

The Senate consists of all graduates of the degree of Master or Doctor, and all other graduates of three years' standing. All Statutes and Regulations must be passed both by the Council and by the Senate and approved by the Governor of South Australia, who is *ex officio* Visitor of the University.

The number of graduates admitted by examination since the establishment of the University is 832, and the number admitted *ad eundem gradum*, 320. The number of undergraduates in 1917 was 309 (exclusive of 10 graduates in arts proceeding to the M.A. degree), and of non-graduating students, 217. The number of those studying at the Elder Conservatorium was 292. The teaching staff of the University comprises 11 Professors and 37 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 and the State Conservatorium of Music of New South Wales), several grades in both Practice and Theory.

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

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1918.

JANUARY XXXI.

1	TU	New Year's Day. Commonwealth inaugurated, 1901.
2	W	
3	TH	
4	F	
5	S	
6	S	
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	Finance Committee meet. Council Meeting. Anniversary Foundation of Australia, 1788.
21	M	
22	TU	
23	W	
24	TH	
25	F	
26	S	
27	S	Public Holiday, Anniversary Foundation of Australia.
28	M	
29	TU	
30	W	
31	TH	

		FEBRUARY XXVIII.	1918.
1	F		
2	S		
3	S		
4	M		
5	TU		
6	W		
7	TH		
8	F		
9	S		
10	S		
11	M		
12	TU	Last day of entry for LL.B., Supplementary Degree, and Senior Public Examinations in March.	
13	W		
14	TH		
15	F	Education Committee meet.	
16	S		
17	S		
18	M		
19	TU		
20	W		
21	TH	Finance Committee meet.	
22	F	Council Meeting.	
23	S		
24	S	Conservatorium First Term begins.	
25	M		
26	TU		
27	W		
28	TH	Last day of entry for Evening Studentships.	



1918.		MARCH XXXI.
1	F	
2	S	
3	S	
4	M	
5	TU	
6	W	
7	TH	
8	F	
9	S	
10	S	<p>Long vacation ends.            First Term begins. LL.B., Supplementary Degree, and            Senior Public Examinations begin.</p> <p>Education Committee meet.            Last day for sending to Clerk notices of motion            for meeting of Senate on 27th March.</p>
11	M	
12	TU	
13	W	
14	TH	
15	F	
16	S	
17	S	<p>Lectures begin.</p> <p>Finance Committee meet.            Council Meeting.</p>
18	M	
19	TU	
20	W	
21	TH	
22	F	
23	S	
24	S	<p>Senate Meeting.</p> <p>Good Friday.</p>
25	M	
26	TU	
27	W	
28	TH	
29	F	
30	S	
31	S	Easter Day.

APRIL XXX.		1918.
1	M	Easter Monday.  Last day of entry for Public Examinations in Theory and Practice of Music.
2	TU	
3	W	
4	TH	
5	F	
6	S	
7	S	
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. Conservatorium First Term ends.
22	M	
23	TU	
24	W	
25	TH	
26	F	
27	S	
28	S	
29	M	
30	TU	

1918.

MAY XXXI.

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

		JUNE XXX.	1918.
1	S		
2	<b>S</b>	King George V. born, 1865. Public Holiday. Second Term begins. Lectures resumed.	
3	M		
4	Tu		
5	W		
6	Th		
7	F		
8	S		
9	<b>S</b>		
10	M		
11	Tu		
12	W		
13	Th		
14	F		
15	S		
16	<b>S</b>		
17	M		
18	Tu		
19	W		
20	Th		
21	F	Education Committee meet.	
22	S		
23	<b>S</b>	Prince of Wales born, 1894.	
24	M	Public Holiday. Prince of Wales' Birthday Celebration.	
25	Tu		
26	W		
27	Th	Finance Committee meet.	
28	F	Council Meeting.	
29	S		
30	<b>S</b>		

1918.

JULY XXXI.

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

AUGUST XXXI.		1918.
1	TH	
2	F	
3	S	
4	S	
5	M	
6	TU	
7	W	
8	TH	
9	F	
10	S	
11	S	
12	M	
13	TU	
14	W	Last day of entry for Public Examinations in Theory and Music, to be held in September.
15	TH	
16	F	Second Term and Lectures end.
17	S	
18	S	
19	M	Primary Public Examination begins.
20	TU	
21	W	
22	TH	Education Committee meet.
23	F	
24	S	
25	S	
26	M	
27	TU	
28	W	
29	TH	Finance Committee meet.
30	F	Council Meeting.
31	S	

1918.

SEPTEMBER XXX.

1	<i>S</i>	Third Term begins. Lectures resumed. Last day for sending in exercise for the Mus. Doc. Degree.
2	<i>M</i>	
3	<i>TU</i>	
4	<i>W</i>	
5	<i>TH</i>	
6	<i>F</i>	
7	<i>S</i>	
8	<i>S</i>	Conservatorium Third Term, ends.
9	<i>M</i>	
10	<i>TU</i>	
11	<i>W</i>	
12	<i>TH</i>	
13	<i>F</i>	
14	<i>S</i>	
15	<i>S</i>	Examination in Practice of Music begin.
16	<i>M</i>	
17	<i>TU</i>	Examination in Theory of Music. Education Committee meet.
18	<i>W</i>	
19	<i>TH</i>	
20	<i>F</i>	
21	<i>S</i>	
22	<i>S</i>	Finance Committee meet. Council Meeting.
23	<i>M</i>	
24	<i>TU</i>	
25	<i>W</i>	
26	<i>TH</i>	
27	<i>F</i>	
28	<i>S</i>	
29	<i>S</i>	Last day for sending in compositions for the Mus. Bac. degree and thesis for the M.A. Honours degree. Conservatorium Fourth Term begins.
30	<i>M</i>	

OCTOBER XXXI.		1918.
1	TU	Last day of entry for the Junior, Senior, and Higher Public, the Junior and Senior Commercial, and the Angas Engineering Exhibition Examinations, to be held in November.
2	W	
3	TH	
4	F	
5	S	
6	S	Meeting of the University to elect representatives on the Board of Governors of the Public Library, &c. Public Holiday (Eight Hours' Day).
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	Finance Committee meet. Council Meeting. Lectures end.
21	M	
22	TU	
23	W	
24	TH	
25	F	
26	S	
27	S	
28	M	
29	TU	
30	W	
31	TH	



1918.		NOVEMBER XXX.	
1	F	Last day of entry for the John L. Young Scholarship for research.	
2	S		
3	S	Degree and Diploma Examinations begin.	
4	M		
5	TU		
6	W		
7	TH		
8	F		
9	S		
10	S	Public Examinations and Angas Engineering Exhibition Examination begin.	
11	M		
12	TU		
13	W		
14	TH		
15	F		
16	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 27th.	
17	S	Education Committee meet.	
18	M		
19	TU		
20	W		
21	TH		
22	F		
23	S		
24	S	Senate meeting. Election of members of Council and of Warden and Clerk.	
25	M		
26	TU		
27	W		
28	TH		Finance Committee meet.
29	F		Council Meeting.
30	S		

DECEMBER XXXI.		1918.
1	<b>S</b>	
2	<b>M</b>	
3	<b>TU</b>	
4	<b>W</b>	
5	<b>TH</b>	
6	<b>F</b>	Education Committee meet.
7	<b>S</b>	Conservatorium Fourth Term ends.
8	<b>S</b>	
9	<b>M</b>	
10	<b>TU</b>	Third Term ends.
11	<b>W</b>	
12	<b>TH</b>	Finance Committee meet.
13	<b>F</b>	Council Meeting.
14	<b>S</b>	
15	<b>S</b>	
16	<b>M</b>	
17	<b>TU</b>	
18	<b>W</b>	
19	<b>TH</b>	
20	<b>F</b>	
21	<b>S</b>	
22	<b>S</b>	
23	<b>M</b>	
24	<b>TU</b>	
25	<b>W</b>	Christmas Day.
26	<b>TH</b>	
27	<b>F</b>	
28	<b>S</b>	Anniversary of Proclamation of South Australia, 1836.
29	<b>S</b>	
30	<b>M</b>	
31	<b>TU</b>	

# The University of Adelaide.

1918.

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## Visitor.

HIS EXCELLENCY THE GOVERNOR.

## Chancellor.

THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G.,  
B.A., LL.M., Lieutenant-Governor and Chief Justice of South Australia. Elected.  
25th February, 1916.

## Vice-Chancellor.

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. Elected for the first time 15th  
March, 1916. Date of last election, 28th November, 1917.

## The Council.

THE CHANCELLOR. A member since 1891.

THE VICE-CHANCELLOR. A member since 1896. Date of last election, 28th No-  
vember, 1917.

WILLIAM REYNOLDS BAYLY, B.A., B.Sc. Elected for the first time 28th July,  
1915.

HON. SIR JOHN LANGDON BONYTHON, C.M.G. Elected for the first time,  
26th July, 1916.

GEORGE BROOKMAN, J.P. A member since 1901. Date of last election,  
22nd November, 1916.

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

FREDERIC CHAPPLE, C.M.G., B.A., B.Sc. (Warden of the Senate). A member  
since 1897. Date of last election, 28th November, 1917.

PROFESSOR JOHN MATTHEW ENNIS, MUS. DOC. A member since 1903. Date  
of last election, 28th November, 1917.

JAMES RICHARD FOWLER, M.A. A member since 1901. Date of last election,  
24th November, 1915.

WILLIAM GEORGE TOOP GOODMAN, M.I.C.F., M.I.E.E. A member since 1913.  
Date of last election 22nd November, 1916.

WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S. A member  
since 1900. Date of last election, 24th November, 1915.

WILLIAM JAMES ISBISTER, K.C., LL.B. A member since 1905. Date of last  
election, 22nd November, 1916.

MILTON MOSS MAUGHAN, B.A. A member since 1913. Date of last election 22nd  
November, 1916.

HELEN MARY MAYO, M.B., B.S. A member since 1914. Date of last election,  
23th November, 1917.

HEBERT ANGAS PARSONS, K.C., LL.B. Elected for the first time, 24th March,  
1915.

ARTHUR JAMES PERKINS. Elected for the first time 13th December, 1915.

BENJAMIN POULTON, M.D. A member since 1899. Date of last election, 28th No-  
vember, 1917.

PROFESSOR EDWARD HENRY RENNIE, M.A., D.Sc., Elected 1889; resigned  
1898. A member since 1913. Date of last election 22nd November, 1916.

SYDNEY TALBOT SMITH, M.A., LL.B. A member since 1903. Date of last elec-  
tion, 24th November, 1915.

PROFESSOR SIR 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, 24th  
November, 1915.

Appointed by Parliament—1915—

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

W. J. DENNY, M.P.

T. H. SMEATON, M.P.

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

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

#### The Senate.

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

WARDEN—FREDERIC CHAPPLE, C.M.G., B.A., B.Sc. Elected for the first time,  
1883; date of last election, 28th November, 1917.

CLERK—THOMAS AINSLIE CATERER, B.A., Elected for the first time, 1888; date  
of last election, 28th November, 1917.

#### FORMER OFFICERS OF THE UNIVERSITY.

##### Chancellors.

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

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

THE RIGHT HON. SIR SAMUEL JAMES WAY, BART, P.C., D.C.L., LL.D.  
LIEUTENANT-GOVERNOR AND CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed  
1883. Died January, 1918.

##### Vice-Chancellors.

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

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

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

THE VENERABLE CANON FARR, M.A., LL.D. 1887 to 1893.

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

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

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

##### Wardens of the Senate.

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

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

##### Former Treasurer.

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

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

## COMMITTEES, FACULTIES, AND BOARDS FOR 1918.

**Education Committee.**

THE CHANCELLOR, CHAIRMAN.

THE VICE-CHANCELLOR (Deputy Chairman)	MR. M. M. MAUGHAN
MR. W. ANGUS	MISS H. M. MAYO
MR. W. R. BAYLY	MR. A. J. PERKINS
HON. SIR LANGDON BONYTHON	MR. T. H. SMEATON
MR. T. A. CATERER	MR. S. TALBOT SMITH
MR. F. CHAPPLE	THE PROFESSORS OF THE UNI- VERSITY.
MR. J. R. FOWLER	

**Finance Committee.**

MR. G. BROOKMAN, CHAIRMAN.

THE CHANCELLOR	MR. W. G. T. GOODMAN
THE VICE-CHANCELLOR	MR. S. TALBOT SMITH
HON. F. S. WALLIS	MR. H. ANGAS PARSONS
MR. W. J. ISBISTER	HON. SIR J. L. STIRLING
MR. J. R. FOWLER	MR. W. J. DENNY
HON. SIR LANGDON BONYTHON	

**Library Committee.**

PROFESSOR SIR EDWARD STIRLING, CHAIRMAN.

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

**Joint Board.**

UNIVERSITY AND SCHOOL OF MINES AND INDUSTRIES.

THE CHANCELLOR, CHAIRMAN.

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

**Extension Lectures Committee.**

PROFESSOR HENDERSON, CHAIRMAN.

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

**Faculty of Law.**

MR. W. J. ISBISTER, DEAN.

Members *ex officio*—

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Acting Professor 1908-10; appointed Professor 1911.

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EDWARD VINCENT CLARK, B.Sc. Appointed 1910

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Appointed 1885.

**Physiology.***Professor :*

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

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WILLIAM FULLER.

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Appointed 1884.

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Appointed 1912.

*Demonstrator:*

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HORACE HUGH CORBIN, B.Sc. Appointed 1912.

(*Forest Entomology.*)

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Vacant.

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JOSEPH COOKE VERCO, M.D. (Lond.), F.R.C.S. (honoris causa) 1916.

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FRANK SANDLAND HONE, B.A., M.B., B.S. Appointed 1916.

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Appointed 1901.*Lecturer on Obstetrics and Diseases of Children :*

ALFRED AUSTIN LONDON, M.D., (Lond.).

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GEORGE ALFRED FISCHER, B.A., M.B., B.S.

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RICHARD SANDERS ROGERS, M.A., M.D., Ch.M. Appointed 1914.

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MICHAEL HENRY DOWNEY, M.B., B.S. Appointed 1912.

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*Surgery :*

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EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.). 1895—1905.

**English Language and Literature and  
Mental and Moral Philosophy.**

REV. JOHN DAVIDSON. 1874—1881.

EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin). 1883—1894.

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

WILLIAM HENRY BRAGG, M.A. (Camb.), F.R.S. 1885—1908.

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RALPH TATE, F.G.S. 1875—1901.

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

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R. D. BRUMMITT, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

E. A. BRUMMITT, M.B., Ch.B. (Edin.) (on leave).

R. S. BURSTON, M.B., B.S., (Melb.) (on leave).

*Pathologist :*

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(Eng.) (on leave).  
WM. RAY, M.B., B.S. (Adel.) (*locum tenens*).

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*Assistant Bacteriologist :*

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

*Aurist :*

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*Radiographer :*

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*Assistant Teacher :-*

HAROLD STEPHEN PARSONS, Mus BAC

*Teacher of Theory of Music :-*

THOMAS HENRY JONES, Mus. BAC

*Teacher of French :*

JOHN CRAMPTON, B A.

*Teacher of Elocution :-*

EDWARD REEVES.

*Teacher of Flute :-*

ALFRED BOHM.

*Teacher of Cornet :-*

J. A. WRIGHT.

*Lady Superintendent -*

MISS MIGNON WESTON.

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ARTHUR LIONEL ROGERS.

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CHARLES REYNOLDS HODGE. Appointed 1892.

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JOHN WALTER TYAS. 1882-1892.

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1900. Assistant Registrar, 1911.*Librarian :—*

ROBERT JOHN MILLER CLUCAS, B.A. Appointed 1900.

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ARTHUR YOUNG HARVEY.**Additional Examiners for Degrees and Diplomas, 1917.**

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A. L. PINCH, LL.B. .. ..	{ Constitutional Law
	{ Roman Law
A. J. HANNAN, M.A., LL.B. .. ..	{ Law of Contracts
	{ Law of Property, Part II.
T. J. BROWNE, LL.B. .. ..	Law of Wrongs
E. E. CLELAND, LL.B. .. ..	Evidence and Procedure
S. RUSSELL BOOTH, B.A. .. ..	Theory of Law and Legislation
R. N. FINLAYSON, LL.B. } .. ..	Private International Law
E. W. BENHAM, LL.B. }	

## M.D. DEGREE

J. C. VERCO, M.D. } .. ..	Thesis
H. SWIFT, M.D. }	
FELIX MEYER, M.D., B.S. .. ..	Gynæcology
R. STAWELL, M.B. .. ..	Diseases of Infancy

## M.S. DEGREE

F. P. SANDES, M.D., CH.M. .. ..	Surgery of the Abdomen
F. D. BIRD, M.B., B.S. .. ..	Surgical Pathology
G. A. SYME, M.B., CH.M. .. ..	Surgery and Surgical Anatomy

## M.B. DEGREE.

PROFESSOR BERRY .. ..	Anatomy
G. E. RENNIE, B.A., M.D. .. ..	Medicine
R. HAMILTON RUSSELL, F.R.C.S. .. ..	Surgery
ROTHWELL ADAM, M.D. .. ..	Gynæcology
T. BORTHWICK, M.D. .. ..	Hygiene
W. H. GREEN, D.Sc. .. ..	Chemistry
SIR T. P. ANDERSON STUART, M.D., LL.D. .. ..	Physiology
H. SWIFT, M.D. .. ..	Clinical Medicine
B. POULTON, M.D. .. ..	Operative Surgery

## B.A. DEGREE.

PROFESSOR C. A. WOOD	.. .. .	History (Honours)
W. H. GREEN, D.Sc.	.. .. .	Organic Chemistry
J. CRAMPTON, B.A.	.. .. .	French
A. J. SCHULZ, M.A., Ph. D.	.. .. .	German

## B.Sc. DEGREE.

PROFESSOR O. MASSON D.Sc.	.. .. .	Chemistry (Honours)
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## DIPLOMA IN APPLIED SCIENCE.

H. W. SMITH, B.E.	.. .. .	Electrical Engineering II.
C. J. SANDERS	.. .. .	Surveying
J. P. WOOD, B.E.	.. .. .	{ Machine Design II. & III. Mechanical Engineering III.

## MUS. DOC. DEGREE.

PROFESSOR LAVER	} .. .. .	Exercise
W. G. PRICE, Mus. Doc.		

## MUS. BAC. DEGREE.

PROFESSOR LAVER,	.. .. .	Exercise and Third Year
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## DIPLOMA OF ASSOCIATE IN MUSIC.

W. G. PRICE, Mus. Doc.	.. .. .	Practical
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## DIPLOMA IN COMMERCE.

J. EDWIN THOMAS	.. .. .	Accountancy
H. FISHER	.. .. .	Business Practice
T. J. M. NAPIER, LL.B.	.. .. .	Commercial Law

**Officers of Local Centres.**

## SOUTH AUSTRALIA :

<i>Centre.</i>	<i>Chairman.</i>	<i>Secretary.</i>
Balaklava ...	K. McEwin, M.B., B.S.	Rev. A. H. Reynolds, M.A.
Blumberg ...	T. Pflaum	E. A. Theel
Bordertown ...	W.A.V. Drew, M.B., B.S.	A. P. Buckerfield
Burra .. ..	—	J. E. H. Winnall
Clare ... ..	Rev. E. A. Radcliff	A. L. Stacy
Crystal Brook	G. Davidson, J.P.	J. C. Symons, J.P.
Elliston ...	Rev. A. S. Urch, B.A.	Rev. H. Crase
Gawler... ..	S. B. Rudall, M.P.	Alexander Milne
Gladstone ...	W. Odgers	W. Langdon Parsons
Jamestown ...	H. Boucaut	Rev. R. A. Adams, M.A.
Kadina ... ..	C. E. C. Wilson, M.B., B.S.	H. K. Paine, LL.B.
Kapunda ...	A. Menhennet	Joseph O'Neil



Koolunga ...	E. C. W. H. Limbert	R. Lawry
Laura ...	G. Bunday	L. L. Davey, M.B., B.S.
Maitland ...	J. Tiddy	
Mannum ...	W. J. Webb	S. B. von Doussa
Millicent ...	W. J. Major	Miss Stuckey
Moonta ...	H. W. Uffindell	S. R. Page
Mount Barker	Rev. A. R. Edgerley	Rev. J. Welsh
Mount Gambier	F. H. Daniel	J. H. Davison
Murray Bridge	Dr. C. Macquarie	Thos. Scott
Naracoorte ...	Dr. Macmillan	W. H. Jefferson
Petersburg ...	Rev. Alexr. Jamieson	H. O. A. Rankine
Port Augusta ...	J. Roberts	Jas. Holdsworth
Port Lincoln ...	R. A. Goode	E. Phillips, LL.B.
Port Pirie ...	P. Hague, LL.B.	Rev. T. D. Webb
Quorn ...	C. Rankine	G. R. Cobbin
Renmark ...	C. H. Hollingdrake	C. M. Adey
Riverton ...	Dr. Glynn	Mrs. W. Cairns
Strathalbyn ...	E. J. Tucker	Mrs. E. J. Tucker
Streaky Bay ..	Rev. Canon W. H. Howard	H. A. Betts
Tanunda ...	W. E. Heuzenroeder, LL.B.	C. W. H. Lake
Tamby Bay ...	Rev. J. Stansfield, B.A.	Dr. W. P. Cormack
Victor Harbour	Dr. F. J. Douglas	C. J. Shipway
Wilmington	C. T. Tuckwell	Rev. R. B. Cornish
Yankalilla ...	S. M. Verco, M.B., B.S.	Rev. A. Stokes, B.A.
Yorketown ...	W. B. Goldsworthy	
NEW SOUTH WALES.		
Broken Hill ...	—	Justin McCarthy

**On the Board of Governors of the Public Library, Museum,  
and Art Gallery.**

PROFESSOR GEORGE COCKBURN HENDERSON, M.A. } Elected 26th October,  
PROFESSOR SIR EDWARD CHARLES STIRLING, K.B., } 1917.  
C.M.G., M.A., M.D., F.R.S.

**On the Board of Management of the Adelaide Hospital.**

WILLIAM THORNBOROUGH HAYWARD, LL.D., M.R.C.S. Elected February,  
1915. Resigned 27th August, 1915.  
BENJAMIN POULTON, M.D. Re-elected February, 1917.

## BENEFACTIONS

BESTOWED BY PRIVATE PERSONS.

### Endowments.

Date.	Donor.	Amount.	Object.
1872	Sir W. W. Hughes ..	£ 20,000	Endowment of Chairs in Classics and English Literature.
1874	Sir Thos. Elder ..	20,000	Endowment of Chairs in Mathematics and Natural Science.
1875-6	Public Subscriptions ..	600 3 0	For general purposes
1878	Hon. J. H. Angus ..	4,000	To found an Engineering Scholarship.
1879	South Australian Commercial Travellers' Association	150	To found a Scholarship (Commercial Travellers).
1880	Public Subscriptions ..	500	To found Scholarships for English Literature in Memory of John Howard Clark.
1883	Sir Thos. Elder ..	10,000	Endowment of a Medical School.
1883	Public Subscriptions ..	500	For Prizes and Scholarship in Memory of Mr. Justice Stow.
1884	Hon. J. H. Angus ..	6,000	Endowment of a Chair of Chemistry.
1884-89	Sir Thos. Elder ..	1,500	In support of Chair of Music.
"	Private Subscriptions ..	1,150	
1884	Sir Thos. Elder ..	1,000	Endowment of Evening Classes.
"	Literary Societies' Union	220	
1886	Public Subscriptions ..	800	Endowment of Lectureship on Ophthalmic Surgery in Memory of Dr. Chas. Gosse.
1916		325	
1888-89	Sir Thos. Elder ..	1,000	To enable the Council to establish full Medical curriculum.
1890	W. Everard, Esq. ..	1,000	To found a Scholarship (The Everard Scholarship in Medicine).
1890	St. Alban Lodge of Free and Accepted Masons	150	To found the St. Alban Scholarship.
1896	Public Subscriptions ..	160	To found a Scholarship in Memory of the Rev. W. Roby Fletcher.
1896	Mrs. Davies Thomas ..	400	To found Scholarships in Memory of Dr. John Davies Thomas.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Medicine.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Music.
1897	Sir Thos. Elder ..	25,000	Endowment for general purposes.

Date.	Donor.	Amount.	Object.
		£	
1898	Public Subscriptions ..	600	To found Studentships in Memory of John Anderson Hartley.
1900	His Excellency Lord Tennyson	100	To provide Medals for English Literature in the Junior, Senior, and Higher Public Examinations.
1900	Trustees of Robert Whinham Fund	84 9 6	To provide for the Robert Whinham prize for Elocution in the Elder Conservatorium
1902	Public Subscriptions ...	473 1 3	Endowment of Lectureship on Gynecology in memory of Dr. Edward Willis Way.
1902	Public Subscriptions ...	60 0 0	To provide a Medal for Geological work in memory of Professor Ralph Tate.
1908	Joseph Fisher, Esq. .	1,000	To provide Fisher Medal in Commerce for course for Advanced Commercial Certificate and for the Fisher Lecture in Commerce
1892-1911	R. Barr Smith, Esq. ...	9,000	For purchase of books for University Library.
1907	G. J. R. Murray, Esq., K.C., B.A., LL.B.	1,000	To found a Scholarship (The Tinline Scholarship for History)
1907	Miss Julia Stuckey ..	500 0 0	For the encouragement of the Study of Botany.
1907-9	Miss E. M. Bunday, Mus. Bac. }	3 3 0	
1908	Bequest—David Murray, Esq.	2,000	For Scholarships
1908	R. Barr Smith, Esq. ..	150	For Prizes for Greek
1908	Private Subscriptions ..	115	To provide Prizes in Latin in memory of the late Andrew Scott, B.A.
1912	Mrs. John Bagot ..	500	To provide for a John Bagot Botany Scholarship and Medal, in memory of the late John Bagot.
1912	Miss E. M. Bunday, Mus. Bac.	200	In memory of Sir Henry and Lady Bunday. To provide an annual prize for English verse.
1913	Creswell Memorial Com- mittee ... ..	1,300	To provide Scholarship in the Commercial Course, in memory of the late John Creswell.
1914	Public Schools Decora- tion and Floral So- cieties	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.

Date.	Donor	Amount.	Object.
		£	
1914	Peter Waite, Esq. . .	Urrbrae Estate, Glen Osmond, comprising 184 acres and mansion house, subject to life interests of Mr. and Mrs. Peter Waite.	To advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
1915	Bequest — J. Harvey Finlayson . . . . .	200 .	To provide Scholarship in Political Economy or cognate subject in memory of late John Lorenzo Young.
	Subscriptions—Old Scholars . . . . .	700	To provide Research Scholarship in memory of late John L. Young.
	Sir Edwin Smith . . . . .	500	To provide Scholarship in memory of grandson, Eric Wilkes Smith, mortally wounded at the Dardanelles.
	S.A. Commercial Travelers' Association . . . . .	100	To provide Bursary in Commercial Course in memory of late Archibald Mackie.
1916	Bequest—Sir S. J. Way	750 First payment	
1917	Public Subscriptions . . . . .	740	To provide Scholarships in memory of late Eugene Alderman.

### 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
1905-17	Pharmaceutical Society of South Australia . . . . .	95 11 0	General purposes
1909-17	British Medical Association (S.A. Branch) . . . . .	450 0 0	For purchase of books.
1911	Anonymous Donor . . . . .	500 0 0	For the Lowrie Scholarship in Agriculture
1913-17	G. Brookman, Esq. . . . .	20 0 0 p. a.	For a Scholarship in the Elder Conservatorium.

## 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	{		B.A.
Lempriere .. . . . .			LL.B.
† ABBOTT, Nigel Basil Gresley ..	1916		M.B., B.S.
ADAMS, Alfred John .. . . . .	1900	Cambridge (1899) ..	M.A.
ADAMS, Reginald Arthur .. . . .	1901	Cambridge (1901) ..	M.A.
ADDISON, Stanley Simpson .. . .	1908		B.Sc.
AKHURST, Adrian .. . . . .	1908		LL.B.
ALLEN, Edgar .. . . . .	1913		M.A.
ALLEN, Eleanor Alice .. . . . .	1914		B.A.
ALLEN, Sir Harry Brookes .. . .	1914	Edinburgh (1912) ..	LL.D.
* ALLEN, James Bernard .. . . . .	{		B.Sc.
			1911
† ALLEN, John Howard .. . . . .	1916		B.Sc.
ALLAN, 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.
† ANDERSON, Marjory .. . . . .	1915		B.A.
ANDREWS, Richard Bullock .. . .	{		B.A.
			1891
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.
ARNOLD, (formerly Weidenbach) Edwin .. . . . .	1907		M.B., B.S.
ASH, Arthur Louis George .. . . .	1907		B.A.
* ASH, George .. . . . .	1894		LL.B.
ASHBY, Ivan Edwin .. . . . .	1917		M.D.
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.

\* Deceased.

† Not yet Members of Senate.

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

		B.		
BADGER, Robert	1914			LL.B.
BAGOT, Edward Mead	1911			B.A.
BAGSTER, Lancelot Salisbury	1908			B.Sc.
BAKER, Athur James Kendall	1914			B.A.
BAKER, Ralph Alderton	1912			M.B., B.S.
BAKEWELL, John Warren	1877	Cambridge (1874)		M.A.
BARBOUR, Graemme Madowal	1909			B.A.
† BARBOUR, Robert	1916			B.A.
† BARLOW, Douglas Lewis	1915			M.B., B.S.
* BARLOW, William	{ 1877 1885	Dublin (1855)		B.A. LL.D.
		" (1884)		
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	{ 1886 1898			B.A. B.Sc.
† BEAN, Alan Reid	1917			M.B., B.S.
BEAN, Edgar Layton	1913			B.A.
BEARD, Jack Roland Stanley Grose	1914			M.B., B.S.
* BEARE, Edwin Arthur	1892			LL.B.
† BEARE, Frank Howard	1917			M.B., B.S.
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.
BENSLY, Edward von Blomberg	1895	Cambridge (1889)		M.A.

\* Deceased.

† Not yet Members of Senate.

† BERRIMAN, Robert Harrold . . . . .	1915		B.Sc.
† BERRY, Frances Winifred . . . . .	1915		B.A.
BETTS, Lionel Oxborrow . . . . .	1907		M.B., B.S.
BEVAN, Llewelyn David . . . . .	1915	London (1896) . . . .	L.L.B.
BILLINGHURST, Harry . . . . .	1904		B.A.
† BIRCH, John Bright . . . . .	1915		M.B., B.S.
BIRKS, Lawrence . . . . .	1894		B.Sc.
BIRKS, Melville . . . . .	1903		M.B., B.S.
BIRKS, Walter Richard . . . . .	1910		B.Sc.
BLACK, Eustace Couper Barham	1910		M.B., B.S.
† BLACK, Geoffrey Howard . . . . .	1916		M.B., B.S.
BLACKBURN, Arthur Seaforth . .	1913		L.L.B.
BLACKBURN, Charles 'Bickerton . .	1893		B.A.
BLACKBURN, John Stewart . . . .	1914		B.A.
BLACKNEY, Samuel . . . . .	1891	Toronto (1891) . . . .	M.B.
BLAIR, Euphemia Theodosia . . . .	1916		M.A.
* BLOXAM, Charles a'Court . . . . .	1891		L.L.B.
BOAS, Isaac Herbert . . . . .	1899		P.Sc.
BÖER, Adolf Oswald . . . . .	1911		M.B., B.S.
BOLLEN, Christopher . . . . .	1894	Toronto (1891) . . . .	M.D.
BOLLEN, Percival . . . . .	1899	Toronto (1899) . . . .	M.D.
BONNIN, James Atkinson . . . . .	1895		M.B., B.S.
BOOTH, Sydney Russell . . . . .	1910	Cambridge (1901) . .	B.A.
BOOTHBY, Charles Brinsley . . . .	1886		L.L.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 . . . . .	1903		B.A.
BRAUER, Herman Gustav Adolph	1905	Wisconsin (1899) . .	M.A.
BRAY, Gildart Harvey . . . . .	1891	Aberdeen (1890) . .	M.A.
BRAY, Marmion Matthews . . . . .	1907		L.L.B.
† BROADBENT, Eric Elihu . . . . .	1917		M.B., B.S.
BROADBENT, (née Chapple) Marian . . . . .	1894		B.A.
BRONNER, Rudolph . . . . .	1912		B.A.
BROOKMAN, John Ragless . . . . .	1913		B.E.
BROOKS, Albert Joseph . . . . .	1904		B.A.

\* Deceased.

† Not yet Members of Senate.

BROSE, 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.
BROWN, Mary Home . . . . .	1902		B.Sc.
BROWN, William Jethro . . . . .	1906	Cambridge (1906) ..	LL.D.
BROWNE, John Walter . . . . .	1908	Royal Ireland (1900)	M.B., B.S.
BROWNE, Thomas John . . . . .	1917		LL.D.
BRUMMITT, Robert Douglas . . . .	1905		M.B., B.S.
BRYCE, the Right Honourable Viscount James . . . . .	1912	Oxford, D.O.L. (1870)	LL.D.
BUNDEY, Ellen Milne . . . . .	1900		Mus. Bac.
* BURDEN, Clive Britten . . . . .	1916		M.B., B.S.
† BURDON, John Howard . . . . .	1916		B.Sc.
BURGESS, Annie Frances . . . . .	1909		B.A.
† BURGESS, Frederick Martin . . . .	1915		B.A.
BURGESS, Leslie Frank . . . . .	1908		B.Sc.
BURGESS, May . . . . .	1899		B.Sc.
BURGESS, Thomas Martin . . . . .	1888		B.A.
† BURNELL, Glen Howard . . . . .	1916		M.B., B.S.
BURNELL, Reginald George . . . .	1905		B.A.
* BURNARD, Eulalie Hardy Hanton .	1905		M.B., B.S.
BURNARD, Renfrey Gershom . . . .	1904		M.B., B.S.
† BURNS, Leonard James . . . . .	1917		LL.B.
* BURTT, Thomas . . . . .	1877	Cambridge (1855) ..	M.A.
BUTLER, Frederick Stanley . . . .	1893		M.A.
BUXTON, Sir Thomas Fowell . . . .	1895	Cambridge (1859) ..	M.A.
BYARD, Douglas John . . . . .	1889	Oxford (1882) .. ..	B.A.

## C.

† CAIRNS, Hugh William Bell . . . .	1917		M.B., B.S.
* CAMPBELL, Allan James . . . . .	1899		M.B., B.S.
CAMPBELL, Archibald Way . . . . .	1896		M.B., B.S.
CAMPBELL, Colin Arthur 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.

\* Deceased.

† Not yet Members of Senate.



CAMPBELL, Jessie . . . . .	1908		B.A.
† CANNEY, Richard Francis . . . . .	1917		B.A.
CARNE, Alfred George . . . . .	1912		B.A.
† CARR, Emma Lucy . . . . .	1917		P.A.
* CARR, Whitmore . . . . .	1877	Dublin (1848) . . . .	M.A.
CATCHLOVE, Sydney George Leyland . . . . .	1907		M.B., B.S.
CATERER, Thomas Ainslie (Clerk of the Senate) . . . . .	1879		B.A.
CAVENAGH-MAINWARING, Wentworth Rowland . . . . .	1892		M.B., B.S.
CAW, Alexander, Ruan . . . . .	1902		M.B., B.S.
CHAPMAN, Henry George . . . . .	1901	Melbourne (1899) . .	M.B.
CHAPMAN, Robert Hall . . . . .	1913	B.Sc., 1910, surrendered for B.E., 1913	B.E.
CHAPMAN, Robert William . . . .	1889	Melbourne (1888) . .	M.A.
CHAPPLE, Alfred . . . . .	1894		B.Sc.
CHAPPLE, Ernest . . . . .	1903		B.Sc.
CHAPPLE, Frederic (Warden of the Senate) . . . . .	1877	London (1870) . . . .	B.A.
CHAPPLE, Frederic John . . . . .	{ 1891 1898	Melbourne (1897) . .	B.Sc. M.B., Ch.B.
CHAPPLE, Harold . . . . .	1900		B.Sc.
CHAPPLE, Phoebe . . . . .	{ 1898 1904		B.Sc. M.B., B.S.
CHARLESWORTH, Thomas William . . . . .	1877	Cambridge (1845) . .	M.A.
CHERRY, Percival Thomas Spower . . . . .	1908		M.B., B.S.
CHIGNELL, Arthur Kent . . . . .	1900		B.A.
* CHURCHWARD, Samuel . . . . .	1877	London (1873) . . . .	B.A.
CHURCHWARD, Spencer . . . . .	1903		M.A.
CHURCHWARD, Stella Mary . . . .	1904		B.Sc.
CLARE, Dorothy Cotgrave . . . . .	1912		E.A.
CLARK, Archie Septimus . . . . .	1900		B.Sc.
* CLARK, Annie Millicent . . . . .	1904		B.A.
CLARK, Caroline . . . . .	1901		M.A.
CLARK, Edward Vincent . . . . .	1895		B.Sc.
CLARK, Percy John . . . . .	1907		B.A.
CLAYTON, Arthur Ross . . . . .	1902		M.B., B.S.
CLELAND, Edward Erskine . . . . .	1890		LL.B.
CLELAND, John Burton . . . . .	1902	Melbourne (1902) . .	M.D.
CLELAND, William Lauder . . . . .	1913	B.Sc., 1904, surrendered for B.E. 1913	B.E.
CLELAND, William Lennox . . . . .	1880	Edinburgh (1876) . .	M.B.
CLOSE, Walter John Westcott . . .	1913		M.B., B.S.
CLUCAS, Robert John Miller . . . .	1908		B.A.
COCKBURN, Sir John Alexander . . .	1877	London (1874) . . . .	M.D.

\* Deceased.

† Not yet Members of Senate.

COCKBURN, Patrick . . . . .	1914		M.B., B.S.
COGHILL, Donald Murray Robert- son . . . . .	1906	Melbourne (1892) ..	M.A.
COLE, Cyril Richard . . . . .	1914		B.Sc.
COLEBATCH, Walter John . . . . .	1906	Edinburgh (1903) ..	B.Sc.
COLEMAN, Arthur Philemon . . . .	1914	Victoria University, Canada (1880) .. .	M.A.
COLES, Mignonette . . . . .	1912		B.A.
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., B.S.
COWAN, George Dalhymple . . . .	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.
† COX, Edwin Baxter . . . . .	1915		LL.B.
CRAWFURD, Lionel Payne . . . . .	1897	Oxford (1890) .. .	M.A.
CUDMORE, Arthur Murray . . . . .	1894		M.B., B.S.
CURTIS, Albert . . . . .	1905		M.B., B.S.

## D.

DALBY, John . . . . .	1891		B.A.
d'ARENBERG, Frederick Augustus	1881	Dublin (1876) .. .	M.A.
† DART, Ralph John . . . . .	1915		B.E.
DARWIN, Errol Raffael Henry . . .	1907		B.Sc.

\* Deceased.

† Not yet Members of Senate.

DARWIN, Lisle Julius . . . . .	1910		M.A.
* DAVENPORT, Sir Samuel . . . . .	1888	Cambridge (1886) ..	LL.D.
† DAVEY, Constance Muriel . . . . .	1915		B.A.
† DAVEY, Esther Marion . . . . .	1915		B.Sc.
DAVEY, Laurence 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, Harold Whitridge . . . . .	1917		M.B., B.S.
DAVIES, William Laurence . . . . .	1914		B.A.
DAVIS, Angelita Pintorcilla . . . . .	1905		Mus. Bac.
DAVIS, David . . . . .	1906		B.A.
† DAVIS, Ray . . . . .	1915		B.Sc.
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 CRESPIGNY, Constantine Trent Champion . . . . .	1913	Melbourne (1906) ..	M.D.
DELPRAT, Lica . . . . .	1910		M.B., B.S.
DELPRAT, Mary Johanna Alberta Theodora . . . . .	1909		M.B., B.S.
DEMPSEY, Richard Francis . . . . .	1888		LL.B.
* DENDY, Arthur . . . . .	1877	Oxford (1851) .. ..	M.A.
DETMANN, Herbert Stanley . . . . .	1906	Oxford (1906) .. ..	M.A.
DEVENISH, Albert Sydney . . . . .	1899		M.A.
† DINNING, Alfred Ernest . . . . .	1915		B.A.
DODWELL, George Frederick . . . . .	1905		B.A.
DOLLING, Charles Edward . . . . .	1911		M.B., B.S.
DONALDSON, Arthur . . . . .	1881		B.A.
DONALDSON, George . . . . .	1882		B.A.
DONNELLY, Thomas Hugh . . . . .	1911		M.B., B.S.
DORNWELL, Edith Emily . . . . .	1885		B.Sc.
DORSCH, (née Heyne), Agnes Marie Johanna . . . . .	1891		B.A.
† DORSCH, Ernest Georg . . . . .	1915		B.A.
DOUDY, Cecil Roy . . . . .	1906		LL.B.
DOUGLAS, Francis John . . . . .	1899	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.

\* Deceased

† Not yet Members of Senate.

## PAST AND PRESENT GRADUATES.

DOWNEY, Michael Henry . . . . .	1909	Melbourne (1904) ..	M.B., B.S.
DREW, Charles Francis . . . . .	1911		M.B., B.S.
DREW, William Alfred Vernon ..	1908		M.B., B.S.
DRISCOLL, Hilda Marion . . . . .	1908		B.A.
DUFFIELD, Walter Geoffrey . . . .	{ 1900 1908	Manchester (1908) ..	B.Sc. D.Sc.
DUMAS, Russell John . . . . .	1913	B.Sc., 1909, surren- dered for B.E., 1913	B.E.
* DUNCAN, Handasyde . . . . .	1877	Glasgow (1881) ..	M.D.
DUNCAN-HUGHES, John Grant ..	1910	Cambridge (1910) ..	M.A.
* DUNLOP, James Dunlop . . . . .	1883	Edinburgh (1881) ..	M.B.
DUNSTONE, Horace Edgar . . . .	1912		M.B., B.S.
* DURNO, Leslie . . . . .	1893	Aberdeen	M.A.

## E.

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

## F.

FAIRWEATHER, Andrew . . . . .	1913	B.Sc., 1901, surren- dered for B.E., 1913	B.E.
FARR, Clinton Coleridge . . . . .	1902		D.Sc.
* FARR, George Henry . . . . .	{ 1877 1883	Cambridge (1853) .. " (1882) ..	M.A. L.L.D.
FERGUSON, Andrew . . . . .	1904		B.Sc.
FERGUSON, Angus Salier . . . . .	{ 1909 1912		B.A. L.L.B.
* FIELD, Thomas . . . . .	1877	Cambridge (1857)	M.A.

\* Deceased.

† Not yet Members of Senate.

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		B.A.
	{ 1894		M.B., B.S.
FITZGERALD, James Joseph . . . . .	1903	Melbourne (1908) ..	M.A.
* FLECKER, Oscar Sydney . . . . .	1902	Sydney (1902) ..	M.B., Ch.M.
FLEMING, Thomas Gordon . . . . .	1909		M.B., B.S.
* FLETCHER, Alfred Watkis . . . . .	1889		P.Sc.
* FLETCHER, William Roby . . . . .	1877	London (1856) . . . .	M.A.
* FLOOD, John Wellesley . . . . .	1881	Dublin . . . . .	B.A., M.B.
FLOREY, Hilda Josephine . . . . .	1912		M.B., B.S.
* FORNACHON, Paul Charles Albert {	1910		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.

† GALE, Frederick Julius . . . . .	1915		B.A.
† GALVIN, Thomas Bernard . . . . .	1916		B.A.
GARDINER, Beauchamp Lennox . . . . .	1902		P.Sc.
GARDNER, George Gavin Forrest . . . . .	1906		Mus. Bac.
GARDNER, John Forrest . . . . .	1914		M.B., B.S.
* GARDNER, William . . . . .	1877	Glasgow (1876) . . . .	M.D.
GARTRELL, Herbert William . . . . .	1902		B.A., B.Sc.
* GAULT, Arthur Henry . . . . .	1901	London (1900) . . . .	M.D.
† GAULT, Arthur Kyle . . . . .	1917		M.B., B.S.
GAULT, Estelle Ruth . . . . .	1914		B.Sc.
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.

\* Deceased.

† Not yet Members of Senate.

GILES, William Anstey . . . . .	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.
† GILLEN, John Besley . . . . .	1917		M.B., B.S.
GILLHAM, Charles Alfred . . . . .	1911		B.A.
† GILLMAN, Phyllis Constance . . . . .	1916		B.A.
GIRDLESTONE, Henry . . . . .	1894	Oxford (1889) ..	M.A.
GLASSON, Joseph Leslie . . . . .	1912		D.Sc.
* GLOVER, Ralph Francis . . . . .	1877	Queen's, Ireland (1869)	B.A.
GLUIS, John . . . . .	1911		B.A.
GODFREY, Kirke Charles . . . . .	1914		M.B., B.S.
† GODLEE, Margery Rebecca . . . . .	1917		B.A.
GLYNN, Patrick McMahon . . . . .	1898	Dublin (1879) ..	LL.B.
GOLDSMITH, Frederick . . . . .	1889		M.B., B.S.
GOOD, Emily Milvain . . . . .	1904		B.A.
† GOOD, Frances Helena . . . . .	1916		B.A.
GOODE, Arthur . . . . .	1894		M.B., B.S.
GOODE, Kenneth Burden . . . . .	1914		B.E.
GOODE, Muriel Gertrude . . . . .	1911		Mus. Eac.
GOODE, Reginald Alfred . . . . .	1910		M.B., B.S.
GOODE, Samuel Walter . . . . .	1898		B.A.
† GOODMAN, Cyril William . . . . .	1915		B.E.
* GORDON, James Leslie . . . . .	1904		LL.B.
* GORGER, Oscar . . . . .	1878	Heidelberg (1871)	M.D.
GOSNELL, Arthur William . . . . .	1895	Cambridge (1888) ..	M.A.
* GOSSE, Charles . . . . .	1877	Aberdeen (1875) ..	M.D.
* GOSSE, William . . . . .	1877	Heidelberg (1870)	M.D.
GOYDER, Alexander Woodroffe . . . . .	1889		B.Sc.
GRANT, Kerr . . . . .	1911	M.Sc. Melb. (1901)	B.Sc.
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., 1908, surrendered for B.E., 1913	B.E.
GREENWAY, Thomas Charles . . . . .	1900		B.Sc.
GREGERSON, William Jens . . . . .	1902	Melbourne (1899) ..	M.B., B.S.
GREY, Francis Isaac . . . . .	1907	Melbourne (1892) ..	M.A.
GRIFFITHS, Ernest William . . . . .	1906		M.B., B.S.
† GRIFFITHS, George Townsend . . . . .	1915		Mus. Bac.
GRIFFITHS, Thomas Lester . . . . .	1913		LL.B.
GROSSER, Agnes Juliana Hulda . . . . .	1910		B.A.
GUNSON, George Frederick . . . . .	1902		LL.B.
GUNSON, John Bernard . . . . .	1893		M.B., B.S.
* GUNSON, John Michael . . . . .	1877	Heidelberg (1867) ..	M.D.

\* Deceased.

† Not yet Members of Senate.

GUNSON, William Joseph . . . .	1894		J.L.B.
† GUYMER, Arthur Howes . . . .	1915		M.B., B.S.
GUYMER, Ernest Albert . . . .	1914		M.B., B.S.

II.

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		J.L.B.
† HALL, Norman Bruce . . . . .	1917		M.B., B.S.
HALL, Robert William . . . . .	1884		J.L.B.
* HAMILTON, Alexander Archibald	1883	Dublin (1880) .. ..	M.B.
HAMILTON, Charles Wolfe . . . .	1899	Dublin (1894) .. ..	M.D.
HAMILTON, James Alexander Greer	1880	Dublin (1876) .. ..	M.B.
* HAMILTON, Thomas Kinley . . . .	1885	Dublin (1879) .. ..	M.D.
HANCOCK, George Alfred . . . . .	1909		M.A.
HANNAN, Albert James . . . . .	{ 1914		M.A.
	{ 1912		J.L.B.
* HARDING, Thomas Williamson ..	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton . . . . .	1898		J.L.B.
HARDY, Mabel Phyllis . . . . .	1914		B.A.
HARDY, Tom Mayfield . . . . .	1913		B.Sc.
HARGRAVE, Nathaniel John . . . .	1905		J.L.B.
HARGREAVES, William Arthur . . .	{ 1909	Melbourne (1891) ..	B.Sc.
	{ 1916		D.Sc.
HARKNESS, Robert . . . . .	1907		B.A.
HARMER, John Reginald . . . . .	1895	Cambridge (1884) ..	M.A.
HARRIS, Frank Dixon . . . . .	1886		J.L.B.
* HARRIS, James Frederick . . . . .	1901	Melbourne (1901) ..	M.B.
HARRIS, Wilfred . . . . .	1908	Durham (1898) .. ..	M.A.
HARROLD, Rowland Edward . . . .	1892	Edinburgh (1890) ..	M.B.
HARRY, Arthur Hartley . . . . .	1901		B.A.
† HARRY, Irene Pearl . . . . .	1915		B.A.
* HARTLEY, John Anderson . . . . .	1877	London (1868) .. ..	B.A.
HARVEY, Gilbert Aberdein . . . .	1911		M.B., B.S.
HASLAM, Joseph Auburn . . . . .	1892		B.Sc.
HASLAM, Leslie Horrocks . . . . .	1908		J.L.B.
HASTE, Reginald Arthur . . . . .	{ 1911		B.Sc.
	{ 1914		M.B., B.S.
† HAWKEN, Doris Marguerite . . . .	1917		B.A.
HAWKER, Edward William . . . .	{ 1877	Cambridge (1873) ..	J.L.B.
	{ 1902	Cambridge (1890) .	M.A.

\* Deceased.

† Not yet Members of Senate.

* 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., B.S.
HAYWARD, Lionel Wykeham . . . . .	1903		M.B., B.S.
HAYWARD, William Thornborough . . . . .	1914	Aberdeen (1914) . . . .	LL.D.
HEADLAM, Morley Lewis Caulfield . . . . .	1900	Oxford (1893) . . . .	M.A.
HEINEMANN, Edmund Lewis . . . . .	1890	Oxford (1887) . . . .	B.A.
HENDERSON, George Cockburn . . . . .	1902	Oxford (1897) . . . .	M.A.
* HENDERSON, James . . . . .	1880		B.A.
HENDERSON, John Henderson . . . . .	1892	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.
HEUZENROEDER, William Eberhard . . . . .	1891		LL.B.
HEWITSON, Thomas . . . . .	1884		LL.B.
† HEYNE, Ida Marie . . . . .	1916		B.A.
HEYNE, Laura Olga Hedwig . . . . .	1917		M.A.
† HICKS, Francis Gibson . . . . .	1916		LL.B.
HILL, Albert Charles . . . . .	1914		B.A.
HILL, Hilda Mary . . . . .	1908		B.A.
HILTON, Arthur Robert . . . . .	1909		B.A.
HOCTOR, John Francis . . . . .	1877	Dublin (1871) . . . .	B.A.
HOLDEN, Edward Wheewall . . . . .	1905		B.Sc.
HOLDER, Ethel Roby . . . . .	1901		M.A.
HOLDER, Eric James Roby . . . . .	1909		M.B., B.S.
HOLDER, Evan Morecott . . . . .	1913	B.Sc., 1909, surrendered for B.E., 1913	B.E.
HOLDER, Sophia Ellen . . . . .	1906		B.A.
* HOLDER, Sydney Ernest . . . . .	1882		B.A.
HOLDER, Sydney Ernest . . . . .	1913		M.B., B.S.
HOLE, William Magarey . . . . .	1898		Mus. Bac.
† HOLLAND, Charlotte Annie . . . . .	1916		B.A.
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.

\* Deceased.

† Not yet Members of Senate.



* HOOPER, Charles William . . . . .	1904		B.Sc.
HOPE, Charles Henry Standish . . . . .	{ 1889	Cambridge (1883) . . . . .	B.A.
	{ 1891		M.D.
HOPE (née 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.
HUBBE, 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.
† HURST, Walter William . . . . .	1916		B.Sc.
* HUSSEY, John . . . . .	1901	Oxford (1889) . . . . .	M.A.
† HUTCHESON, George Ian Dewart . . . . .	1917		B.E.
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.
IRWIN, Henry Offley . . . . .	1893		M.B., B.S.
ISBISTER, James Linklater Thomson . . . . .	{ 1891		B.Sc.
	{ 1896		M.B., B.S.
ISBISTER, William James . . . . .	1887		LL.B.
IVES, Joshua . . . . .	1885	Cambridge (1834) . . . . .	Mus. Bac.

J.

JACK, Fannie Augusta . . . . .	1913	Sydney (1889) . . . . .	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.

\* Deceased.

† Not yet Members of Senate.

JEFFERIES, Lionel Harry .. . . .	1908		B.A.
JEFFRIES, Shirley Williams .. . . .	1909		LL.B.
JEFFERIS, Arthur Tarlton .. . . .	1908		B.Sc.
* JEFFERIS, James .. . . .	{ 1877	London (1856) .. . . .	LL.B.
	{ 1895	Sydney (1885) .. . . .	LL.D.
† JERVIS-SMITH, Frederick John .. . . .	1898	Oxford (1872) .. . . .	M.A.
JESSOP, Charles Lewis .. . . .	1906		LL.B.
JOHNSON, Edward Angas .. . . .	{ 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		LL.B.
JOLLY, Norman William .. . . .	1901		B.Sc.
JONA, Jacob .. . . .	1908		B.Sc.
JONA, Judah Leon .. . . .	{ 1910		D.Sc.
	{ 1917	Melbourne (1911) .. . . .	M.B., B.S.
JONES, Albert Edward .. . . .	1888		LL.B.
JONES, Edmund Britten .. . . .	1910		M.B., B.S.
JONES, Doris Egerton .. . . .	1911		B.A.
JONES, Thomas Henry .. . . .	1889		Mus. Bac.
JOSE, Edward Salisbury .. . . .	1905	Oxford (1904) .. . . .	B.A.
JÓSE, George Herbert .. . . .	1906	Oxford (1906) .. . . .	M.A.
† JOSE, Ivan Bede .. . . .	1915		M.B., B.S.
JOYNER, Max Frederick .. . . .	1913		LL.B.
JUDE, Gertrude Josephine .. . . .	1901		B.Sc.
JUDELL, Maurice Wolf .. . . .	1903		B.Sc.
JUNGERSON, Hector Frederick 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 .. . . .	1877	Edinburgh (1832) .. . . .	M.D.
† KELLY, David Frederick .. . . .	1879	Cambridge (1878) .. . . .	M.A.
KELLY, Francis .. . . .	1906		LL.B.
* KELLY, Franziska (née Puttmann), Helena Marie .. . . .	1898		Mus. Bac.
† KENNEDY, Alexander Lorimer .. . . .	1915		B.E.
† KENIHAN, Raphael Leo .. . . .	1915		M.B., B.S.
KENNION, George Wyndham .. . . .	1883	Oxford (1871) .. . . .	M.A.
† KENDREW, George Harry .. . . .	1917		M.B., B.S.
KERR, Donald Alexander .. . . .	1888		B.A.
KERR, Donald .. . . .	1914		LL.B.
† KESSELL, Stephen Lackey .. . . .	1917		B.Sc.

\* Deceased.

† Not yet Members of Senate.

KINGSMILL, Walter . . . . .	1883		B.A.
* KINGSTON, The Right Hon. Charles Cameron . . . . .	1898	D.C.L., Oxford (1897)	B.A. LL.D.
KINTORE, The Earl of . . . . .	{ 1889 1889	Cambridge (1877) .. Aberdeen (1889) ..	M.A. LL.D.
KIRBY, Mary Maude . . . . .	1890		B.Sc.
† KITSON, Mary Cecil . . . . .	1916		LL.B.
KLEEMAN, Richard Daniel . . . . .	1908		D.Sc.
† KLOSE, Alfred Emil Johannes . .	1915		B.A.
KNEEBONE, John LeMessurier . .	1911		M.B., B.S.
KNIGHT, Percy Norwood . . . . .	1888		B.A.
KNOWLES, Francis Edward . . . .	1883		LL.B.
† KOLLOSCHÉ, Harold Frank . . . .	1915		M.B., B.S.
KOLLOSCHÉ, John . . . . .	1901		M.A.
KUCHEL, Carl Wilhelm August . .	1912		M.A.
		<u>L.</u>	
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 Holland . . . . .	1908		B.Sc.
LANGDON, Reginald Yorke . . . .	1903		B.Sc.
LANGMAN, Mary Lillecrap . . . . .	1906		B.A.
LATFY, 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 . . . . .	1895		B.Sc.
† LeLACHEUR, Hellier . . . . .	1915		B.A.
* LEONARD, James . . . . .	1877	London (1849) . . . .	B.A.
LONDON, Alfred Austin . . . . .	1883	London (1881) . . . .	M.D.
† LONDON, Guy Austin . . . . .	1917		M.B., B.S.
LE MESSURIER, Frederick Niell . .	1913		M.B., B.S.
LE MESSURIER, Thomas Abraham .	{ 1893 1894		B.Sc. M.A.
LEWIS, Eric Henry . . . . .	1903		M.D.
LEWIS, Irene Gwendoline . . . . .	1907		B.Sc.
LIGERTWOOD, George Coutts . . .	{ 1908 1910		B.A. LL.B.
LILLYWHITE, Outhbert . . . . .	1899		B.Sc.
LIMBERT, Edgar Henry . . . . .	1887		LL.B.

\* Deceased.

Not yet Members of Senate.

* LINDON, James Hemery . . . . .	1886	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.
† LOVE, James Robert Beattie . . . . .	1915		B.A.
† LOVE, John Alexander . . . . .	1915		M.B., B.S.
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, (nee Wilks), Vida Alice . . . . .	1904		B.A.
LYNCH, Arthur Francis Augustin . . . . .	1889		M.B., B.S.

## M.

McAREE, Francis Edward . . . . .	1906		M.B., B.S.
McAREE, John Victor . . . . .	1905		M.B., B.S.
* McARTHUR, David William Stanley . . . . .	1901		B.Sc.
McATEER, Patrick Joseph . . . . .	1913		B.A.
MACAULAY, Robert Wilson . . . . .	1903		B.A.
* McCULLAGH, William George . . . . .	1877	Dublin (1854) . . . .	B.A.
* MACBEAN, John . . . . .	1877	Aberdeen (1832) . . . .	M.A.
† McBRIDE, Dorothy Evelyn . . . . .	1915		Mus. Bac.
McBRIDE, William John . . . . .	1898		B.Sc.
McBRYDE, (formerly Schultz), Frederick Balfour . . . . .	1912		LL.B.
McCARTHY, Walter James . . . . .	{ 1891 1904		B.A. B.Sc.
McDONALD, Cyril George Hugh . . . . .	1917	B.Sc., 1913, surrendered for B.E. 1917 . . . .	B.E.
McDONALD, Ross . . . . .	1913		LL.B.
McDONNELL, John Carlile . . . . .	1913	Cambridge (1892) ..	M.A.
McEWIN, Keith . . . . .	1912		M.B., B.S.
McGLASHAN (nee Gardner), Mary Beatrice . . . . .	1909		B.A.
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.
† MACLAREN, Peter Patrick . . . . .	1915		B.A.
MACLENNAN, James Sydney Kil- coy . . . . .	1906		LL.B.
McNAMARA, Louis Warnecke . . . . .	1913	B.Sc., 1909 surren- dered for B.E., 1913	B.E.
† McROSTIE, Ella Kate . . . . .	1915		B.A.

\* Deceased.

† Not yet Members of Senate.

MACULLY, Alexander . . . . .	1901	Melbourne (1887) ..	M.A.
MADIGAN, Cecil Thomas . . . . .	1910		B.Sc.
MADSEN, John Percival Vissing ..	{ 1901	Sydney (1900) .. ..	B.Sc.
	{ 1907		D.Sc.
MADDEN, Sir John . . . . .	1901	Cambridge .. . . .	LL.D.
MAGAREY, Archibald Campbell ..	{ 1907		M.B., B.S.
	{ 1912		M.S.
MAGAREY, Cromwell . . . . .	1889		M.B., B.S.
* MAGAREY, Frank William Ashley	{ 1901	Sydney (1899) .. ..	M.B.
	{ 1903	Sydney (1903) .. ..	M.D.
MAGAREY, Rupert Eric . . . . .	1904		M.B., B.S.
* MAGAREY, Sylvanus James . . . . .	1888	Melbourne (1888) ..	M.D.
MAGAREY, William Ashley . . . . .	1888		LL.B.
MAKIN, Frank Humphrey . . . . .	1906	Melbourne (1901) ..	M.B.
† MANDER, Linden Alfred . . . . .	1917		B.A.
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 . . . . .	1915	B.Sc., 1904, surren- dered for B.E., 1915	B.E.
MARTIN, William Thomas . . . . .	1914		B.A.
MASSON, David Orme . . . . .	1914	Edinburgh (1884) ..	D.Sc.
MASTERS, Frederick George . . . . .	1900	Cambridge (1898) ..	M.A.
MATTHEWS, Richard Twitchell ..	1884	London (1883) . . . .	B.A.
MAUGHAN, Milton Moss . . . . .	1904		B.A.
MAWSON, Sir Douglas . . . . .	{ 1907	Sydney (1901) .. ..	B.Sc.
	{ 1909		D.Sc.
MAYO, George Elton . . . . .	1911		B.A.
MAYO, Helen Mary . . . . .	1902		M.B., B.S.
MAYO, Herbert . . . . .	1909		LL.B.
MAYO, John Christian . . . . .	1913		M.B., B.S.
MAYO, Mary Penelope . . . . .	1912		B.A.
MEAD, Cecil Silas . . . . .	{ 1887		B.A.
	{ 1891		M.B., B.S.
* MEAD, Silas . . . . .	1877	London (1859) .. ..	M.A.
MELBOURNE, Alexander Clifford Vernon . . . . .	1910.		B.A.
* MELLOR, James Taylor . . . . .	1888		LL.B.
MELROSE, Alexander . . . . .	1886		LL.B.
† MILLHOUSE, Eric William John ..	1915		LL.B.
MILLER Raymond Orlando Maurice	1905		B.A.
* MILLS, John Brier . . . . .	1914		LL.B.

\* Deceased.

† Not yet Members of Senate.

MILNE, William Somerville .. ..	1890	Oxford (1886) .. . . .	M.A.
MINCHIN, Edward James .. . . .	1894	Dublin (1879) .. . . .	B.A.
MITCHELL, James Thomas .. . . .	1885	Aberdeen (1885) .. . . .	M.D.
MITCHELL, Percival Harris .. . . .	1906		B.A.
MITCHELL, Samuel James .. . . .	1890		LL.B.
MITCHELL, William .. . . .	1895	Edinburgh (1886) .. . . .	M.A.
MITTON, Ernest Gladstone .. . . .	1899		B.Sc.
MOFFAT, May Josephine .. . . .	1911		M.B., B.S.
MONCRIEFF, Josephine Hartley .. . . .	1911		B.A.
MONCRIEFF, Mary Kathleen .. . . .	1910		B.A.
* MOODY, Harold Eric .. . . .	1913		LL.B.
MOORE, Bertie Harcourt .. . . .	1913	B.Sc., 1900, surrendered for B.E., 1913	B.E.
† MOORE, Brian Formby .. . . .	1917		M.B., B.S.
* MOORE, Edwin Canton .. . . .	1882		B.A.
MOORE, George Douglas .. . . .	1904		B.Sc.
MOORE, Phyllis Mary .. . . .	1909		B.A.
MORGAN, Alexander Matheson .. . . .	1890		M.B., B.S.
* MORRIS, Edward Ellis .. . . .	1901	Oxford .. . . .	M.A.
* MORSE, Charles William .. . . .	1877	Cambridge (1850) .. . . .	B.A.
MOTTERAM, Philip .. . . .	1914		B.E.
MOULDEN, Arnold Meredith .. . . .	1914		LL.B.
MOULDEN, Owen Meredith .. . . .	1910		M.B., B.S.
MOULE, Edward Ernst .. . . .	1893		M.B., B.S.
MOYES, John Stoward .. . . .	1907		M.A.
MOYES, Morton Henry .. . . .	1910		B.Sc.
MOYLE, Sidney .. . . .	1917		M.A.
* MUECKE, Carl Wilhelm Ludwig .. . . .	1877	Jena (1847) .. . . .	M.A.
MUECKE, Francis Frederick .. . . .	1902		M.B., B.S.
MUIRDEN, William .. . . .	1910		B.A.
MUIRHEAD, John Robb .. . . .	1908		M.B., B.S.
MUIRHEAD, Leonard Graeme .. . . .	1911		M.B., B.S.
† MUNN, Bertha Helen Temple .. . . .	1917		B.A.
MURPHY, Evangeline .. . . .	1907		B.A.
MURRAY, The Right Hon. Sir George John Robert .. . . .	1883		B.A.

## N.

NADEBAUM, Rudolph Oertel .. . . .	1907		B.A.
NAIRN, Alexander Livingstone .. . . .	1905		M.A.
NANKIVELL, John Thomas .. . . .	1877	Cambridge (1871) .. . . .	B.A.
NAPIER, Alexander Disney Leith .. . . .	1899	Aberdeen (1878) .. . . .	M.D.
NAPIER, Thomas John Mellis .. . . .	1902		LL.B.
NAYLOR, Henry Darnley .. . . .	1906	Cambridge (1894) .. . . .	M.A.

\* Deceased.

† Not yet Members of Senate.

* NESBIT, William Peel . . . . .	1877	Edinburgh (1873) ..	M.B.
* NEUBAUER, Max Friedrich . . . . .	1877	Munich (1873) . . . .	M.D.
NEWLAND, Clive . . . . .	1902		M.B., B.S.
NEWLAND, Henry Simpson . . . . .	{ 1896 1902		M.B., B.S. M.S.
* NEWLAND, Philip Mesmer . . . . .	1896		LL.B.
NEWMAN, Edgar Harrold . . . . .	1894		LL.B.
NEWMAN, George Gough . . . . .	1892	London (1891) . . . .	B.A.
† NEWMAN, Kathleen Mary . . . . .	1917		B.A.
NEWMAN, Olive Gertrude . . . . .	1909		B.Sc.
NICHOLLS, Leslie Herbert . . . . .	1893		B.A.
† NICHOLSON, Hugh John Gay . . . . .	1916		B.E.
NIESCHE, Frederick William . . . . .	1889	Edinburgh (1886) ..	M.D.
NIETZ, Herbert Walter . . . . .	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.

O.

* OAKLEY, Sir Herbert Stanley . . . . .	1895	Oxford . . . . .	Mus. Doc.
O'DONOGHUE, Stephen Kevin . . . . .	1912		B.A.
OLDHAM, Wilfred . . . . .	1914		B.A.
† O'NEILL, Sydney . . . . .	1917		M.B., B.S.
OSBORN, Edith May . . . . .	1912	M.Sc. Man. (1908) ..	B.Sc.
OSBORN, Theodore George Bently	1912	M.Sc., Man. (1911) ..	B.Sc.

P.

PADMAN, Edward Clyde . . . . .	{ 1897 1900		B.A. LL.B.
PADMAN, Clara, Helen . . . . .	1904		B.A.
PAGE, Albert Edward . . . . .	1914		B.A.
PAINE, Herbert Kingsley . . . . .	1904		LL.B.
* PALMER, Hamilton Charles . . . . .	1877	London (1851) . . . .	LL.B.
PARKHOUSE, Devon . . . . .	1907		M.B., B.S.
PARKIN, George Robert . . . . .	1803	McGill, Canada . . . .	LL.D.
PARSONS, Harold Stephen . . . . .	1912		Mus. Bac.
PARSONS, Herbert Angus . . . . .	1897		LL.B.
† PARSONS, Rex Whaddon . . . . .	1915		B.E.
PATCHELL, Mary Emma . . . . .	{ 1906 1907		B.A. B.Sc.
* PATERSON, Alexander Stuart . . . . .	1877	Edinburgh (1857) ..	M.D.
PATON, Adolph Ernest . . . . .	1915	B.Sc., 1902, surren- dered for B.E., 1915	B.E.

\* Deceased.

† Not yet Members of Senate.

PATON, Alfred Maurice . . . . .	1898		B.Sc.
* PATON, David . . . . .	1878	Glasgow (1864) . . .	M.A.
PATON, Dora Isabel . . . . .	1902		B.Sc.
PAVLA, Roy Rowling . . . . .	1913		B.A.
PAYNE, Louise Mary Gwythyr . .	1914		B.A.
PAYNTER, Ralph Horwood . . . .	1912		M.A.
PEARSON, Henry Ernest . . . . .	{ 1904 1913		B.Sc. B.A.
PELLEW, Leonard James . . . . .	1906		M.B., B.S.
PENNEFATHER, Frederick William	1888	Cambridge (1874) ..	B.A.
PENNY, Harold John . . . . .	1913		M.B., B.S.
PHILLIPS, Ernest . . . . .	1908		I.L.B.
PHILLIPS, Herbert Tarlton . . . . .	1905		B.Sc.
PHILLIPS, James Howard . . . . .	1902		B.Sc.
PHILLIPS, Walter Ross . . . . .	1883	Cambridge (1878) ..	LL.B.
† PHILLIPS, William James Ellery	1915		M.B., B.S.
PINCH, Allan Love . . . . .	1911		LL.B.
PIPER, Harold Bayard . . . . .	1914		LL.B.
PITCHER, Cyril Frederick . . . . .	1911		M.B., B.S.
PITT Arthur William . . . . .	1915		M.A.
† PLOTZ Oscar Arnold . . . . .	1916		M.B., B.S.
PLUMMER Rex Garnet . . . . .	1906		M.B., B.S.
PLUMMER Violet May . . . . .	{ 1893 1897	Melbourne (1897) ..	B.Sc. M.B.
POOLE, Dorothea Landon . . . . .	1906		M.A.
POOLE, Frederic St John . . . . .	1909		M.B., B.S.
POOLE, Frederick Slaney . . . . .	1877	Cambridge (1875) ..	M.A.
POOLE, Henry John . . . . .	1877	Oxford (1856) . . .	M.A.
POTTER, Roy Adolph . . . . .	1913		B.A.
POTTS, Ethelwyn . . . . .	1909		B.A.
POTTS, Gilbert Macdonald . . . . .	1915		M.A.
POTTS, William Andrew . . . . .	1913	B.Sc., 1912, surren- dered for B.E., 1913	B.E.
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 . . . . .	1915		M.A.
PUDDY, Maud Mary . . . . .	1905		Mus. Bac.
PULLEINE, Robert Henry . . . . .	1913	Sydney (1898) . . . .	M.B.

\* Deceased.

Not yet Members of Senate



† PURTON, David Gabriel . . . . .	1916		B.A.
RANDELL, Allan Elliott . . . . .	1897	Melbourne (1897) ..	M.B., Ch.B.
RAWLINGS, Joseph Henry . . . . .	1877	Edinburgh (1866) ..	M.D.
RAYNER, William Henry . . . . .	1907		B.A.

R.

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, Yalesca Leonore Olive	1914		M.A.
REISSMANN, Charles Henry . . . .	1902	Cambridge (1902) ..	M.D.
* RENNEN, Friedrich Emil . . . . .	1877	Jena (1847) . . . . .	M.D.
* RENNICK, Francis Henry . . . . .	1882	Melbourne (1880) ..	M.A.
RENNIE, Edward Henry . . . . .	1885	London (1882) . . . . .	D.Sc.
RENNIE, Edward James Cadell . . .	1913		B.E.
		B.Sc., 1906, surrendered for B.E., 1913	
RENNIE, Henry Charles Cadell . . .	1912		M.B., B.S.
† RICE, Patrick William . . . . .	1915		M.B., B.S.
† RICHARDS, Clarence . . . . .	1915		B.Sc.
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 (nee Jelley), Jeannie . .	1908		Mus. Bac.
RILEY, Mabel . . . . .	1908		B.A.
RISCHBIETH, Oswald Henry Theodore . . . . .	1909		B.A.
ROBERTSON, Joseph . . . . .	1894	Sydney (1877) . . . .	M.A.
ROBERTSON, Lionel Joseph . . . .	1896		B.A.
ROBERTSON, Thorburn Brailsford	1908		D.Sc.
ROBERTSON, William . . . . .	1905	Melbourne (1882) ..	M.B.
ROBINSON, Edgar . . . . .	1912		LL.B.
ROBINSON, Roy Lister . . . . .	1903		B.Sc.
* ROBINSON, William George . . . .	1878	(A.E.G.)	B.A.
ROBIN, Charles Ernest . . . . .	1886		B.A.
ROBIN, Percy Ansell . . . . .	{ 1880 1885	London (1885) .. .	B.A. M.A.
† RODGER, Geoffrey James . . . . .	1915		B.Sc.
ROGERS, Richards Sanders . . . . .	{ 1891 1897 1899	Edinburgh (1887) .. Edinburgh (1893) ..	Ch.M. M.D. M.A.

\* Deceased.

† Not yet Members of Senate

† ROLLAND, James Alexander .. . . .	1917		M.B., B.S.
ROSMAN, Frank Edgar .. . . .	1908		B.Sc.
ROSS, Dudley Bruce .. . . .	1914		LL.B.
ROSSITER, James Leonard .. . . .	1912		M.A.
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.
† SARRE, Vera Georgina .. . . .	1917		B.A.
SCHACHE, Alma Olga Antonia .. . .	1909		B.A.
SCHULZ, Adolf John .. . . .	{ 1905 1909	Zurich, Ph. D. (1908)	B.A. M.A.
* SCOTT, Andrew .. . . .	1883	Melbourne (1881) ..	B.A.
SCOTT, Douglas Comyn .. . . .	1888		LL.B.
SCOTT, Malcolm Leslie .. . . .	1904		M.B., B.S.
SCOTT, Ronald Melville .. . . .	1913	B.Sc. 1910, surren- dered for B.E., 1913	B.E.
* SEABROOK, Leonard Llewellyn .. .	1891		M.B., B.S.
* SEABROOK, Thomas Edward Fraser .. . . .	1877	St. Andrews (1861) ..	M.D.
SEARLE, Frederick John .. . . .	1902		B.A.
SELLS, Alfred .. . . .	1877	Cambridge (1847) ..	M.A.
SEWELL, Charles Edward .. . . .	1886		LL.B.
SEWELL, Frank .. . . .	1899		B.A.
SHANAHAN, Patrick Francis .. . . .	1893		M.B., B.S.
SHARMAN, Florence Mary .. . . .	1914		B.A.
† SHARMAN, Ethel Olive .. . . .	1915		B.A.
SHARP, Cecil James .. . . .	1882	Cambridge (1882) ..	B.A.
SHARP, William Hey .. . . .	1877	Oxford (1871) .. .	M.A.
SHAW, James Barry .. . . .	1904		B.Sc.
SHEPLEY, Leslie Herbert Hamilton	1909		LL.B.
† SHIPWAY, Graham Stuart .. . . .	1916		M.B., B.S.

\* Deceased.

† Not yet Members of Senate.

SHIERLAW, Howard Alison .. . . .	1902		LL.B.
SHORNEY, Herbert Frank .. . . .	1909	Melbourne (1903) .. . . .	M.D.
* SHORT, Augustus .. . . .	1877	Oxford (1826) .. . . .	M.A.
SHURT, Richard Ernest .. . . .	1895	Melbourne (1891) .. . . .	M.B.
SIMPSON, Henry Gordon Liddon .. . . .	1896		J.L.B.
SINCLAIR, William Malcolm .. . . .	1911		M.B., B.S.
† SKEWES, Edward Poster .. . . .	1917		J.L.B.
SKIPPER, Stanley Herbert .. . . .	1901		J.L.B.
SMEATON, Bronte .. . . .	1896		M.B., B.S.
* SMEATON, Stirling .. . . .	1880		B.A.
* SMITH, Arthur William .. . . .	1877	London (1872) .. . . .	M.D.
SMITH, (nee Gardner) Edith Josephine Viner .. . . .	1906		B.A.
SMITH, Frank .. . . .	1903		B.Sc.
SMITH, Grafton, Elliott .. . . .	1914	Sydney (1895) .. . . .	M.D.
SMITH, Harold Whitmore .. . . .	1913	B.Sc., 1906 surrendered for B.E., 1913	B.E.
SMITH, Ida Gwendoline Viner .. . . .	1902		B.A.
SMITH, James .. . . .	1903		J.L.B.
SMITH, James Walter .. . . .	1882	London (1856) .. . . .	J.L.D.
SMITH, Julian Augustus Romaine	{ 1892 1907 1908	Melbourne (1901) .. . . .	{ F.Sc. M.B., M.S. B.S.
† SMITH, Raydon Berry .. . . .	1917		B.E.
SMITH, Sydney Talbot .. . . .	1886	Cambridge (1884) .. . . .	J.L.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, Wilfred Rippon .. . . .	1914		B.E.
SOLLAS, William Johnson .. . . .	1914	Cambridge ( ) .. . . .	D.Sc.
SOLOMON, Isaac Herbert .. . . .	{ 1895 1898		{ B.A. J.L.B.
SOLOMON, Judah Moss .. . . .	{ 1888 1891		{ B.A. J.L.B.
SOLOMON, Susan Selina .. . . .	1890		B.Sc.
† SOMERVILLE, Hugh Norman .. . . .	1915		B.Sc.
† SOMERVILLE, Sesca Lewin .. . . .	1916		B.A.
SOUTER, John Francis .. . . .	1897	Aberdeen (1889) .. . . .	M.B.
† SOUTHWOOD, Albert Ray .. . . .	1916		M.B., B.S.
SPEHR, Carl Louis .. . . .	1895		J.L.B.
SPICER, Edward Clark .. . . .	1877	Melbourne (1877) .. . . .	B.A.
SPROD, Milo Weeks .. . . .	1908		M.B., B.S.
STANFORD, William Bedell .. . . .	1879	Oxford (1864) .. . . .	M.A.
STEELE, David Macdonald .. . . .	1909		M.B., B.S.

\* Deceased

† Not yet Members of the Senate.

STEELE, Kenneth Nugent .. . . .	1914		M.B., B.S.
STEPHENS, Charles Francis .. . . .	1897		B.Sc.
† STEPHENS, Cyril Forster .. . . .	1916		B.Sc.
† STEPHENS, Ella Mary .. . . .	1915		B.A.
STEPHENS, Eric Goyne .. . . .	1912		B.Sc.
STEPHENS, Lillian Mary Theak- ston .. . . .	1907		B.A.
STEVENS, Aubrey Clement .. . . .	1912		B.A.
STEWART, Frederick John Harold	1913		B.A.
STEWART, Colin Gore .. . . .	1914		B.A.
* STEWART, Robert .. . . .	1886	Melbourne (1886) ..	M.D.
STIRLING, Sir Edward Charles ..	1877	Cambridge (1872) ..	M.A.
		Cambridge (1880) ..	M.D.
		Cambridge (1909) ..	D.Sc.
		Cambridge (1871) ..	LL.B.
STIRLING, Sir John Lancelot . . . .	1877		LL.B.
STODDART, Harold William Down- ing .. . . .	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, surren- dered for B.E., 1913	B.E.
* SUNTER, Joseph Tregilgas .. . .	1883	Melbourne (1850) ..	B.A.
SUTER, Alfred Charles .. . . .	1912	Liverpool (1910) ..	B.Sc.
* SUTHERLAND, Archibald Cook ..	1889	Edinburgh (1865) ..	M.A.
* SUTHERLAND, George .. . . .	1882	Melbourne (1879) ..	M.A.
SWAN, Warren Alexander .. . . .	1905		B.A.
† SWEENEY, James Gladstone .. . .	1915		M.B., B.S.
SWIFT, Harry .. . . .	1883	Cambridge (1887) ..	M.D.
† SWIFT, Harry Houghton .. . . .	1915		B.E.
* SYMON, William .. . . .	1879	St. Andrews (1876)	M.A.
† SYMONS, Eric Lindsay .. . . .	1917		M.B., B.S.
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.

\* Deceased.

† Not yet Members of Senate.

TENNYSON, Hallam Baron . . . . .	1900	Litt. D. Cambridge (1899)	I.L.D.
* THOMAS, John Davies . . . . .	1877	London (1871) . . . . .	M.D.
THOMAS, Arthur Nutter . . . . .	1906	Cambridge (1895)	M.A.
THOMAS, Edward Brooke . . . . .	1911		M.B., B.S.
THOMAS, Thomas Eggleston . . . . .	1883	Melbourne (1881) . . . . .	M.A.
THOMPSON, Thomas Alexander . . . . .	1896		B.Sc.
THOMPSON, Harry . . . . .	1909		LL.B.
THOMPSON, James Simpson . . . . .	1906		B.Sc.
† THRUSH, Harry Clifford . . . . .	1915		B.A.
TILLEY, Cecil Edgar . . . . .	1914		B.Sc.
* TODD, Sir Charles . . . . .	1886	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) . . . . .	LL.D.
TRATMAN, Frank . . . . .	1899	London (1892) . . . . .	M.D.
TREHY, Annie Louise Virginia . . . . .	1890		B.Sc.
TRELEAVEN, Walter . . . . .	1898		B.Sc., M.A.
TRÜDINGER, Anna . . . . .	1892		B.A.
TRÜDINGER, Clara . . . . .	1908		B.Sc.
TRÜDINGER, Martin . . . . .	1912		B.A.
TRÜDINGER, Ronald . . . . .	{ 1905 1909		B.Sc. M.B., B.S.
TRÜDINGER, Walter . . . . .	1892		B.A.
† TUCK, Harry Playford . . . . .	1915		B.Sc.
* TUCKER, William Alfred Edgecumbe . . . . .	1885		B.A., LL.B.
TUCKWELL, Ernest Sinclair . . . . .	1902		B.A.
TURNER, Charles Trevor . . . . .	1914		M.B., B.S.
TYAS, Margaret Elizabeth . . . . .	1905	London (1905) . . . . .	B.Sc.

## U.

UPTON, Henry . . . . .	1888		LL.B.
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## V.

* VARLEY, Charles Grant . . . . .	1884		LL.B.
VAUGHAN, John Howard . . . . .	1900		LL.B.
† VERCO, Claude Maythorn . . . . .	1915		B.A.
VERCO, Clement Armour . . . . .	1902	Sydney (1901) . . . . .	M.B., Ch.M.
VERCO, Joseph Cooke . . . . .	1877	London (1876) . . . . .	M.D.
VERCO, Joseph Stanley . . . . .	1913		M.B., B.S.
VERCO, Reginald John . . . . .	1907		M.B., B.S.
VERCO, Sydney Manton . . . . .	1901	Sydney (1900) . . . . .	M.B.
VERCO, William Alfred . . . . .	1890		M.B., B.S.
* VON TREUER, Adolph . . . . .	1877	Dorpat (1844) . . . . .	LL.B.

\* Deceased.

† Not yet Members of Senate.

## W.

* WADEY, Walter Henry	1894		LL.B.
WAINWRIGHT, Edward Harley	1888	London (1878)	B.Sc.
WAINWRIGHT, Charles Leonard	1900		B.Sc.
† WAINWRIGHT, John William	1917		B.A.
WALE, William Henry	1896	Oxford (1874)	Mus. Bac.
WALKER, Daniel	1887		B.Sc.
WALKER, Ellen Lawson	1899		B.Sc.
WALKER, Francis Sophia	1908		Mus. Bac.
WALKER, Jane Elizabeth	1908	Wales ( )	B.A.
* WALKER, William John	1885		B.A.
WALL, Frederick, Lawrence	1914		M.B., B.S.
† WALL, Kathleen May	1917		B.A.
WALLMANN, Reginald Horton	1907		LL.B.
WALTER, Hilda Blanche May	1915		M.A.
WALTER, William Ardagh Gardner	1909	Oxford (1908)	B.A.
WALTON, Gertrude Mary	1904		B.A.
WARD, Cyril Michael	1912		M.A.
WARD, John Frederick	1908		M.A.
WARD, Leonard Keith	1913	Sydney (1903)	B.E.
† WARREN Sidney Lilla	1915		B.A.
* WARREN, Thomas Hogarth	1889		LL.B.
† WATERHOUSE, Arthur Greaves	1917		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, John Newton	1917		M.B., B.S.
WEBB, Noel Augustin	1886		LL.B.
* WEBB, Robert Bennett	1877	Oxford (1869)	M.A.
WEHRSTEDT, Walter Franz	1899		B.A.
WEIR, Isobel	1914		B.A.
WELD, Elizabeth Eleanor	1901	Melbourne (1901)	M.B.
* WELD, Octavius	1877	Toronto (1856)	B.A.
WELLS, Clement Victor	1902		M.B., B.S.
WELLS, John Clarence	1912		M.B., B.S.
WEST, Arthur George Bainbridge	1897	Oxford (1892)	M.A.
WEST, Gordon Roy	{ 1904 1908		B.Sc. M.B., B.S.
WEST, John Stanley	1914	B.Sc., 1907 surrendered for B.E., 1914	B.E.
WEST, Reginald Arthur	1905		M.A.

\* Deceased.

† Not yet Members of Senate.

* WEST-ERSKINE, William Alexander	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.
WHITTINGTON, Bertram	{ 1899 1913			B.Sc. B.E.
WHITTINGTON, Frederick Taylor	1886			LL.B.
WHITTINGTON, Louis Arnold	1911			LL.B.
* WHITTILL, Horatio Thomas	1877	Aberdeen (1858)	..	M.D.
WIBBERLEY, Brian	1911			Mus. Bac.
WIBBERLEY, Brian William	{ 1911 1914			B.Sc. M.B., B.S.
† WIEN-SMITH, Geoffrey	1915			M.B., B.S.
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, Caroline Maragaret	1915			B.A.
WILLIAMS, Eirene Mary	1907			B.A.
* WILLIAMS, Francis	1877	Oxford (1860)	.. ..	M.A.
WILLIAMS, Francis Edgar	1914			B.A.
WILLIAMS, Frank Laurie	1905			LL.B.
WILLIAMS, James Henry	1908			B.A.
WILLIAMS, Mabel Evangeline	1916			M.A.
WILLIAMS, Matthew	1887			B.A.
WILLIAMS, Ralph	1914			B.Sc.
WILLMOTT, Josiah Percival	1907			B.Sc.
† WILLSMORE, Hurtle Binks	1916			B.Sc.
WILSON, Cecil	1912	Cambridge (1886)	..	M.A.
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.
WINWOOD, Susan Ann	1904			Mus. Bac.
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.

\* Deceased.

† Not yet Members of Senate.

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.
WYLIE, Alexander . . . . .	{ 1888		B.A.
	{ 1891		B.Sc.
† WYLLIE, Hugh Alexander . . . . .	1915		M.B., B.S.

## Y.

† YATES, Donald . . . . .	1915		B.Sc.
YEATMAN, Charleton . . . . .	1910		M.B., B.S.
YOUNG, Aretas Charles William . .	1888	Oxford (1871) . . . .	B.A.
YOUNG, David Hastings . . . . .	1894	Edinburgh . . . . .	M.B.
YOUNG, Frederick William . . . . .	1897		LL.B.
YOUNG, William John . . . . .	1883	Dublin (1882) . . . .	M.A.
YOUNGMAN, Landau . . . . .	1910		B.Sc.
YUILL, George Ashwin . . . . .	1913		LL.B.

## Z.

ZWAR, Bernhard Traugott . . . . .	1908	(Melb. M.D., 1902, M.S., 1908) . . . . .	M.D., M.S.
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† Not yet Members of Senate.

## List of Graduates who have taken Honours Degrees.

## HONOURS DEGREE OF MASTER OF ARTS.

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

## HONOURS DEGREE OF BACHELOR OF ARTS.

(INSTITUTED 1901.)

Year.	Name.	School.	Class.
1901	Harry, 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.

\* Did not take B.A. Degree.



<i>Year.</i>	<i>Name</i>	<i>School.</i>	<i>Class.</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 . . . . .	II.
1905	Darwin, L. J. . . . .	Mathematics . . . . .	I.
	Moyes, J. S. . . . .	Mathematics . . . . .	III.
1906	Langman, Mary L. . . . .	Classics . . . . .	I.
	Williams, Mabel E. . . . .	Classics . . . . .	II.
1908	Hubbe, Edith U. . . . .	Classics . . . . .	III.
	Bragg, W. L. . . . .	Mathematics . . . . .	I.
1909	Ferguson, A. S. . . . .	Classics . . . . .	I.
	Hannan, A. J. . . . .	Classics . . . . .	I.
	Paynter, R. H. . . . .	Classics . . . . .	III.
	Rischbieth, O. H. G. . . . .	Classics . . . . .	I.
1910	Moncrieff, Mary K. . . . .	Classics . . . . .	II.
	Reimann, Valesca L. O. . . . .	Classics . . . . .	II.
	Ward, C. M. . . . .	Classics . . . . .	II.
	Melbourne, A. C. V. . . . .	History . . . . .	I.
	* Allen, J. B., B.Sc. . . . .	Mathematics . . . . .	I.
	Brown, F. G. . . . .	Mathematics . . . . .	I.
1911	Barton, F. K. . . . .	Classics . . . . .	I.
	Potts, G. M. . . . .	Classics . . . . .	II.
	Mayo, G. E. . . . .	Philosophy . . . . .	I.
	Ellis, F., B.Sc. . . . .	Mathematics . . . . .	II.
1912	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 . . . . .	I.
	Price, W. J. . . . .	Classics . . . . .	II.
	Stewart, C. G. . . . .	Classics . . . . .	II.
	Tassie, Jean R. . . . .	Classics . . . . .	II.
	Williams, F. E. . . . .	Classics . . . . .	I.

\* Deceased.

<i>Year.</i>	<i>Name.</i>	<i>School.</i>	<i>Class.</i>
1915	Berry, Frances W. . . . .	Classics . . . . .	III.
	Burgess, F. M. . . . .	Classics . . . . .	I.
	Davey, Constance M. . . . .	Philosophy . . . . .	II.
	Dorsch, F. G. . . . .	Classics . . . . .	II.
	Sharman, Olive O. . . . .	Classics . . . . .	II.
1916	Gillman, Phyllis Constance . .	Classics . . . . .	II.
	Somerville, Sesca Lewin . . .	Classics . . . . .	II.
1917	Mander Linden Alfred . . . .	History . . . . .	I.

## HONOURS DEGREE OF BACHELOR OF SCIENCE.

(INSTITUTED 1901.)

1901	Jolly, N. W. . . . .	Mathematics . . . . .	II.
1903	Wilton, J. R. . . . .	Physics . . . . .	I.
	Smith, F. . . . .	Chemistry . . . . .	II.
1904	McCarthy, W. J., B.A. . . . .	Mathematics . . . . .	II.
	Ferguson, A. . . . .	Geology and Palaeontology . . .	I.
1905	Kleeman, R. D. . . . .	Physics . . . . .	I.
	Ellis, Annie R. . . . .	Physiology . . . . .	III.
	Fry, H. K. . . . .	Physiology . . . . .	I.
	Robertson, T. B. . . . .	Physiology . . . . .	I.
1906	Jona, J. L. . . . .	Physiology . . . . .	II.
	Comley, C. H., B.A. . . . .	Geology . . . . .	I.
1907	Lewis, Irene G. . . . .	Physiology . . . . .	I.
	Patchell, Mary . . . . .	Physiology . . . . .	II.
1908	Glasson, J. L. . . . .	Physics . . . . .	I.
	Bagster, L. S. . . . .	Chemistry . . . . .	I.
	Jona, J. . . . .	Physiology . . . . .	III.
1911	Haste, R. A. . . . .	Physiology . . . . .	II.
	Wibberly, 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 . . . . .	II.
1916	Burdon, R. S. . . . .	Physics . . . . .	I.
1917	Hurst, W. W. . . . .	Chemistry . . . . .	II.

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

ALDERMAN, Henry Graham . . . . .	1917	ATKINSON, Alfred Harris Owst . . . . .	1900
ANDREWS, Walter Frederick . . . . .	1888	BAKEWELL, William Kenneth . . . . .	1908
ASHTON, Edward James Wilberforce . . . . .	1896	BENNY, Benjamin . . . . .	1891

BERRY, George Augustus . . . . .	1887	JOHNSON, James Howard . . . . .	1900
* BERTRAM, Robert Matthew . . . . .	1888	JOYNER, Frederick Allen . . . . .	1885
BOUCAUT, George Hiles . . . . .	1906	KEATS, Frederick Phillips . . . . .	1909
BRAY, Cecil Thomas . . . . .	1900	KENNEDY, Donald Angus . . . . .	1904
BRIGHT, William Stuart . . . . .	1904	LAKE, Clement William Hingston . .	1907
CASTLE, Gordon Harwood . . . . .	1885	LITTLE, Egbert Percy Graham . . . .	1838
CAVENAGH, James Gordon . . . . .	1881	McEWIN, George . . . . .	1897
COVENTRY, Charles James . . . . .	1911	McGEE, John . . . . .	1916
DAVENPORT, Arthur Vernon . . . . .	1916	MACKENZIE, Charles Norman . . . . .	1909
DAVEY, Robert Shannon . . . . .	1915	McLAUHLAN, Alexander John . . . . .	1894
DAVISON, John Hubert Hawdon . . . .	1903	MELLOR, Thomas Reginald . . . . .	1915
DENNY, William Joseph . . . . .	1903	MICHELL, George Francis . . . . .	1883
DOWNER, Frank Hagger . . . . .	1886	MITCHELL, Harold Flinders . . . . .	1908
DRIFFIELD, George Carus . . . . .	1889	MOULDEN, Frank Beaumont . . . . .	1895
DURSTON, Sidney Bridle . . . . .	1889	MUIRHEAD, Henry Mortimer . . . . .	1900
FLEMING, Stanley Hugh . . . . .	1902	NESBIT, Hubert Gordon Pariss . . . .	1915
FOSTER, Henry Edgar . . . . .	1889	NESBIT, Reginald George . . . . .	1900
FOX, John Henry . . . . .	1895	NICHOLLS, Theodore Henry . . . . .	1900
GENDERS, Eustace Alexander . . . . .	1916	OWEN, William Frederick . . . . .	1906
GELSTON, Hedley Ringrose . . . . .	1914	PEARSON, Charles Mason . . . . .	1917
GILES, Acland . . . . .	1905	PENNY, Bertram Stephens . . . . .	1908
GILLEN, Vincent de Paul . . . . .	1907	PENNY, Clifton Raymond . . . . .	1893
GOLDSWORTHY, Spencer Gordon . . . .	1916	POVEY, Edward . . . . .	1916
GOLDSWORTHY, William Beazley . . . .	1903	PYNE, William Ewart . . . . .	1915
* GREER, George Andrew . . . . .	1889	RANKIN, Henry Oliver Arthur . . . . .	1912
GWYNNE, Ilted Gordon . . . . .	1891	REGAN, James William . . . . .	1913
HAGUE, Percy . . . . .	1897	REID, Walter Gliddon . . . . .	1909
* HAMP, John Chipp . . . . .	1887	ROBERTS, Donald Arthur . . . . .	1912
HARGRAVE, Charles Townshend . . . .	1904	ROLLISON, William Alexander . . . .	1915
HARGRAVE, Joshua Addison . . . . .	1890	RONALD, Stuart Douglas . . . . .	1910
HESELTINE, Samuel Richard . . . . .	1903	ROUNSEVELL, Horace Vernon . . . . .	1888
HEUZENROEDER, Rudolph Hermann . . .	1913	ROWLEY, Spencer Toler . . . . .	1888
HILL, Henry Richard . . . . .	1887	SHEPHERD, Joseph Scoresby . . . . .	1899
Hill, Herbert Edward . . . . .	1898	SMITH, Frank Seymour . . . . .	1914
HOLLAND, William Corin . . . . .	1909	SMITH, Francis Villeneuve . . . . .	1906
HOMBURG, Hermann . . . . .	1896	STOCKDALE, William John . . . . .	1889
HOMBURG, Robert . . . . .	1897	STUART, Walter Leslie . . . . .	1900
JAMES, Alfred Charles . . . . .	1899	* SUPPLE, Charles Joseph . . . . .	1900

\* Deceased.

SWEENEY, John Grant . . . . .	1915	WARD, Henry Torrens . . . . .	1900
TAPLEY, Willis Wayte . . . . .	1909	WARREN, Sydney John . . . . .	1911
* TAYLOR, Harry Braithwaite . . . . .	1886	WEAVER, Alfred Charles . . . . .	1903
TENNANT, Frederick Augustus . . . . .	1899	WEBB, Albert Bindley . . . . .	1905
TUCKER, Reginald Mervyn . . . . .	1915	WHITBY, Percy Edward Robert . . . . .	1891
VANDENBERGH, William John . . . . .	1896	WIGLEY, Henry Vandeleur . . . . .	1890
VON BERTOUCHE, Rupert Paul Albrecht . . . . .	1892	WINNALL, John Edward Hyde . . . . .	1893
VON DOUSSA, Stanley Bowman . . . . .	1901	WOOLDRIDGE, William Phillips . . . . .	1894
		WRIGHT, Charles Joseph Harvey . . . . .	1888

\* Deceased.

#### Associates in Music.

ALEXANDER, Mary Vera . . . . .	1917	* HOGON, Eileen Margaret . . . . .	1917
ANDREW, Una Lois . . . . .	1915	HOWARD, Winnifred Jean . . . . .	1917
BAMPTON, Alfred John . . . . .	1915	INGHAM, Myrtle Lavinia . . . . .	1916
BASEDOW, Ivy Marie . . . . .	1912	JAMES, Doris . . . . .	1912
BROWN, Kathleen Mary . . . . .	1917	JAMES, Vida Margretta . . . . .	1917
BRUGGEMANN, Martha Dorothy . . . . .	1904	JOYCE, Kate . . . . .	1904
CHAPLIN, Erica Rita Ina . . . . .	1916	KEMP, Marion Kirkwood . . . . .	1903
CHEEK, Muriel Elizabeth . . . . .	1909	KOLLOSCH, Samuel . . . . .	1910
CILENTO, Gladys Muriel West . . . . .	1913	MANNING, Hilda Mahala . . . . .	1902
COLLINS, Ella Mary . . . . .	1916	MARTIN, Thelma Dorothy . . . . .	1917
COUMBE, Hurtle Harold . . . . .	1912	MEEGAN, Kathleen Mary . . . . .	1917
DAVY, Ruby Claudia Emily, Mus. Bac.	1908	MEWKILL, Paula Mary . . . . .	1915
d'ARCY-IRVINE, Alice Bond . . . . .	1913	OLDHAM, Dorothy . . . . .	1914
DAY, Florence Muriel . . . . .	1913	PARKINSON, Charlotte Ethel Violet	1901
EVANS, Bert . . . . .	1913	PHIPPS, Charlotte Lucy Barkwell . . . . .	1905
FLAHERTY, Annie Josephine . . . . .	1907	PUDDY, Maud Mary, Mus. Bac. . . . .	1909
* FORSAITH, May East . . . . .	1912	REIMANN, Hilda Marie . . . . .	1912
GILL, Hilda Beatrice . . . . .	1916	ROACH, Mary Moyle . . . . .	1910
GOSS, Lucy Vera . . . . .	1909	ROBERTS, Winifred Sophie . . . . .	1911
GRIFFITHS, George Townsend . . . . .	1914	ROWE, Florence Nellie . . . . .	1914
HANTKE, Ethel Hilda Hedwig . . . . .	1902	RUDEMANN, Elsa Wilhelmine . . . . .	1903
HILLS, Walter Bedford . . . . .	1904	SARA, Lily Emmaline . . . . .	1916
HINE, Clytie May . . . . .	1908	SAYERS, Alice Mabel . . . . .	1901
HOCHE, Edith . . . . .	1908	SHORT, John Thomas Gordon . . . . .	1907

\* Deceased.

SIMCOCK, Hilda May . . . . .	1917	WALL, Myrtle Tribby . . . . .	1917
SPEHR, Francesca . . . . .	1901	WHILLAS, Helen May . . . . .	1901
TAYLOR, Gladys Leslie . . . . .	1908	WHITINGTON, Clytie Myrtle . . . . .	1917
THRUSH, Annie Vera . . . . .	1915	WHITINGTON, Sylvia Muriel . . . . .	1911
WALLMANN, Beatrice May . . . . .	1909	WIBBERLY, Brian, Mus. Bac. . . . .	1908
VARDON, Daisy . . . . .	1914	WILLIAMSON, Arthur Burton . . . . .	1908

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

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

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

ANDERSON, Reginald Hamp . . . . .	1910	MOYES, Charles Robert . . . . .	1913
ANNELLS, Herbert Edward . . . . .	1908	MOYLE, John Ewart . . . . .	1917
BATHGATE, John Pender . . . . .	1916	MUECKE, Carl Wilhelm Ludwig . . . . .	1908
BAYLY, Edward Benjamin . . . . .	1910	NEEDHAM, George Francis Jack . . . . .	1911
BRAY, Clifford Samuel . . . . .	1908	NEUENKIRCHEN, Hermann Adolph Heinrich . . . . .	1912
CALDER, William Cormack . . . . .	1913	PARR, Harry Sidney . . . . .	1916
CANT, Leonard George . . . . .	1917	PONDER, Gilbert Walter Graham . . . . .	1914
COTTON, Robert Harold . . . . .	1908	PROUD, Katherine Lily . . . . .	1910
DOBSON, Alfred James . . . . .	1909	ROBERTSON, George Oliver . . . . .	1908
FRY, Arthur Henry Percival . . . . .	1910	RUSSACK, Frederick William . . . . .	1913
GALE, Frederick Julius . . . . .	1910	SHEPPARD, Bernard Aubrey . . . . .	1901
HARRIS, Russell Hope . . . . .	1912	SMITH, Charles Alfred . . . . .	1910
HARRISON, William Frank . . . . .	1908	SOLLY, Hubert Ambrose . . . . .	1913
HENDRY, Campbell Alexander . . . . .	1914	STEELE, Robert Moore . . . . .	1908
HOGBEN, Alfred Richard . . . . .	1909	TASSIE, Eric Harry . . . . .	1917
HOGBEN, Horace Cox . . . . .	1915	THOMAS, Harold Clarke . . . . .	1908
HOWIE, George Percival . . . . .	1916	TURNER, Percy . . . . .	1913
KIRKMAN, David . . . . .	1908	WAUCHOPE, James George Neilson . . . . .	1911
LENTON, Leslie . . . . .	1910	WHEELER, Horace Roseby . . . . .	1911
MENKENS, Frank Hermann . . . . .	1908	WILLIAMS, John Carter . . . . .	1917
MESSERT, Albert Edward . . . . .	1908	WINTER, Claude Howard Stanley . . . . .	1914
MILLS, Edward Whitfield . . . . .	1915	WOOD, Alfred Evelyn . . . . .	1909
MILNE, Alexander . . . . .	1910		

**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 Wolf, B.Sc.	1906
CLARK, Archie Septimus, B.Sc. . . .	1902	LANGDON, Reginald Yorke, B.Sc. . .	1905
CLELAND, William Lauder, B.Sc. . .	1905	* McARTHUR, David William Stanley,	
CONNOR, Julian Dove, B.Sc. . . . .	1902	B.Sc. . . . . . . . . . . . . . . .	1904
FAIRWEATHER, Andrew, B.Sc. . . . .	1904	MARTIN, Victor Garfield, B.Sc. . . .	1906
GARDINER, Beauchamp Lennox, B.Sc.	1904	MOORE, Bertie Harcourt, B.Sc. . . .	1902
GARTRELL, Herbert William, B.A.,		PATON, Adolph Ernest, B.Sc. . . . .	1904
B.Sc. . . . . . . . . . . . . . . .	1912	WAINWRIGHT, Charles Leonard,	
GREENWAY, Thomas Charles, B.Sc.	1904	B.Sc. . . . . . . . . . . . . . . .	1905
HESELTINE, Frederick Augustus,		WHITTINGTON, Bertram, B.Sc. . . . .	1901
B.Sc. . . . . . . . . . . . . . . .	1905		

**Diploma in Electrical Engineering.**

(OLD REGULATIONS.)

CHAPPLE, Ernest, B.Sc. . . . . . . . . . . 1904

**Diplomas in Applied Science.**

MINING ENGINEERING

ANGWIN, William Britton, B.Sc. . .	1910	KENNEDY, Alexander Lorimer, B.E.	1915
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
HOLDER, Evan Morecott, B.E. . . .	1910		

ELECTRICAL ENGINEERING.

ANGWIN, Hugh Thomas Moffitt, B.E.	1911	DUMAS, Russell John, B.E. . . . .	1910
BEGG, Reginald Haussen, B.Sc. . .	1911	ELLIS, Frank, B.E. . . . . . . . . .	1908
BROWN, Arthur Cubitt, B.E. . . .	1914	* GILBERT, Joseph, B.Sc. . . . . . .	1908
BURGESS, Leslie Frank, B.Sc. . .	1909	GILL, Lancelot Waring, B.E. . . . .	1909
COOPER, Wilfred Windham, B.E.	1913	GOODMAN, Cyril William, B.E. . .	1915
DART, Ralph John . . . . . . . . .	1914	GRAY, William Watt Erskine, B.E.	1912

\* Deceased.

GREENLESS, Alan David, B.E. . . . .	1910	ROSMAN, Frank Edgar, B.Sc. . . . .	1909
HUTCHESON, George Ian Dewart, B.E. . . . .	1917	SCOTT, Ronald Melville, B.E. . . . .	1912
LANG, William Holland, B.Sc. . . . .	1908	SMITH, Raydon Berry . . . . .	1917
MCDONALD, Cyril George Hugh, B.E.	1917	SMITH, Harold Whitmore, B.E. . . . .	1906
McNAMARA, Louis Warnecke, B.E.	1911	SWIFT, Harry Houghton B.E. . . . .	1915
POTTS, William Andrew, B.E. . . . .	1913	TASSIE, Robert Wilson, B.Sc. . . . .	1909
RENNIE, Edward James Cadell, B.E.	1907	WEST, John Stanley, B.E. . . . .	1908
		NICHOLSON, Hugh John Gay, B.E. . . . .	1916

MECHANICAL ENGINEERING.

BROOKMAN, John Ragless, B.E. . . . .	1907	PARSONS, Rex Whaddon, B.E. . . . .	1915
LAYBOURNE-SMITH, Louis, B.E. . . . .	1908	WHITE, William John . . . . .	1911
MOTTERAM, Philip, B.E. . . . .	1914		

METALLURGY.

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

DIPLOMA IN FORESTRY.

PINCHES, Alfred Leslie . . . . .	1914	SCHEDLICH, Alfred Karl . . . . .	1914
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## LIST OF STUDENTS, 1917.

## UNDERGRADUATE STUDENTS—SESSION 1917.

## LL.B. DEGREE.

Brebner, Charles Cave	Newman, Ralph Frederic
Burns, Leonard James	Pattinson, Baden Powell
Burns, William Middleton	Pearson, Charles Mason
Buttrose, Ian	Reid, John Tennyson
Cheek, Reginald Heithersay	Rochlin, Aaron
Clarke, Lawrence Eric	Rutter, George Lyall
Davey, Roy Herbert	Sanderson, Kenneth Francis Villiers
Gibson, Reginald Mends	Sandery, Charles Arthur
Gillman, Joseph Fisher	Selway, George
Gun, Clement Townsend	Skewes, Edward Foster
Hawkins, Herbert Metcalf	Somerville, Archibald Shierlaw
Hogan, Esmond John	Ralph
Hunt, William Robert	Sparrow, Cyril Keith
Ingleby, Aileen Constance	Stevens, Edgar Loveday
Kelly, William Raymond	Tolley, Lloyd
McGee, John	Travers, John Leo
Michell, George Wilfred	Tucker, Howard Erskine
Michell, John Elsome	Vowles, William Tyley Green
Morgan, Edward James Ranembe	Wallace, Norman Verschuier
Olsson, Athol Julius	Waterhouse, Arthur Greaves
	Woods, Julian Gordon Tenison

## M.B. AND B.S. DEGREES.

Alpers, Philip Jacob	Gilfillan, William
Ballinger, Claude Joseph	Gillen, John Besley
Bean, Alan Reid	Glynn, Robert McMahon
Beare, Frank Howard	Grant, Richard Longford Thorold
Bennett, John Cyril	Gurner, Colin
Bennett, Norman Robertson	Hall, Norman Bruce
Bourke, Herbert Merwin	Harbison, Ernest John Keith
Bollen, Kenneth Willoughby	Harris, George David
Branson, Harrold Randolph	Hecker, Stewart Roy
Broadbent, Eric Elihu	Hetzel, Kenneth Stuart
Broadbent, Harold Walter	Hills, George Ridge
Cairns, Hugh William Bell	Hobbs, Alan Frank
Cilento, Raphael West	Holmes, Jessie Eileen
Collins, William Kendall	Hone, Frank Raymond
Cooper, Donald Counter	Hoopman, Friedrich Wilhelm
Davies, Harold Whitridge	Hübbe, Edith Ulrica, B.A.
Dorsch, Carl Emil	Hussy, Percival Francis Leitch
Florey, Howard Walter	Jones, Alan Thomas Britten
Frith, William John	Jones, Brynmore Beveridge
Gartrell, Eric Frank	Keipert, Leslie James
Gault, Arthur Kyle	Kendrew, George Harry
Gault, Estelle Ruth	Lendon, Guy Austin



Lindon, Leonard Charles Edward  
 Linn, Leslie Wadmore  
 McGlew, Phyllis Dorothy  
 McNeil, John  
 Menz, Wilhelm Oscar  
 Messent, Philip Santo  
 Michell, Charles Francis  
 Moore, Brian Formby  
 Niesche, Frederick Westwood  
 O'Neill, Hugh  
 O'Neill, Sydney  
 Pavey, Harold Keith  
 Pomroy, Harry Roy  
 Pryor, William Arthur  
 Richards, Clarence, B.Sc.  
 Rieger, Clarence Oscar Ferrero  
 Rolland, James Alexander  
 Russell, Alfred Burgess  
 Schafer, Carl Hannaford  
 Schroeder, Arthur George

Shanasy, William Bonwill  
 Souter, Robert John de Neufville  
 Steele, Donald Macdonald  
 Steven, Walter Edward  
 Streich, Carl Ivo  
 Symons, Eric Lindsay  
 Taylor, Benjamin Thomas  
 Tonkin, William Richards  
 Walker, William Delano  
 Wallmann, Douglas Robson  
 Walmsley, Robert Leitch Eric  
 Watson, Arthur Harrison Edward  
 Webb, Arthur Liddon  
 Webb, John Newton  
 Webb, Walter Frederick Swanton  
 Wells, Clarence Gordon  
 West, Esmond Frank  
 White, Alan Hubert  
 Wilson, Laurence Algernon  
 Wurm, Bertram Eric

## B.A. DEGREE.

Alexander, Mary Vera  
 Anderson, Gwendoline Mary  
 Andrewantha, Grace Taunton  
 Anthony, Ernest  
 Batchelor, Flossie Elizabeth Reine  
 Beachamp, Gilielma Blanche  
 Berriman, Annie Stevens  
 Billing, Geoffrey Chandos  
 Binns, Constance Jane  
 Butler, Clarice Mary  
 Campbell, Hilda  
 Carr, Emma Lucy  
 Carter, Ida Jane  
 Caterer, Brenda Mary Ainslie  
 Cawte, Frederick George Nelson  
 Chesson Amy Mar  
 Chesterfield, Charles Albert  
 Clayer, Leila Doreen  
 Cleggett Edith  
 Cole, Gweneth Haslam  
 Collins, Dorothy Ellen  
 Coombes, Herbert Isaac  
 Cox, Edith Gertrude  
 Coulthard, Phyllis Maud  
 Crase, Leonore  
 Cresswell, James Edwin  
 Crutchett, Gladys Vera  
 Dasborough, Mary Edgell  
 Davis, Joy Maude  
 Day, Keith Vernon  
 Devonshire, Roy Vivian  
 Diment, William Stuart  
 Dolan, Arthur Sutton  
 Dossier, Arthur Reginald  
 Dougherty, Mary Francesca  
 Eford, Ellen  
 Featherstone, Dora Bewlay

Flint, Adela Lysander  
 Flint, Harold Eidsen  
 Forgan, Frederick Robert  
 Gent, Hazel Marjorie  
 Godlee, Margery Rebecca  
 Gooden, Edgar Lorenzo  
 Gratton, Norman Murray Gladstone  
 Grosvenor, Clifford Ivo  
 Haselgrove, Helene Martha  
 Hawken, Doris Marguerite  
 Harding, Ernest Albert Walter  
 Harris, Dorothy Mary  
 Haskard, Gordon Lindsay  
 Haskard, Rita Louisa  
 Holdsworth, Hilda Maude  
 Holman, Nina  
 Hunter, Doris  
 Kelly, Dorothy Annie Headland  
 Kentish, Dorothy Grace  
 Kugelberg, Emma Dorothea Mathilde  
 Lang, Phillip Roy  
 Leslie, Jean  
 Lewis, Marjorie Hope  
 Luke, Gwendoline Winifred  
 Macghey, Mary Veta  
 Mander, Linden Alfred  
 Mann, Gertrude Irene  
 McKechnie, Elizabeth Lawson  
 McPherson, Olive Louisa  
 Magarey, Kathleen de Brett  
 Menz, Anna Magdalene Augusta  
 Michelmores, Roland Symons  
 Mitchell, Annie Nora  
 Morgan, Olive Grace  
 Muller, Gerald  
 Muller, Winnifred Florence  
 Murray, Jean Hendry

Newman, Kathleen Mary  
 Nietz, Arno Oscar  
 Nobes, Edith Dorothy  
 Noble, Hedley Lindsay  
 Odgers, Gladys Edith  
 Othams, Dorothy Elizabeth  
 Padget, Dora Jane  
 Park, Helena Ursula Cuthbert  
 Parker, Mina Evelyn  
 Polden, Elsie Maude  
 Powell, Kathleen Naomi  
 Pentelow, Samuel Thomas Otho  
 Pitt, George Henry  
 Pobjoy, Anee Blake  
 Preece, William Ewart  
 Purton, David Gabriel  
 Priest, Amy Grace  
 Rendell, Alan  
 Richards, Cecil Albert  
 Ruddell, Matthew  
 Roach, Kenneth Douglas  
 Robinson, Samuel Foster  
 Rodgers, Frances Ada  
 Sarre, Vera Georgina  
 Shaw, Kate Hambly  
 Simon, Rosina Elsa  
 Simons, Raymond Payne

Smith, Annie Ethel  
 Somerville, Dorothy Christine  
 Somerville, Mabel  
 Speck, Albert Edward  
 Statton, Arthur Knight  
 Steele, James Strathearn  
 Thomas, Eivira Beatrice  
 Thomson, James Simpson B.Sc  
 Threadgill, Bessie  
 Tilbrook, Jabez Percy Harold  
 Topperwein, Irwin Bismarck  
 Trebilcock, Lancelot Eric  
 Tregenza, Sydney Lloyd  
 Tuck, Bernard Edward Charles  
 Tymons, Catherine Honora  
 Wainwright, John William  
 Walker, Rubelle  
 Walsh, Dorothy Cunley  
 Ward, Harry Lancelot  
 Wauchope, Mavis Loreli  
 Wauchope, Diosma Marie  
 West, Doris Marjorie  
 Whiting, Clyde Taylor  
 Williams, Gwenneth  
 Williams, Thomas Edward  
 Woods, Ada Jean  
 Wright, Cyril Walter

## M.A. DEGREE.

Allen, Lois Waveney B.A.  
 Davey, Constance Muriel, B.A.  
 Gillman, Phyllis Costance, B.A.  
 Good, Frances Helena, B.A.  
 McAteer, Patrick Joseph, B.A.

Moyle, Sidney, B.A.  
 Nietz, Herbert Walter, B.A.  
 Okdham, Wilfrid, B.A.  
 Prince, Erica Lloyd, B.A.  
 Somerville Sescia Lewin, B.A.

## B.Sc. DEGREE.

Appleby, Harold Henry  
 Berry, Philip Alan  
 Blackney, Samuel  
 Crompton, Launcelot  
 Fowler, George Swan Murray  
 Haselgrove, Alan J. alstead  
 Hurst, Walter William, B.Sc.  
 Jauncey, Keith  
 Kessel, Stephen Lackey  
 Marmion, Robert James

Murray, Beatrice Jean  
 Neitz, Herbert Walter  
 Phillips, Zoe Somerset  
 Reed, Eileen Ruth Lathlean  
 Robertsor, Gordon Clough  
 Rowe, Ernest Thomas  
 Smith, Kenneth William Algernon  
 Swann, Eric John  
 Winnall, Nancy Eleanor  
 Winzor, Frank Lovelock

## B.E. DEGREE.

Abbott, Geoffrey Joseph  
 Anderson, William Moffat  
 Cartledge, Herbert Henry  
 Cooper, Thomas Edwards  
 Cresswell, Edwin Fletcher  
 Dawkins, Albert Norman  
 Eimer, George Herman

Fuller, George Rayner  
 Gilman, Sherlock Hill Marshall  
 Isenstein, Abraham  
 James, Wesley Hughes  
 Kinnaird, Alexander Ross  
 Kneese, Alexander Theodore  
 Messent, Keith Santo

Mongan, Horace John  
 Padman, Marsden Waterhouse  
 Reimann, Arnold Luehrs  
 Robertson, Douglas Emerson  
 Robin, Rowland Cuthbert  
 Rodley, Harold Roy Ernest  
 Schomburgk, Richard Henry  
 Sharman, Ernest James

Stratmann, Carl  
 Symonds, George Burnett Lionel  
 Thrum, Edward Allen  
 Tilemann, Carl Norbooy  
 Vawser, John Alfred  
 Wigan, Leonard James Cleveland  
 Winnall, John

## MUS. BAC. DEGREE.

Atwell, Ethel  
 Chaplin, Erica Rita Ina  
 Howard, Winifred Jean  
 Joyce, Hilda Burton

Matthews, Henry William  
 Riedel, Melita Wanda  
 Spriggs, Harriet Rosetta  
 Ward, Evelyn Lucy

## NON-GRADUATING STUDENTS—SESSION 1917.

## FINAL CERTIFICATE IN LAW.

Daly, John Joseph

Pearson, Charles Mason

## ARTS AND SCIENCE.

Adams, Dorothy Sorby  
 Adams, Frederick Penoyre  
 Altmann, Arthur Richard  
 Appleby, Harold Henry  
 Ashton, William Raymond  
 Baker, Wyndham Arthur Jeffrey  
 Ball, Reginald John  
 Barnard, Madge  
 Batchelor, John Egerton  
 Begg, Percy Raymond  
 Blackler, Clarence William  
 Boucaut, Alick Le Rey  
 Brazil, Jack Trapman  
 Campbell, Robert  
 Cameron, Sarah  
 Close, Hazel Maynard  
 Cook, Olive Evelyn  
 Coombs, Frederick Charles  
 Cooney, Andrew Augusta  
 Cowell, Dorothy  
 Cox, Dudley Cotton  
 Cramp, John Francis  
 Cresswell, Muriel Blanche Lillecrapp  
 Davison, Keith Douglas

d'Erlanger, Henry Roland  
 Dawes, Edward Harold  
 Dridan, Julian Randal  
 Eustace, John Leonard  
 Fahey, William Patrick  
 Farquhar, Allan James  
 Ford, Raymond William  
 Francis, Victor Clifford  
 Francis, Wilfred Galton  
 Francis, Leonard James  
 Freeman, Charles Herbert  
 Friedrichs, Roydon Keith  
 Gartrell, Francis John  
 Gault, Maisie Isabelle Ogilvie  
 Good, Doris Russell  
 Green, Lorna Mary Alexandra  
 Greenwood, Herbert  
 Greatrex, Joseph James  
 Hall, Gordon Frost  
 Hand, Jeffery William  
 Hanley, Thomas Errol  
 Harris, John  
 Haste, Edna Minnie  
 Hayden, Michael

Hendry, Charlotte Mildred  
 Hennesay, Arthur Henry  
 Hewitson, Frank Beaumont  
 Hollitt, Lorion David  
 Homburg, Rita  
 Hool, William Storey  
 Hooper, Margaret  
 Hunter, Alan McIntyre  
 Hustler, Harry Fenwick  
 Hylton, Rex  
 Iliffe, Phyllis Louise  
 Johnston, Benjamin George  
 Jones, Samuel Britten  
 Jose, Gilbert Edgar  
 Kelly, Lucy Mary  
 Kschenka, Ernest William  
 Laidlaw, Walter Gollen  
 Lamphee, Allan Dunstan  
 Law, Gertrude Teresa  
 Leahy, Bertrand Paul  
 Leahy, Kevin Patrick  
 Leditschke, Frederick Berthold  
 Leditschke, Hermann Oscar  
 Leniham, Katherine Agatha  
 Lewis, Reginald William Frederick  
 Livingstone, Frank William  
 Lomman, Hedley Paul  
 Longbottom, Hugh Montgomery  
 Luber, Rose  
 Lushey, Harold Merton  
 McCaffrey, Eileen Winifred  
 McDiarmid, Duncan  
 McLaughlin, Eugene  
 McLean, Donald Robert  
 Maerschel, Stella Helene  
 Martin, Harold Edwin  
 Marston, Hedley Ralph  
 Menz, Emmi  
 Menz, Hermann Victor  
 Miller, Roland Geoffrey  
 Mitchell, Joanna Roberta  
 Monerjoff Theodore Edward Lutt-  
 rell  
 Moore, Arthur Pariss Reading  
 Morris, Audrey Carrie Alexandra  
 Morris, Edward Walter Galvin  
 Murray, Margaret Isobel  
 Nancarrow, Ewart Henry Beaumont

Nelson, William Barton  
 Newland, Donald James  
 Newman, Cecil Francis  
 Nicholle, Thomas Heller Sarre  
 O'Donnell, John Andrew  
 O'Flaherty, William Hercules  
 O'Reilly, Patrick John  
 Page, Eileen Rooke  
 Palmer, Dudley Keith  
 Paynter, John Arundel  
 Pfuhl, Stanley William  
 Plotz, Ernest Michael Anton  
 Polden, Leslie James  
 Pope, Hugh Gilmore  
 Povey, Edward  
 Quinn, Thomas Vincent  
 Randall, Harry  
 Rogers, Linley Watson  
 Samuel, Malcolm Vindin  
 Saxby, William John  
 Schneider, Wilfred  
 Shadgett, Lawrence Moss  
 Smith, Gordon Wearing  
 Smith, Margaret Millicent  
 Smith, Mary Isobel Barr  
 Smith, Robert James Brazil  
 Steinberg, George Lewis  
 Stobie, James Cyril  
 Taylor, Robert Beavis  
 Thompson, John Shaw  
 Tostevin, Alfred Ladyman  
 Traeger, Gustave Albert  
 Traeger, John Gustav  
 Treloar, Harry Mayne  
 Treloar, Kathleen  
 Trigg, Reginald Gordon  
 Tuck, Winifred May  
 Wall, Hilda Miriam  
 Waterhouse, Louis David, LL.B.  
 Wallace, Armont Alexander  
 Wearne, Harry  
 Weiss, Frank Leonard  
 Wells, Hill Gillman  
 Wicks, Frederick Ralph  
 Wood, Joseph Garnett  
 Wreford, Charles Hetherington  
 Young, Ida Ethel  
 Zadow, Herbert Otto

#### STUDENTS PROCEEDING TO THE DIPLOMA IN COMMERCE.

Adamson, Harold Stanley  
 Allanson, Harold James Charles  
 Appleby, William Frederick  
 Bakewell, Robert Donald  
 Barlow, Charles Walter William  
 Bayly, Alfred William  
 Bayly, Earnest Edward  
 Beckwith, Challis James

Bennet, Arthur Edmund John  
 Berry, William Jasper  
 Boykett, Kenneth Hebbert  
 Bulk, Roy Mostyn  
 Cant, Leonard George  
 Chaplin, Eric Stanley  
 Clutterbuck, Leslie Arthur  
 Cottrell, John Ledsam

Davidson, Cuthbert Hewitt  
Dempsey, Joseph Andrew James  
Dermott, John Edwin  
Dixon, John Faulkner  
Edson, William Frank Mortimer  
Elphick, Keith Lancelot  
Foreman, Sidney Hugh  
Francis, Ainslie De Lacey  
Giles, Kenneth Livingstone  
Gould, Kenneth Ingerson  
Gwynne, John Lithgow  
Hains, Charles Ralph Alexander  
Higgins, Harry Coote  
Horton, Francis Adolphus  
Houghton, William George  
Hughes, George Alfred  
James, Charles Kingsley  
Jones, Quinton Cuthbert  
Kinnish, Florence Maud  
Krome, Ernest Gilbert  
Ling, Cyril Hill  
Lyon, James Cobbett  
Mansell, William Henry  
Miller, Clifford William Littlejohn  
Miller, Gavin Robert  
Mitchell, Bruce  
Moyes, Cecil Clarence  
Moyle, John Ewart

O'Mahoney, John Edwin Denis  
O'Mullane, Jerome Joseph  
Painter, David  
Painter, Edward Websdale  
Peek, Wallace Victor Thomas  
Reed, Henry Dennison  
Reed, Percivil  
Riedel, George  
Rooney, Patrick William  
Rowe, Hurtle Peters  
Sambell, Frederick James  
Savage, Hubert Joseph  
Shepley, William Allen  
Slater, Joseph Henry  
Spinkston, William Leslie  
Stock, Ida May  
Sutton, Charles Ronald  
Tassie, Eric Harry  
Thomson, Sydney Ascot  
Yawser, Leeson William  
Vowles, Norman Augustine  
Whitridge, Gladstone Keith  
Williams, Eric Spencer  
Williams, John Carter  
Willsmore, William Herbert  
Wilson, Ralph Goodwin  
Wright, Sydney Charles Grenville  
Young, John Brinton

# STATUTES.

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## **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.*

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## **Chapter II.—Of the Council.**

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

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

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

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

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## **Chapter III.—Of the Senate.**

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

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

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

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

#### Chapter IV.—Of Professors and Lecturers.

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

- a. The Hughes Professor of Classics and Comparative Philology and Literature.
- b. The Hughes Professor of English Language and Literature and Mental and Moral Philosophy.
- c. The Elder Professor of Pure and Applied Mathematics, who shall also give instruction in Physics.
- d. The Elder Professor of Natural Science.
- e. The Elder Professor of Anatomy, who shall also give instruction in Comparative Anatomy, shall be the Director of the Anatomical Museum, and shall prepare specimens of Anatomy, Pathology, and Microscopic Anatomy for the same.
- f. The Angas Professor of Chemistry, who shall be the Director of the Chemical Laboratory, shall conduct classes in Practical Analysis, and shall, if required, give special instruction in the various methods employed in the detection of poisons and in the adulteration of foods and drugs. Nothing contained in these Statutes shall prevent the Angas Professor of Chemistry from accepting any public appointment, with the sanction of the Council.
- \*g. The Elder Professor of Music.
- †h. The Professor of Laws.
- ‡i. The Professor of Physiology.
- ‡j. The Professor of Modern History and English Language and Literature.
- §k. The Professor of Engineering.

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

\* Allowed January 26, 1898.

† Allowed June 11, 1890.

‡ Allowed April 11, 1900.

§ Allowed April 10, 1907.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the Council may appoint a substitute to act in his stead during such incapacity, and such substitute shall receive such proportion not exceeding one-half of the salary of the Professor or Lecturer so incapacitated as the Council shall direct.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University : Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association ; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University : Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.\*

\* *The second clause of Section 8 was allowed June 11, 1890.*

### **Chapter V.—Of the Registrar.**

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

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

† *Allowed 18th September, 1900.*



### Chapter VI.—Of Leave of Absence.

1. The Council may at its discretion grant to any Professor or Lecturer, or any officer of the University, leave of absence for any time not exceeding one year, on such Professor or Lecturer or other officer providing a substitute, to be approved by the Council.

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### 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.

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### Chapter VIII.—Of Terms.

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

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

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

\* Allowed 3rd December, 1902.

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

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### 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.”

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.

\* *Alloved 7th December, 1904.*

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 December 7th, 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."**

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

**A. The Angas Engineering Scholarship.**

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

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

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

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

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

Each candidate for the Scholarship must send in to the Examiners, on or before June 1st of the year in which the competition is held, either an original engineering design or a thesis setting forth the results of an original scientific investigation made by the candidate in some

subject allied to engineering. The subject of the design or thesis must have been submitted to, and approved by, the Faculty of Science at least two months previously. Each candidate must adduce, if required, sufficient evidence of the authenticity of his design or thesis. He may, if the Examiners think fit, be required to pass an examination in that branch of the work from which the subject of his design or thesis is taken.

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

VII. Payment of the Scholarship, computed from the first day of July following the competition, shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering Studies, according to the course proposed to be followed by the Scholar.

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

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

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

### **B. The Angas Engineering Exhibitions.**

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

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

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

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

XIII. Each candidate must be not more than nineteen years of age on the 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 ten days from the award, submit to the Faculty of Arts a topic in English Literature, and, if this is approved by the Faculty, shall at the end of fifteen months from the award, or such extended time as the Council, under special circumstances, may allow, present to the Council a thesis on that topic. If the Prizeman complies with these conditions, and the thesis is pronounced by the Examiners, appointed by the Council, to be worthy, he shall receive a further payment of one-half the income available from the fund, and shall then be entitled to the title of "John Howard Clark Scholar." If the 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

\* Allowed 13th December, 1917.

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.*

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### **Chapter XV.—Of the Stow Prizes and Scholar.**

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

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

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

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

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

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

*\*Allowed December 12, 1907.*

*Allowed January, 1899.*

### Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed the sum of £1,000 to the University, for the purpose of founding a Scholarship to be called by his name, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these statutes, It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

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

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

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

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

*\* Allowed January 13, 1909.*

*Allowed 13th November, 1890.*

### Chapter XVIIb.—Of the Eric Smith Scholarship.

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

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

- II. The scholar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.
- III. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.
- IV. The scholar shall be in all respects subject to the discipline, and to the statutes and regulations for the time being, of the University.
- V. Save by permission of the Council of the University, the scholar shall not retain the Scholarship for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.
- VI. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the scholarship, and the privileges of the then holder shall thereupon be at an end.
- VII. The University shall pay the fees at the School of Mines for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in Medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

*Allowed 10th December, 1915.*

#### **Chapter XVlc.—of the Archibald Mackie Bursary.**

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

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

- II. The bursar shall be exempt from payment of all fees in the course for the Diploma in Commerce, including that payable on taking the Diploma.
- III. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.
- IV. Save by permission of the Council of the University, the bursar shall not retain the bursary for a longer period than that reasonably required in the opinion of the Council for the Diploma course.
- V. The Association may, at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

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

*Allowed 10th December, 1915.*

#### **Chapter XVII.—Of Conduct at Examinations.**

A candidate must not during any examination whatever :—

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work ; or
- (b) directly or indirectly give assistance to any other candidate, or
- (c) permit any other candidate to copy from or otherwise use his or her papers ; or
- (d) directly or indirectly accept assistance from any other candidate ; or
- (e) use any papers of any other candidate ; or
- (f) be guilty of any breach of good order or propriety.

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

*Allowed 3rd January, 1907.*

### Chapter XVIII.—Of Academic Dress.

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

\*2. The academic dress shall be :

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

For all Graduates—A black trencher cap with black silk tassel; and

For Bachelors and Doctors of Laws, Bachelors and Doctors of Medicine, Bachelors and Masters of Surgery, Bachelors and Masters of Arts, Bachelors and Doctors of Science, Bachelors and Masters of Engineering, Bachelors and Doctors of Music—Black gowns similar in shape and material to those used at Cambridge for similar Degrees, and hoods of the same shape as those used at that University.

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

\* Allowed 24th December, 1913.

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

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

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

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

Allowed 9th December, 1891

### Chapter XIX.—Saving Clause and Repeal.

1. The Chancellor, Vice-Chancellor, Professors, Lecturers, Registrar, and other officers of the University at the time of the allowance, and countersignature by the Governor of these statutes shall have the same rank, precedence, and titles, and hold their offices by the same tenure, and upon, and subject to the same terms and conditions, and (save the Chancellor and Vice-Chancellor) receive the same salaries and emoluments, and be subject to dismissal from their offices and suspension for a time from performing the duties and receiving the salaries thereto as if these statutes had not been made.

2. From and after the allowance and countersignature by the Governor of these statutes there shall be repealed :—

The statutes allowed and countersigned by the Governor on each of the undermentioned days, viz :—

1. The 28th day of January, 1876.
2. The 7th day of November, 1881.
3. The 12th day of December, 1882.
4. The 16th day of September, 1885.

And the Regulations allowed and countersigned by the Governor on the 21st day of August, 1878.

Provided that—

I. This repeal shall not affect—

- a. Anything done or suffered before the allowance and countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes ; or
- b. Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed ; or
- c. The validity of any order or regulation made under any statute or regulation hereby repealed ; and

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

*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, 1890.*

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

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

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

*\*Allowed 26th January, 1898.*

*Allowed 15th December, 1896.*

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**Chapter XXII.—Of the Hartley Studentship.**

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

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

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

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

The award shall be determined by adding together the marks obtained in not more than five subjects of the Higher Public Examination and the marks obtained for an English essay as prescribed in the syllabus for that Examination.

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

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

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

\* Allowed 24th December, 1913.

† Allowed 13th December, 1917.

Allowed 7th December, 1911.

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### **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.*

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### Chapter XXIV.—Of Non-Graduating Students.

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

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

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

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

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

\* *Allowed 30th November, 1916.*

*Allowed 7th December, 1904.*

**Chapter XXV.—Miscellaneous.**

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice 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
- \*\*4. Notwithstanding anything to the contrary contained in the Statutes or Regulations of the University, the Council shall have power, during the continuance of the present war, (1) to shorten the period of study required to obtain any degree or diploma, and (2) to alter the date prescribed for any examination.
- †5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.
- †6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.
- †7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just.

\* Allowed 12th August, 1903.

\*\* Allowed 15th April, 1915.

† Allowed 12th August, 1915.

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

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

\* *Allowed 19th April, 1917.*

*Allowed 27th December, 1899*

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

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

1. The Perth Technical School is affiliated to the University of Adelaide.

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

*Allowed 11th December, 1901.*

### **Chapter XXVII.—Of the Board of Commercial Studies.**

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

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

3. The Board shall annually elect a Chairman.
4. The Chairman shall :—
  - a. At his own discretion or upon a written request by the Chancellor, Vice-Chancellor, or two other members of the Board, convene meetings of the Board.
  - b. Preside at meetings of the Board.
  - c. Exercise (subject to the control of the Board), a general control over its administrative business.
  - d. Perform such other duties as the Council shall from time to time prescribe.
5. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

*Allowed 24th December, 1902.*

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**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.

*\*Allowed December 12, 1907.*

*† Allowed April 1, 1908*

- 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 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, 1968.*

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**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:—

- I. 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.*

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### **Chapter XXXII.—Infectious Diseases.**

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

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

*Allowed 24th August, 1910.*

**Chapter XXXIII.—The Lowrie Scholarships.**

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

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

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

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

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

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

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

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

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

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

*Allowed 10th August, 1916.*

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#### **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.*

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#### **Chapter XXXVI.—Of the John Creswell Scholarships.**

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

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

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

(a) have passed the Junior Commercial, or the Senior Commercial, or the Senior Public Examination of the University,

\* *Allowed 12th August, 1915.*

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

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

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

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

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

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

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

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

6. In the event of a Scholarship being forfeited as aforesaid or lapsing or becoming vacant before the holder completes his course for the Diploma in Commerce, the body which awarded such Scholarship may re-award it to the extent

\* Allowed 12th August, 1915.

of its unused privileges to any student satisfying the above conditions of eligibility. Provided that no student holding such forfeited or lapsed or vacated Scholarship shall be eligible for any of the Scholarships to be subsequently awarded.

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

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

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

*\* Allowed 13th December, 1917.*

*Allowed 24th December, 1913.*

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### **Chapter XXXVII. -Of the Alexander Clark Memorial Prize.**

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

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

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

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

Pianoforte	}	Not less than 12 nor more than 18		
Violin				
Violoncello				
Organ			14	20
Singing			17	24

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended



for at least two years, between the ages of eleven and sixteen, a School under the Education Department of South Australia. No candidate who holds or who has held a Scholarship or Prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete in the same Subject for this Prize.

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

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

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

7. Every holder of the Prize shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music; if he fail to pass the examination proper to his year, he shall forthwith forfeit the Prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. The Prize may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

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

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

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

**Chapter XXXVIII.—Of the Lister Prize.**

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

1. The Prize shall be called the "Lister Prize."
2. It shall be awarded in the year 1916, and each second year thereafter, and shall consist, until otherwise determined, of a bronze medal and the sum of £7.
3. It shall be open to competition by medical graduates of the University of not more than five years' standing, and shall be awarded for the best original thesis on some clinical surgical or clinical medical subject.
4. Every thesis intended for competition must not have been previously presented for any competition or prize, and shall reach the Registrar not later than the 30th September in the year of the award.
5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall be empowered either to make the award or to report that no thesis presented is worthy.
6. In case of the Prize not being awarded in any year, it shall be offered for competition again in the following year. If not then awarded the income shall be dealt with as the Council may direct.
7. The Prize shall not be awarded twice to the same person.
8. These Statutes may be varied by the Council from time to time, but the title and general purpose of the Prize shall not be altered.

*Allowed 10th December, 1915.*

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

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

**A. The John Lorenzo Young Scholarship.**

- I. The said sum of £200 shall be invested, and with the income thereof a Scholarship is hereby established, to be called "The John Lorenzo Young Scholarship."
- II. The Scholarship shall be awarded for research in Political Economy, or some cognate subject.
- III. Candidates must be present or past students of the University who have passed in a degree course the subject of Economics, or a subject judged by the Faculty of Arts to be cognate to Economics, not more than six years before the date of the award.
- IV. The Scholarship shall be awarded by the Council on the recommendation of the Faculty of Arts, but no award shall be made unless there is a candidate of sufficient merit.
- V. The Scholarship shall be of the value of thirty pounds, and shall be offered first in December, 1918, and thereafter triennially, or as often as the income from the investments of the said sum of two hundred pounds and any additions thereto as hereinafter mentioned shall amount to thirty pounds.
- VI. If no suitable candidate presents himself in any year when the Scholarship is offered, it shall not be offered again for twelve calendar months; and the income during such period shall be added to the said sum of two hundred pounds and invested for the purpose of the Scholarship.

- VII. The Scholar shall, after his election, prepare an original thesis on some topic of Political Economy, or any cognate subject to be prescribed, or approved, by the Faculty of Arts.
- VIII. The thesis shall be presented within twelve calendar months from the date of the award, or such extended time as the Faculty of Arts may allow.
- IX. The said sum of thirty pounds shall be paid as follows: ten pounds when the award is made, another ten pounds at the end of six calendar months after the date of the award, provided the Faculty of Arts are satisfied with the progress made by the Scholar in his work; and the remaining ten pounds on the completion of the work to the satisfaction of the Faculty.
- X. Applications for the Scholarship must be lodged with the Registrar not later than the 1st November in the year in which it is offered, or such other date as the Council may appoint; and each candidate shall, if required, state in his application the subject of the thesis he proposes to write.
- XI. The Scholarship may be held in conjunction with any other Scholarship or Prize at the University, but shall not be awarded more than once to the same candidate.
- XII. The above Statutes may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.
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**B. The John L. Young Scholarship for Research.**

- XIII. The said sum of £700, and any additions thereto that may hereafter be made, shall be invested, and shall be called "The John L. Young Fund for Research."
- XIV. A Scholarship is hereby established, to be called "The John L. Young Scholarship for Research."
- XV. The Scholarship shall be awarded for Research work in any branch of knowledge but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.
- XVI. Candidates must be graduates or present or past students of the University. There shall be no age limit.

- XVII. Applications for the Scholarship must be lodged with the Registrar not later than the 1st November of each year or such other date as the Council may appoint. Each candidate must specify the particular research work he proposes to undertake.
- XVIII. The Council may arrange a rotation of Faculties in which the Scholarship will be awarded, but may disregard such rotation in favour of a candidate of outstanding merit.
- XIX. The Faculties shall recommend the candidate in their respective departments whom they deem most worthy of the Scholarship, and the final selection shall be made by the Council.
- XX. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.
- XXI. The Council may from time to time make grants out of the income of the Fund to assist members or students of the University engaged in research work; but such grants shall not confer upon the recipients the right to be styled John L. Young Scholars.
- XXII. Subject to any such grants, the whole income of the Fund for the year preceding the award shall be paid to the Scholar in two instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of his Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.
- XXIII. The Scholarship may be held in conjunction with any other Scholarship or Prize at the University, and may be awarded more than once to the same candidate.
- XXIV. If the Scholarship be not awarded in any year, the income which would be otherwise payable to the Scholar shall, in the discretion of the Council, subject to the power of making grants from it for research work, be added either to the corpus of the fund or to the income available when the Scholarship is next awarded, or partly to corpus and partly to income.
- XXV. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

*Allowed 10th December, 1915.*

**Chapter XL.—Of the Dr. Chas. Gosse Lectureship  
and Medal in Ophthalmology.**

Whereas the sum of £1,125 has been subscribed and paid to the University for the purpose of founding with the income thereof a Lectureship and Medal in Ophthalmology in memory of the late Dr. Charles Gosse: Now it is hereby provided as follows:—

- I. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.
- II. There shall be a bronze medal to be called the “Dr. Charles Gosse Medal,” which shall be awarded annually to the best candidate in the subject of Ophthalmology, provided that he shall attain the standard of first class in that subject, and that, in the opinion of the Examiners, he shall be considered worthy of the award.

Only those candidates who have passed in all the subjects of the fifth year's examination shall be eligible for the medal.

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

*Allowed 30th November. 1916.*

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# REGULATIONS.

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## 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)

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

\* Allowed December 7, 1911.

† Allowed August 10, 1916.

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*. (36)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) Physiography and Geology (55a, b, c, d), (F) Mineralogy (55e, f), (g) Elementary Biology (66), (H) Physiology (67), (i) Elementary Botany (62), (j) First Year Pure Mathematics (30). 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 or 15)
- C. *Philosophy*. (25)
- D. *Mathematics*. (34)

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

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

\* Allowed 4th April, 1912.



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

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

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

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

\*V. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council. Exemption in more than one subject shall only be allowed under very exceptional circumstances. All candidates shall be required to do such written or practical work as may be prescribed by the Professor or Lecturer.

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

VII. All examinations referred to in the foregoing regulations shall take place in November of each year. Candidates shall enter their names a month before the day fixed for examination, and shall present certificates showing that they have regularly attended the prescribed lectures and done written, laboratory, or other practical work (where such is required) to the satisfaction of the Professors or Lecturers. Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

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

\* Allowed August 24, 1910.

they have passed should be counted *pro tanto* for the Degree of Bachelor of Arts may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.

\*IX. Bachelors of Science may obtain the Honours Degree of Bachelor of Arts in Mathematics, provided they also pass in one foreign language as prescribed for the ordinary degree in Arts, but no graduate who has obtained the Honours degree of Bachelor of Science in the department of Mathematics may obtain the Honours degree of Bachelor of Arts in Mathematics.

X. Candidates from other Universities who desire that the instruction they have received and the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Arts of this University, may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.

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

A. Ordinary Degree of B.A. :—	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
Jurisprudence ... ..	4 4 6	1 1 0
Physics, First Year, Lectures & Laboratory work	4 4 0	1 1 0
Physics, Second Year, Lectures & Laboratory work	6 6 0	1 1 0
Inorganic Chemistry, Lectures & Laboratory work	5 5 0	1 1 0
Organic Chemistry, Lectures & Laboratory work ...	5 5 0	1 1 0
Geology: Physiography ... ..	1 1 0	None
Geology, Lectures and Laboratory work	3 3 0	1 1 0
Mineralogy, Lectures and Laboratory work ...	3 3 0	1 1 0
Elementary Biology, Lectures & Laboratory work	5 5 0	1 1 0
Physiology, Lectures & Laboratory work ... ..	8 8 0	1 1 0
Elementary Botany, Lectures & Laboratory work	5 5 0	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 August 10, 1916.

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.*

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## OF THE DEGREE OF MASTER OF ARTS.

### REGULATIONS.

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

*\* Allowed 7th December, 1911.*

- II. No candidate shall be admitted to the Degree of Master of Arts until after the expiration of two academical years from the time at which he obtained the Degree of Bachelor of Arts in this or in some other University recognised by this University.
- \*III. Candidates for the Ordinary Degree shall attend lectures and pass examinations in three of the following subjects, other than those in which they have already passed in order to qualify for the Degree of Bachelor of Arts, or for any other degree:—
1. *Greek.* (1)
  2. *Latin.* (2)
  3. *French.* (9)
  4. *German.* (10)
  5. *English Language and Literature.* (8)
  6. *History of the United Kingdom.* (12)
  7. *Modern European History.* (13)
  8. *Economics.* (20)
  9. *Mental and Moral Science:*  
 (A) Psychology (21), (B) Logic (22), (C) Ethics (23), (D) Philosophy (24), (E) Education (26).  
 Psychology and one other of these branch subjects are reckoned together as one subject qualifying for the degree; Psychology and three others as two subjects.
  10. *Jurisprudence* (115 and 117):  
 (A) Constitutional Law and (B) Theory of Law and Legislation.
  11. *Pure Mathematics* (30 and 31)
  12. *Applied Mathematics.* (33)
  13. *Spherical Trigonometry and Astronomy.* (36)
  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) Physiography and Geology (55a, b, c, d), (F) Mineralogy (55e and f), (G) Elementary Biology (66), (H) Physiology (67), (I) Elementary Botany (62), (J) First Year Pure Mathematics (30).  
 Two of these branch subjects are reckoned together as one subject qualifying for the degree, and four as two subjects qualifying for the degree. Can-

didates 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 and 15)
- 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

\* Allowed August 24, 1910.

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
Jurisprudence ... ..	4 14 6	1 1 0
Physics, First Year, Lectures & Laboratory work	4 4 0	1 1 0
Physics, Second Year, Lectures & Laboratory work	6 6 0	1 1 0
Inorganic Chemistry Lectures & Laboratory work	5 5 0	1 1 0
Organic Chemistry, Lectures & Laboratory work	5 5 0	1 1 0
Geology: Physiography ... ..	1 1 0	None
Geology, Lectures & Laboratory work...	3 3 0	1 1 0
Mineralogy, Lectures & Laboratory work ... ..	3 3 0	1 1 0
Elementary Biology, Lectures & Laboratory work	5 5 0	1 1 0
Physiology, Lectures & Laboratory work ... ..	8 8 0	1 1 0
Elementary Botany, Lectures & Laboratory work	5 5 0	1 1 0

\* Allowed August 10, 1916.

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 2nd August, 1905.*

## OF THE DEGREE OF BACHELOR OF SCIENCE.

### REGULATIONS.

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

†II. To obtain the Ordinary Degree, every candidate shall :—

- (a). Be a matriculated student of the University.
- (b). Before matriculating, pass the Senior Public Examination, including in such examination the subjects of Arithmetic and Algebra, and Geometry.

\* *Allowed 7th December, 1911.*

† *Allowed 3rd April, 1913.*

- (c). Before or after matriculating, pass in two of the following languages in the Senior Public Examination: Latin, Greek, French, German, provided that one of the two shall be French or German.
- (d). After matriculation, except in special cases to be allowed by the Council, spend three academical years at least in his course of study at the University, or at affiliated institutions.
- (e) Unless exempted under Regulation III., attend regularly courses of lectures and pass examinations in Mathematics, Physics (37), Chemistry (45), Physiography (55a), and Elementary Biology (66), or Elementary Botany (62), within a range of study to be annually defined in the Schedules hereinafter mentioned. These shall be called the compulsory subjects for the Degree.
- (f) Fulfil the requirements of Regulation IV.

Provided that Students—

1. Taking Physiology as a subject for the final examination for the Degree must have taken Elementary Biology as a compulsory subject.
2. Taking Botany as a subject for the final examination must have taken Elementary Botany as a compulsory subject.
3. Taking both Physiology and Botany as subjects for the final examination must, before entering upon the work in Human Physiology, have taken such parts of the course in Elementary Biology as relate to the morphology and physiology of the animal kingdom.
4. Taking the course in Agriculture or in Forestry must have taken as compulsory subjects Botany, and such parts of the course in Elementary Biology as relate to the morphology and physiology of the animal kingdom.

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

\* Allowed 3rd April, 1913



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

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

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

1. *Mathematics, Pure and Applied.* (31 and 33.)  
and one of the following (32 and 36.)
2. *Physics.* (38 and 39.)
3. *Chemistry.* (46, 47, 48, and 49.)
4. *Physiology.* (68.)
5. *Geology and Mineralogy.* (55 and 56.)
6. *Botany.* (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.* (65a.)
4. Certain portions of the course at the Roseworthy Agricultural College, as from time to time determined by the Council.

Candidates are also required to conduct an investigation 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.* (65b.)
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.* (34)
2. *Physics.* (41)
3. *Chemistry.* (54)
4. *Physiology and Physiological Chemistry.* (69)
5. *Geology and Palaeontology.* (59)
6. *Mineralogical Geology.* (60)
7. *Botany.* (64)

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

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

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

- †VI. All examinations shall take place 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 December, 1914.

† Allowed 24th December, 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.S.C. :—

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 ... ..		5	5 0
Forest Botany ... ..		2	2 0
Forest Entomology ... ..		3	3 0
Surveying and Drawing ... ..		2	2 0
Forestry (two years' course) ... ..		15	15 0

*E.* Honours Degree of B.Sc. :—

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

*F.* Fee for the Ordinary or Honours Degree of

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

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

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

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

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

\* Allowed 10th December, 1915.

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."*

## 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.*

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## 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 sub-

jects prescribed for one of the courses for the Diploma in Applied Science, and must present evidence to the satisfaction of the Council of having had twelve months' practical experience, not necessarily consecutive, in work appropriate to the course he has followed.

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

- IV. Graduates who obtained the Degree of Bachelor of Science, and the Diploma in Mining Engineering and Metallurgy, under the Regulations in force from 1898 to 1902, or who obtained the Degree of Bachelor of Science and the Diploma in Electric Engineering, under the Regulations in force during 1902, may be allowed to surrender the Degree of Bachelor of Science, and to receive instead, without fee, the Degree of Bachelor of Engineering.
- Graduates who have heretofore obtained, or shall before the end of 1913 obtain, the Degree of Bachelor of Science, and the Diploma in Applied Science, may be allowed to surrender the Degree of Bachelor of Science, and to receive instead, without fee, the Degree of Bachelor of Engineering.
- V. Students who before 1913 entered upon the course for the Degree of Bachelor of Science and the Diploma in Applied Science, may, on the completion of their course and of the required practical experience, be granted the degree of Bachelor of Engineering instead of that of Bachelor of Science, at their option.
- VI. Candidates who hold the before mentioned Diploma in Mining and Metallurgy, or the Diploma in Electrical Engineering, or the University Diploma in Applied Science and the Fellowship of the School of Mines, shall, on admission to the Degree of Bachelor of Engineering, be entitled to have endorsed upon such Diplomas a certificate that the holder has attained the Degree of Bachelor of Engineering of the University of Adelaide and that the holding of the Diploma was amongst the conditions entitling the holder thereof to such Degree.
- VII. Students who have passed examinations *in pari materia* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Engineering, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.



Students who have begun or completed a Diploma course in Applied Science or any of the other Diploma courses before mentioned before matriculating, may be exempted by the Council from the necessity of again taking the whole, or such part of the course as they have already completed.

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

*Allowed 6th February, 1913.*

## OF THE DEGREE OF MASTER OF ENGINEERING.

### REGULATIONS.

- I. Every candidate for the Degree of Master of Engineering must be a Bachelor of Engineering of at least two years' standing provided that, if the Bachelor's Degree has been obtained by surrender of the Degree of Bachelor of Science by a graduate who also obtained one of the Diplomas referred to in Regulation IV. of the Degree of Bachelor of Engineering, it shall be sufficient if two years have elapsed since the Diploma was conferred.
- II. The candidate shall :
- (a) Submit evidence satisfactory to the Council that he has had at least three years' practical experience in engineering work.
  - (b) Submit for examination either an original engineering design or a thesis setting forth the results of an original scientific investigation made by him in some subject allied to engineering. The subject of the design or thesis shall be submitted to, and approved by, the Faculty of Science at least three months before it is sent in for examination. The candidate shall adduce, if required, sufficient evidence of the originality of his design or thesis. He may also, if the Examiners think fit, be required to pass an examination in that branch of work from which the subject of his design or thesis is taken.
- III. The following fees shall be payable in advance :
- |                            |    |   |   |
|----------------------------|----|---|---|
| On presentation of Thesis  | £5 | 5 | 0 |
| On admission to the Degree | £5 | 5 | 0 |

*Allowed 6th February, 1913.*

## OF THE UNIVERSITY DIPLOMA IN APPLIED SCIENCE AND THE FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES.

Whereas the University of Adelaide and the South Australian School of Mines and Industries have agreed to unite in providing courses of instruction and examinations in various branches of Applied Science, and to grant to any candidate who completes one of these courses and passes the proper examinations the corresponding University Diploma and Fellowship of the South Australian School of Mines and Industries respectively; and whereas a Joint Board has been appointed by the Councils of the two Institutions to consider all matters arising out of the fulfilment of such Agreement, and to report thereon to the Councils of the two Institutions; and whereas a Faculty of Applied Science has been formed by the two Councils from the staffs of the two Institutions to advise the Board—Now it is hereby provided as follows:—

### REGULATIONS.

- I. Every candidate for the University Diploma in Applied Science and the Fellowship of the South Australian School of Mines and Industries must satisfy the Faculty of Applied Science of his fitness to enter upon the course which he intends to follow.
- \*II. To obtain the Diploma and the Fellowship every candidate must attend lectures regularly and pass examinations in the subjects of one of the following courses:—
  - A. *Mining.*
  - B. *Metallurgy.*
  - C. *Electrical Engineering.*
  - D. *Mechanical Engineering*
 and must produce evidence to the satisfaction of the Joint Board of having obtained at least twelve months' practical experience, not necessarily consecutive, in work appropriate to the course he has followed.
- III. Schedules determining the range of study, the laboratory and other practical work, the examinations, and the fees for the courses mentioned in the preceding regulation, shall be drawn up by the Faculty of Applied Science, submitted to the Joint Board, and when approved by both Councils, shall be published as early as possible in each year. Such Schedules shall be laid before the Senate at the next meeting after they have been approved

\* Allowed 7th December, 1906.

- \*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, 1905.*

*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 1918.

*Abbreviations.*—In the column headed “Hours per week” a single figure such as 2, means 2 hours per week throughout the year. A figure with a suffix such as 2<sub>2</sub>, 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.	Subj-ct.	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. Pavia	S.A.	2 0 0
86	Fitting and Turning I.	6	Mr. Walters	S.M.	2 2 0
30	Mathematics I., First Year	3	Mr. 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.	Fees. £ 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.

74	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 <sub>2</sub>	Mr. Howchin ...	U.	3 3 0
55E, F	Mineralogy and Petrology	2	Sir Douglas Mawson	U.	4 4 0
101	Mining IA. ... ..	2	Mr. Gartrell ...	S.M.	3 0 0
103	Mining IB. ... ..	1	Mr. Gartrell ...	S.M.	1 10 0
106	Surveying and Levelling	{ 6 <sub>1</sub> } { 4 <sub>2</sub> }	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	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.	{ 6 6 0	
97	Metallurgy I., Lectures ...	2	Mr. Reid ... ..	S.M.	1 10 0	
55	{ Mineralogy and Petrology	4,	Sir Douglas Mawson	U.	4 4 0	
E, F	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 <sub>2</sub>	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.

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

## ELECTRICAL ENGINEERING.

## COURSE A.

## FIRST YEAR.

Same as for Mining

## SECOND YEAR.

33	Applied Mathematics	... 3	Prof. Chapman ...	U.	5 5 0
82	Drawing II. ...	... 4	Mr. Gurr ...	S.M.	1 10 0
87	Fitting and Turning II.	... 3	Mr. Walters ...	S.M.	2 5 0
31	Mathematics I., Second Year	2	Mr. Gartrell ...	U.	3 3 0
94	{ Mechan'l Engin'g II. Lect. 2 } " " " Practical 3 <sub>2</sub> }		Mr. Wood ...	S.M.	{ 2 5 0 2 2 0 }
38	Physics II., Lectures and Practical	{ 9 <sub>1</sub> 6 <sub>2</sub> }	Prof. Kerr Grant...	U.	10 10 0
106	Surveying and Levelling	... 6 <sub>1</sub>	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 <sub>2</sub>	Mr. Wood ...	S.M.	1 0 0
74	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 <sub>2</sub>	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 <sub>1</sub>	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. Reidand { 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 <sub>1</sub>	Mr. Wood	S.M.	1 0 0

## THIRD YEAR.

Subject No. in syllabus.	Subject,	Hours per Week.	Lecturer.	Place of Lecture.	Fees. £ s.
74	Applied Mechanics III. ...	4	Prof. Chapman ...	U.	4 4 0
78	Assaying II. (Electrical Course) 10		Mr. Reid ...	S.M.	4 14 6
82	Drawing II. ...	4	Mr. Gurr ...	S.M.	1 10 0
85A	Electrical Engineering I. ...	2	Mr. Clark ..	U.	3 3 0
40	Physics III., Lect. and Pract. 11 <sub>2</sub>		Prof. Kerr Grant...	U.	10 10 0

## FOURTH YEAR.

73	Applied Mechanics II. ...	2 <sub>2</sub>	Mr. Wood ...	S.M.	1 0 0
85	Electrical Engineering II. ...	18	Mr. Clark ...	U.	17 17 0
109	Electro Metallurgy ...	1 <sub>1</sub>	Mr. Reid ...	S.M.	1 0 0
89	Hydraulics ...	2 <sub>1</sub>	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. Elsdon ...	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
38	Physics II., Lect. and Pract. $\left\{ \begin{array}{l} 9_1 \\ 6_2 \end{array} \right\}$		Prof. Kerr Grant ...	U.	10 10 0
73	Applied Mechanics II. ...	2 <sub>2</sub>	Mr. Wood ..	S.M.	1 0 0



## THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fees.		
					£	s.	d.
74	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 <sub>1</sub>	Mr. Gartrell ...	U.	1	1	0
92	Machine Design II.	6	Mr. Wood ...	S.M.	4	7	0
94	Mechanical Engineering II.	2	Mr. Wood ...	S.M.	2	5	0
	“ “ Practical	3 <sub>2</sub>					
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 <sub>1</sub>	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, 1905.

‡ 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.*

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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 articed 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 articed to some practitioner of the Court for the full term of five years, and have served the full term of their clerkship: Provided that in the case of any person who shall before or during his service under articles have taken the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in some University recognized by the University of Adelaide, service under articles, for the full term of three years, shall be sufficient.
- ii. Persons who shall have served the full term of five years as associate or assistant or acting associate to the Judges of the Court or any of them: Provided that if any such person shall, before or during service as such associate or assistant or acting associate have taken the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in any University recognised by the University of Adelaide, such service for the full term of three years shall be sufficient: Provided also that such associate or assistant or acting associate shall, by the certificate of any one of the said Judges, satisfy the Board as to his conduct and fitness to be admitted.

III. Persons who shall have served the full term of five years, during part of such period as associate or assistant or acting associate to the Judges of the Court or any of them, and during part of such period under articles of clerkship: Provided that if any such person shall, before or during such service have taken the degree of Bachelor of Laws or Arts in the University of Adelaide or in any University recognised by the University of Adelaide, such service for the full term of three years shall be sufficient: Provided also that, without limiting the effect of Rule 9, every such person shall, by the certificate of any one of the said Judges satisfy the Board as to his conduct and fitness to be admitted.

## OF THE DEGREE OF DOCTOR OF LAWS.

### REGULATIONS.

- I. A Bachelor of Laws may proceed to the Degree of Doctor of Laws by complying with the following Regulations, but shall not be admitted to the Degree until the expiration of the third academic year from his admission as a Bachelor of Laws.
- II. Every Candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or subject of law proposed by him and approved by the Faculty of Law. He must satisfy the Examiners by such proof as they shall require that the thesis is his own composition.
- III. The Examiners may, if they think fit, examine the Candidate either orally or by written questions in the subject matter of his thesis.
- IV. A printed or type-written copy of any thesis approved by the Examiners shall be deposited by the Candidate in the Library of the University before he is admitted to the Degree.
- V. Candidates who comply with the foregoing conditions and satisfy the Examiners may be admitted to the Degree of Doctor of Laws.
- VI. The following fees shall be payable in advance:—
 

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

*Allowed 12th December, 19 7.*

## 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

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



of medical study, and pass the examination proper to each year before commencing the course of study and practice for the following year.

- V. The student shall forward to the Registrar notice of his intention to present himself at the examination in any year, together with certificates of having completed the course of study and practice prescribed for that year (*see* Schedule 2).
- VI. Schedules shall be drawn up by the Faculty of Medicine, and, after approval by the Council, shall be published before the commencement of each academic year. Such Schedules shall prescribe
1. Details of the course of study and practice for each academic year.
  2. The forms of notices and certificates required from students under these Regulations.
- VII. The student shall not in any academic year be credited with attendance at the lectures on any subject unless he shall have attended three-fourths of the lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.
- VIII. The Ordinary Examination shall be held in November of each year, and the date of the examination shall be fixed by the Council :
- a.* Provided that when the course of instruction in any subject has been completed before the end of the third term, the examination in that subject may be held at any convenient time to be appointed by the Council between the termination of such course and the date fixed for the Ordinary Examination in November.
  - b.* Students who pass in such examination shall be deemed to have passed in that subject at the Ordinary Examination in the November next ensuing, and the marks obtained by them shall be taken into account in determining the results of such Ordinary Examination.
  - c.* Any student who fails to pass at such interim examination or who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of such examination may, with the permission of the

- Council on the recommendation of the Examiners, present himself for re-examination in the subject in which he has failed at the Ordinary Examination in November next ensuing, but he shall not be entitled to be classified.
- IX. Except where otherwise provided by these Regulations the names of the successful candidates at each Ordinary Examination shall be arranged in three classes, and in each class in order of merit.
- X. In addition to the Ordinary Examination in November, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council. No student shall be allowed to present himself at any such Supplementary Examination without the special permission of the Council.
- XI. Any student who has passed examinations *in pari materiâ* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.
- XII. Any student who has presented himself at an Ordinary Examination, but has failed to pass, or who, by reason of illness or other sufficient cause, allowed by the Council, has been prevented from attending the whole or part of such examination, may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for examination at a Supplementary Examination. Such recommendation shall be made by the Board of Examiners when settling the results of the Ordinary Examinations, but the Board shall in no case recommend for a Supplementary Examination any student of the fifth year who has failed to pass at the Ordinary Examination.
- XIII. The student shall not be required to be re-examined at the Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and, on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification will be allowed.

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

\* Allowed 30th November, 1916.

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
FIFTH YEAR.	
Clinical Medicine and Surgery (three terms) ...	4 4 0
Operative Surgery ... ..	4 4 0
Gynæcology ... ..	3 3 0
Ophthalmology ... ..	3 3 0

Otology	...	...	...	...	...	2	2	0
Diseases of Children	...	...	...	...	...	2	2	0
Therapeutics	...	...	...	...	...	4	4	0
Vaccination	...	...	...	...	...	1	1	0
							24	3 0
							124	19 0
Fee for each Ordinary Examination, £3 3s.	Total amount						15	15 0
of Examination Fees for the Five Years	...						5	5 0
Fee for the Degree of Bachelor of Medicine and Bachelor of Surgery	...						145	19 0
	Total						5	5 0
Fee by each Candidate for a Supplementary Examination							1	1 0
Fee for re-examination at an Ordinary Examination in each subject in which the Candidate has failed to pass at an interim examination	...							

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 1918.

[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 nine 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 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.

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## 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 *resume* of each case allotted to him in the wards, and shall transcribe, at the dictation of the Pathologist, an account of *post-mortem* conditions. An attendance-book will be kept at the mortuary, in which each student present shall sign his name. This book will be countersigned by the Pathologist.
- V. Make a written note at least twice a week of each case allotted to him. These notes are inspected by the Medical Superintendent, who will call attention to any defect.
- VI. Receive at the end of his term a certificate from the Medical Superintendent when he has fulfilled these conditions, and stating that fact. If the work is unsatisfactory the Medical Superintendent shall report to the Dean of the Faculty and may refuse a certificate. The certificate shall be signed by the Honorary Officer to whom the student has been attached, and countersigned by the Chairman of the Board.

- VII. Attend the out-patient practice of the junior colleague of the Honorary Officer to whom he is attached. Shall, before the arrival of the Honorary Officer, write on a card a short history of any new case, and shall examine the patient with the Honorary Officer.
- VIII. During the month of February each student of the third and fourth year shall attend respectively a course of elementary surgical and medical training. These courses will consist of two lectures a week, delivered by the Medical Tutor and the Surgical Tutor.

#### CLINICAL CLERKS.

Each Clinical Clerk shall—

- I. Make any *post-mortem* examination under the direction of the Pathologist. A record of examinations made by him will be kept in the attendance-book in the Mortuary.
- II. Examine in the Bacteriological Laboratory of the Hospital the sputum for tubercle bacillus, and shall examine any pathological fluid or specimen from his cases. Tests of the urine are to be made at least once a week. He shall record the results of such examinations in his notes.

#### SURGICAL DRESSERS (INCLUDING THOSE IN SPECIAL DEPARTMENTS).

Each Surgical Dresser shall—

- I. Assist the Surgeon and House Surgeons in operations of the cases allotted to him ; and shall also have and prepare, if required, the site of operation.
- II. Dress cases, or assist in dressing, as required by the Honorary Officer, or by his Resident Medical Officer. Tests of the urine are to be made weekly, and always on the morning of an operation.

#### RECEIVING-ROOM.

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

#### OBSTETRIC DEPARTMENT.

- I. Each student attending cases for the Midwifery Department of the Hospital shall post in the Consulting-room his telephone address by day and by night.

- II. He shall, on receiving a summons from the Hospital, promptly obtain from the Consulting-room the address of the patient and the midwifery-bag.
- III. At the conclusion of the case the midwifery bag is to be returned, and the midwifery return book written up and signed.
- IV. In any case of difficulty or danger he shall summon the Resident Medical Officer. No instrumental interference is to be undertaken by students.

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## 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

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## OF THE DEGREE OF DOCTOR OF MEDICINE.

### REGULATIONS.

- \*I. To obtain the degree of Doctor of Medicine, candidates must have been admitted to the degree of Bachelor of Medicine in the University of Adelaide after examination, or *ad eundem gradum*, and must pass an examination as hereinafter prescribed.
- \*II. No candidate shall be eligible for examination until the ninth academic term after his admission to the Degree of Bachelor of Medicine, except by permission of the Council on the recommendation of the Faculty of Medicine.
- III. The examination for the Degree shall be in such one of the following groups of subjects as the candidate may select :—
- (a) General Medicine, including that of the Nervous System, Medical Ophthalmology, Therapeutics, and the History of Medicine.
  - (b) Diseases of the Nervous System, Mental Physiology and Pathology, and the History of those subjects.
  - (c) Pathology, including Pathological Anatomy, Bacteriology, and the History of those subjects.
  - (d) Obstetrics, Gynæcology, the Diseases of Infancy and of Childhood, and the History of those subjects.
  - (e) State Medicine in all its branches, including Medical Jurisprudence and Hygiene, and the History of those subjects.
- IV. The examination shall be held, when required, in the third term of each academic year, and may be conducted by means of printed or written papers, *visd 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 in this or some other University recognised by the University of Adelaide,

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



## OF THE DEGREE OF MASTER OF SURGERY.

## REGULATIONS.

- I. To obtain the Degree of Master of Surgery candidates must have been admitted to the Degree of Bachelor of Surgery in the University of Adelaide after examination, or *ad eundem gradum*, and must pass an examination as hereinafter prescribed.

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

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

- III. The examination for the Degree shall be in the Principles of Surgery, including Surgical Anatomy, Pathology, Operative Surgery, and the History of those subjects, and, in addition, in such one of the following groups as the candidate may select :

- (a) Gynæcology, including the surgery incidental to Obstetrics, and the History of those subjects.
- (b) The Surgery of the Abdomen, and its History.
- (c) The Surgery of the Organs of the Special Senses, Throat and Larynx, and the History of those subjects.

- IV. The Examination shall be held, when required, in the third term of each academic year, and may be conducted by means of printed or written papers; *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

\* Allowed 13th December, 1917.

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, 1957.*

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#### SCHEDULE UNDER REGULATION VII (b).

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

1. If the candidate has passed the M.B. and B.S. final examinations in the first class, or
2. If the candidate has held residential or visiting office, whether honorary or paid, in any public hospital or institution approved by the Faculty of Medicine and the Council, or
3. If the candidate has been assisting in teaching in this or some other University recognised by the University of Adelaide, or
4. If the candidate is a Fellow of the Royal College of Surgeons, England.

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

## OF THE DEGREE OF BACHELOR OF 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 10th 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 10th December, 1915.

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 ; and attend the special course of tuition in such subject at the Elder Conservatorium for at least one year :—

- (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 |
| Special Course—Practical Subject—  |        |    |    |   |
| For each of Four Terms   | ... .. | 5  | 5  | 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 10th December, 1915.

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*

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## OF THE DEGREE OF DOCTOR OF MUSIC.

### REGULATIONS.

- I. A Bachelor of Music may proceed to the Degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the Degree until the expiration of the third academic year from his admission as a Bachelor of Music.
- \*II. Every candidate shall send to the Registrar of the University, on or before the first day of September, an exercise composed for the occasion. The exercise must be legibly written

*\* Allowed 10th August, 1916.*



(and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions :—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

III. After the exercise has been approved by the Examiners and before taking his Degree the candidate shall deposit a complete copy of the exercise in the University Library.

IV. Candidates whose exercises have been approved shall be required to pass a Final Examination in :—

- 1. Harmony, up to eight parts.
- 2. Counterpoint, up to eight parts.
- 3. { Double Counterpoint, } up to five parts.  
   { Canon, and Fugue, }
- 4. Instrumentation.
- 5. History of Music.
- 6. Musical Analysis.

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

VI. The names of the successful candidates at each examination shall be arranged in alphabetical order.

VII. The following Fees shall be payable in advance :—

On presenting the Exercise	... ..	£6 6 0
“ attending the Final Examination	... ..	£5 5 0
“ taking the Degree of Doctor of Music	... ..	£10 10 0

\* Allowed 10th August, 1916.

Allowed 12th December, 1907.

## OF THE DIPLOMA IN EDUCATION.

## REGULATIONS.

- I. 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. (66)  
*Forestry:* Section A. (Part only of 71e)  
*Forestry:* Section B. (Part only of 71e)  
*Surveying.* (Part only). (106)  
*Chemistry.* (45)  
*Forest Botany.* (65b)

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

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

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

- VI. The lecture fees payable by candidates studying for the Diploma in Forestry shall be as set out for the corresponding subject for the Degree of Bachelor of Science, excepting that for Forestry, for which the fee shall be £5 5s. for each section. The fee for the final examination in Forestry shall be £2 2s. Half fees shall be charged for a subsequent examination. The fee for the Diploma shall be £2 2s.
- VII. These Regulations shall be administered by the Faculty of Science, who shall advise the Council on all questions touching the studies, lectures, and examinations of this course.

*Allowed August 7, 1915.*

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## LABORATORY RULES.

### RULES APPLYING TO ALL LABORATORIES.

Candidates desiring to enter upon any laboratory course in the University must enter their names with the Registrar not later than the day on which lectures begin in the first term.

If qualified to do so they shall pay the required fees and enter upon the desired course forthwith.

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

In either case late entries may be accepted by the Registrar on payment of a fine of 10s.

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### 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 10/6 per term, but each student is strongly advised to purchase his own instrument.

- V. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.
- VI. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- VII. All preparations made from materials supplied by the University shall be its property.
- VIII. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

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

Made by Council, 13th December, 1912.

## RULES OF THE 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
1 small chamois leather.	pencils.
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.

**Made by Council, June, 1911.**



**RULES OF THE CHEMICAL LABORATORY.**

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

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

**Made by Council, June 26, 1903.**

### RULES OF THE PHYSICAL LABORATORY.

- I. The Physical Laboratory shall be open daily during Term time (Saturdays excepted), at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.
- II. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- III. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.
- IV. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open *gratis*, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- V. The Professor of Physics may exclude from the Physical Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

**Made by Council June 30, 1899.**

# SYLLABUS OF SUBJECTS FOR DEGREES AND DIPLOMA COURSES FOR 1918.

*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 1918 :

First year :

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1918 :
  - Euripides, *Medea*, ed. by C. E. S. Headlam (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 :

- Homer, *Odyssey*, XXI., XXII., XXIII., ed. by W. W. Merry (Clarendon Press).
- 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 1918 :

First year :

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.

- (c) Books specially set for 1918 :  
 Livy, XXII., ed. by G. G. Loane (Blackie).  
 Vergil, *Aen.* II., ed. by T. E. Page (Macmillan).
- (d) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

Second Year :

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

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

*The course extends over three years. Candidates are strongly recommended to start Honours Lectures in Composition and Books at the very commencement of their course. As far as possible all the Honours Books will be dealt with in a three years' cycle, and Candidates are advised to read by themselves other works of the authors mentioned in the list below.*

The examination will comprise :

- (a) Translation into Greek prose and verse.\*  
 (b) Translation into Latin prose and verse.\*  
 (c) Translation from Greek into English.  
 (d) Translation from Latin into English.  
 (e) Questions on Grammar, and the Elements of Comparative Philology as applied to the Greek and Latin languages.  
 (f) Questions on Greek and Roman History, and on the subject matter of such Greek and Latin books as may be specially chosen.  
 (g) Books specially chosen for 1918 and 1919 :  
*The Iliad, Books I. and XVIII.*  
*The Odyssey, Books XXI., XXII., XXIII.*  
 Aeschylus, *Prometheus Bound*.  
 Pindar, *Pythian Odes*.  
 Sophocles, *Oedipus the King*.  
 Aristophanes, *The Frogs*.  
 Herodotus, *Book I.*  
 Thucydides, *Books VI. and VIII.*  
 Plato, *Phaedo* ; *Proem to the Republic* (T. G. Tucker).  
 Demosthenes, *Select Private Orations* (Paley and Sandys),  
*Vol. I., Nos. 34, 35, 39, 56.*  
 Plautus, *Rudens*.  
 Lucretius, *Book V.*  
 Vergil, *Aeneid, Books I. and VI.*  
 Horace, *Carmina, Book III.; Epistles, Book I.*  
 Juvenal, *The Satires in J. D. Duff's edition* (Omit No. VI.).  
 Cicero, *Letters to Atticus, Book I.; Tusculan Disputations, Book I.; The Second Philippic.*  
 Livy, *Books I. and XXI.*  
 Tacitus, *Annals, Book I.*

\* Translation into verse is optional.

**4. Greek and Latin. M.A. Honours Degree.**

The Examination will be in the following subjects :

- (a) Translation into English from Greek and Latin writers.
- (b) Grammar, textual Criticism, and Comparative Philology as applied to the Greek and Latin Languages. *An Introduction to Comparative Philology* by J. M. Edmonds (Camb. Univ. Press, 1906) is recommended. Candidates are advised to read *An Introduction to the Natural History of Language*, by T. G. Tucker (Blackie and Son).
- (c) An Essay. The subject must be approved by the Professor of Classics.

Students who propose to read Classics with a view to entering for the M.A. Examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

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## 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 1918:

The professor's lectures and the following books :

## I.

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

## II.

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

## III.

Poetry. Special books:

1. Chaucer. *Prologue*, ed. by R. Morris; new ed. by W. W. Skeat. (Clarendon Press.)
2. Shakespeare (a) *A Midsummer Night's Dream*. (Warwick Shakespeare.)  
(b) *Hamlet*; ed. by E. K. Chambers. Warwick Shakespeare.)  
(c) *Coriolanus*. (Warwick Shakespeare.)
3. Browning, *Selections*. (Smith & Elder.)

## IV.

Prose. Special book:

- A Book of English Essays, 1600-1900*; selected by Makower and Blackwell. (Oxford University Press.)

The John Howard Clark Prize is awarded on the results of the Examination in English Language and Literature. For particulars of the Prize see Statutes, Chapter XIV.

Students are recommended to study Chaucer's *Prologue* before the beginning of the first term, and to use Morris and Skeat's introduction, or the second part of Lounsbury to elucidate the grammatical difficulties of the text.

### 9. French. B.A. and M.A. Ordinary Degrees.

Students in each of the two years are required to attend lectures in language and composition twice a week throughout the year, and to write the exercises to the satisfaction of the lecturer. Two annual examinations are held, of which the first must be passed a year at least before the candidate sits for the other. Fee for the course, £4 4s., or 14/- per term.

Subjects of examination in 1918 :

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 :  
Victor Hugo, *La Légende des Siècles* (Clarendon Press).  
Prosper Mérimée, *Contes et Nouvelles* (Oxford Higher French Series).  
Racine, *Athalie* (Cambridge Univ. Press).
- (e) Selections to be committed to memory :  
Spiers' *Senior French Reciter*, Nos. 1, 3, 10, 13.
- (f) Candidates must satisfy a reading and a conversation test.

Second year :

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) E. Faguet, *Dix-Septième Siècle—Études Littéraires* (Hachette), omitting pp. 1-134. *Cours de Grammaire Historique*. Darmesteter. Part I., pp. 1-64, 91-143.
- (d) Books specially set :  
*Les Poètes Français du XIXe Siècle*, A. Auzas, pp. 1-52, 101-201. (Oxford Imprimerie de l'Université).  
Sainte-Beuve, *M. Daru*, (Pitt Press).  
Gautier, *Voyage en Italie* (Cambridge Univ. Press).  
Molière, *Le Misanthrope* (Macmillan).
- (e) Selections to be committed to memory :  
Le Lac—Saison de Semailles, *La Nuit de Mai* :  
*Poète prends ton luth—sont de purs sanglots*.
- (f) Candidates must satisfy a reading and a conversation test.

Candidates of the Second Year are required to answer in French all questions, except the translation from French into English.

### 10. German. B.A. and M.A. Ordinary Degrees.

No course of lectures is provided at present, but two annual examinations are held, of which the first must be passed a year at least before the candidate sits for the other.

## Subjects of examination in 1918 :

## First year :

- (a) Translation from English into German.
- (b) Translation from German into English.
- (c) History of the German Language.  
Behaghel, *A Short Historical Grammar of the German Language*  
(Macmillan, 3s. 6d.)

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

- (d) Books specially set :  
Lessing, *Minna von Barnhelm*, ed. Wolstenholme (Camb. Univ. Press, 3/-).  
Schiller, *The Song of the Bell, and other Poems* (Blackie's Little German Classics, 6d.).  
Seidel, *Leberecht Hühnchen*, ed. Spanhoofd (Heath & Co., 1/6).
- (e) Selections to be committed to memory :  
Heine, *Lorelei*.  
Uhland, *Das Schloss am Meer*.  
Goethe, *Erkönig*.  
Schiller, *Das Mädchen aus der Fremde*.

(Note: These poems may be found in *Poems for Recitation*, Blackie's Little German Classics, 6d.).

- (f) Candidates must satisfy a reading and a conversation test.

## 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, *Egmont*, ed. Hatfield (Heath & Co., 2/-).  
Grillparzer, *Sappho*, ed. Rippmann (Macmillan, 2/6).  
Scheffel, *Ekkehard*, ed. Wenckebach (Heath & Co., 2/-).

- (e) Selections to be committed to memory :

Körner, *Gebet während der Schlacht*.  
Schiller, *Hoffnung*.  
Uhland, *Die Kapelle*.  
Kerner, *Der reichste Fürst*.  
Goethe, (a) *Kennst du das Land*,  
(b) *Wer nie sein Brot mit Tränen ass*.

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

- (f) Candidates must satisfy a reading and a conversation test.

[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 1919. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination in 1919 :

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 studied the outlines of English history as set down in J. R. Green's *Short History of the English people*, Warner and Marten's *Groundwork of British History*, or S. R. Gardiner's *Student's History of England*. *The Governance of England* should be studied, if possible, before the beginning of the first term.

### 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 1918. 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*. Latest 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)

Bryce's *Holy Roman Empire* should be studied, if possible, before the beginning of the first term.

### 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.*

A thesis must be written on some subject elucidating the history of the period.

**15. (b) British Imperial and Colonial History.**

1. There will be an examination in
  - (a) British Imperial History.
  - (b) History of Australia.
  - (c) Constitutional History of Canada.
  - (d) Imperial Reconstruction.

Books recommended:

Lucas: *The British Empire*; Woodward: *Expansion of Empire*; Egerton: *A Short History of British Colonial Policy*; Henderson: *Sir George Grey*; Jenks: *History of the Australian Colonies*; Cramp: *State and Federal Constitutions of Australia*; Lucas: *Historical Geography of Australia*; Egerton and Grant: *Canadian Constitutional Development*; Curtis: *Problem of the Commonwealth*; Keith: *Imperial Unity and the Dominions.*

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.*  
*Bohd-ed-din.*

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

A thesis must be written on some subject elucidating the history of the period.

## 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 lecturer, 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 1919. Part II. of the course will be given in 1918, and will deal with exchange, distribution, and modern economic history.

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

## Text-books :

- Clive Day, *History of Commerce.*  
 Marshall, *Economics of Industry*, or, Clay, *Economics.*  
 Hobson, *Evolution of Modern Capitalism.*  
 Buxton, *The Arguments on either side of the Fiscal Question.*  
 Plehn, *Public Finance.*  
*Official Year Book of the Commonwealth No. 9, (1916).*

## For Private Study :

- Brown : *Underlying 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.

**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 1918. 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 1917 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. For the M.A. degree two papers will be set, one on Greek philosophy and the other on the history of the theory of knowledge since Descartes. Candidates should include in their reading: Burnet, *Greek Philosophy*, Part i. (Macmillan & Co.); Plato, *Theaetetus*, *Republic*, and *Parmenides*; Aristotle, *Ethics*; Hume, *Treatise of Human Nature*, Part i. (Vol. i. in Everyman's Library); Hegel, *Logic* (tr. Wallace); Bosanquet, *Logic*. Pringle-Pattison, *The Idea of God*. In lieu of part of this examination a candidate may present for his examination the literature of the subject-matter of his thesis. But this alternative must be chosen and approved six months before the date of the examination.

## 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.

#### A. PRINCIPLES OF SECONDARY EDUCATION.

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

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

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

## Text Books :—

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

## Recommended for further reading :

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

Special Reports of the Board of Education, London.

2. Candidates are required to write a thesis on the methods of teaching a subject selected from one of the following divisions in which the candidate has adequate knowledge: English and history, classics, modern languages, science and geography, mathematics. The subject to be dealt with, the literature to be studied, and the probable length of the thesis, must be intimated to the Council and approved at least six months before the work is presented, which may be at any time while the University is in session. The candidate may afterwards be examined on the literature of the subject of his thesis.

## B. HYGIENE.

Personal and school hygiene.

## Text Book :

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

## C. PRACTICAL TEACHING.

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

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## MATHEMATICS.

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

A course of lectures is given annually.

Pre-requisite to this course :—Senior Geometry and Senior Arithmetic and Algebra.

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: analytical geometry of the straight line.
- (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.  
 C. N. Schmall, *A First Course of Analytical Geometry*.  
 Hall & Knight, *Higher 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 :

R. J. A. Barnard, *Elementary Dynamics of the Particle and Rigid Body*.

Greaves, *Statics*.

Besant, *Hydrostatics*.

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

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

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

Subjects for the final examination :

Analytical geometry, infinitesimal calculus, analytical statics, dynamics of a particle, hydrodynamics, 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 who have obtained the Honours Degree of B.A. in the department of Mathematics may present themselves for examination for the Honours Degree of M.A. either in Pure Mathematics or in Applied Mathematics.

Candidates in Pure Mathematics will be examined in advanced calculus, the theory of equations, Fourier's series and integrals, the theory of functions, differential equations, and calculus of variations.

Books recommended—

Goursat, *Course in Mathematical Analysis* (tr. by Hedrick).

Carslaw, *Fourier's Series and Integrals*.

Forsyth, *Differential Equations*.

Harkness and Marley, *Treatise on the Theory of Functions*.

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

Books recommended :

Routh, *Rigid Dynamics*.

Routh, *Statics, Vol. II*.

Webster, *The Dynamics of Particles and of Rigid, Elastic, and Fluid Bodies*.

Silberstein, *Vectorial Mechanics*.

Candidates proposing to enter upon either of the above courses of study are advised to consult with the Professor of Mathematics.

**36. 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*.

R. W. Chapman, *Astronomy for Surveyors*.

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**PHYSICS.**

[The attention of students is directed to the rules on pp. 183 and 188.]

**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*.

The following book is recommended for additional reading :

Millikan and Gale, *A First Course in 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 :

Crew, *Mechanics*.

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*.

Abraham u. Föppl: *Theorie der Elektrizität I.*

Planck, *Thermodynamics*.



## CHEMISTRY.

[The attention of students is directed to the rules on pp. 183, 187.]

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

**A. LECTURES.** This course is given annually and is completed in one year.

Subjects of examination :

Properties of gases. Thermometry. Latent heat and production of cold. Distinction between physical and chemical properties. Chemical action. The atomic theory. Laws of combination. Atomic and molecular weights. Valency. Periodic law. Law of Dulong and Petit.

Elementary Chemistry of the following substances :

Hydrogen, oxygen, ozone, water. Hydrogen peroxide. Nitrogen and its oxides. Nitrous acid. Nitric acid. The atmosphere. Ammonia and its compounds. Hydroxylamine, hydrazine, hydrazoic acid. Carbon and its oxides. Carbonic acid and carbonates. Methane, ethylene, acetylene, and allied hydrocarbons. Combustion and structure of flame. Chlorine, bromine, iodine, and their oxides and derived acids. Fluorine and hydrofluoric acid. Sulphur, its oxides and derived acids, the thionic acids excepted. Sulphuretted hydrogen. Sulphur chlorides. Carbon bisulphide. Phosphorus, its oxides and derived acids. Phosphoretted hydrogen. Phosphorus chlorides.

Arsenic and antimony, their oxides, hydrides, chlorides, sulphides, and derived acids.

Silicon and boron and their oxides, hydrides, chlorides, and derived acids.

Helium, argon and other similar gases.

The Elementary Chemistry of the following metals :

Sodium, potassium, lithium. Copper, silver, gold. Calcium, strontium, barium, radium. Magnesium, zinc, cadmium, mercury. Aluminium. Tin, lead. Bismuth. Chromium, molybdenum. Manganese, iron, cobalt, nickel, platinum.

An elementary statement of the principal facts and theories of solution and electrolysis. The elements of spectrum analysis.

**B. PRACTICAL CHEMISTRY.** This course is given annually and is completed in one year.

The practical work will consist of the qualitative analysis of simple salts and simple mixtures of salts, excluding phosphates insoluble in water and silicates.

**EXAMINATION.** The examination in compulsory Chemistry includes both theoretical and practical chemistry. These cannot be taken separately.

Books recommended :

Introduction to the study of Chemistry, Remsen. Students proceeding to more advanced courses in Inorganic Chemistry should get Newth's Inorganic Chemistry or Introduction to General Inorganic Chemistry by Alexander Smith. Qualitative Chemical Analysis, Inorganic, Chapman Jones.

**46. Theoretical Chemistry Part I. B.Sc. Course, Chemistry II. Course for Diploma in Applied Science, and Inorganic and Physical Chemistry for Agricultural Course.**

LECTURES. This course is given annually and is completed in one year.

Fee, £4 4s.; or £1 8s. per term.

Before taking this course students must have passed the examination in Compulsory Physics (No. 37.)

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.

Students will find this course very difficult unless they have previously taken the elementary course in Organic Chemistry (No. 51).

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.

Students cannot take this course unless they have passed the examination in Compulsory Chemistry (No. 45).

The qualitative analysis of more complex mixtures, including phosphates, silicates, and cyanides; the qualitative analysis of alloys and substances containing carbon, silicon, selenium, tellurium, vanadium, tungsten, molybdenum, platinum, gold, titanium, and uranium.

The gravimetric estimation of aluminium, iron, calcium, magnesium, and sulphuric acid in pure salts.

Analysis of magnesian limestone.

Complete analysis of crystallized copper sulphate.

The volumetric determination of iron by 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, etc.

Fee, £12 12s.; or £4 4s. per term.

#### 50. Practical Chemistry for Agricultural Course.

This course extends over one year. Fee for the course, £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, etc.

#### 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 formulæ from results of analysis. Structural and graphic formulæ.

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 the first two terms of the year.

Qualitative analysis of mixtures containing not more than two acids and two bases, and not more than one organic acid and one organic base, the organic substances to be selected from the following list :—

Oxalates, acetates, benzoates, salicylates, saccinates, tartrates, urates meconates, gallates, tannates, cyanides, double cyanides, alcohol starch, cane-sugar, glucose, 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 in Divisions B to D.

For the B.A. course Geology and Mineralogy Part I. (55 A to F) counts as a full subject; and Geology (55 A to D) as a half subject; but Mineralogy (55 E & F) cannot be counted as a branch subject unless Divisions A to D are also taken.

**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. Field excursions, which form part of the course, will be undertaken at stated inter. als. Students are expected to attend, at least, two-thirds of these excursions. Failing to attend half of the outings will, unless special reasons can be assigned, disqualify for examination. Fee, £1 1s.

Text Book :—

Howchin, W. *Geology of South Australia*. Div. I.

For Reference :

Davis, W. M. *Elementary Physical Geography*, also *Physical Geography*.

Tarr, Ralph S. *New Physical Geography*.

Salisbury, Rollin D. *Physiography*.

**55B, C, D, E, & F. Geology and Mineralogy. Part I.**

B. STRUCTURAL AND TECTONIC GEOLOGY.

Text Books :—

Geikie, Jas. *Structural and Field Geology*,

Dwerryhouse. *Geological and Topographical Maps*.

## For Reference :—

- Tarr, R. S. *College Physiography*.  
 Chamberlin and Salisbury. *Geological Processes and their Results*.  
 Pirsson and Schuchert. *Text Book of Geology*. Part I.  
 Grabau, A. W. *Principles of Stratigraphy*.

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

## Text Books :

- Woods. *Palaeontology (Invertebrate)*. Camb. Nat. Sc. Manuals. 6s.  
 Or,  
 Shimer, H. W. *An Introduction to the Study of Fossils*.  
 Chapman, F. *Australasian Fossils*.

## For reference :—

- Scott, D. H. *The Evolution of Plants*. Home University Library.  
 1s. 3d.  
 Seward, A. C. *Links with the Past in the Plant World*.  
 Dawson, Sir J. W. *The Geological History of Plants*. Internat.  
 Sc. Series. 5s  
 Stopes, M. C. *Ancient Plants*.

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

## Text Books :

- Howchin, W. *The Geology of South Australia*.  
 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.

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

*Practical work*, occupying 6 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 as can be conveniently carried into the field.

NOTE: 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.

Book of reference recommended:

Moses, A. J. and Parsons, C. L. *Elements of mineralogy, crystallography, and blowpipe analysis*. New ed. Van Nostrand.

Fees—Lectures, £1 1/; laboratory work, £1 1/.

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. Problems relating to vulcanism, sedimentation, and metamorphism
2. Classification and systematic description of rocks.

*Practical work*, occupying six hours per week, will include demonstrations in:

1. The petrological microscope and accessory devices for the determination of minerals in thin slices.
2. The identification of the common rock-forming minerals, and systematic examination of the leading rock types by the aid of microscope and thin sections.
3. The identification of rocks in the hand specimens.
4. Each student will be required to prepare and describe six satisfactory thin sections of rocks.

NOTE: Fee for use of Microscope during the course, 10s. 6d.

Book of reference recommended:

Harker, A. *Petrology for students*. Cambridge University Press

Fees—Lectures, £1 1/; laboratory work, £1 1/.

## 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:

Stockbridge, H. E. *Rocks and Soils, their Origin, Composition, and Characteristics*.

Howe, J. A. *The Geology of Building Stones*.

Lindgren, W. *Mineral Deposits*.

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.*  
 Howchin, W. *Geology of South Australia.*  
 Süßmilch. *Geology of New South Wales.*  
 Marshall, P. *Geology of New Zealand.*  
 Or  
 Park, J. *Geology of New Zealand.*

## For Reference :

- Suess. *The Face of the Earth.*

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

*Practical* classes will meet for six hours a week. Instruction will be given in the measurement of crystals with the Fuess universal goniometer, and in projecting and drawing them to scale.

## Text-book :

- Tutton, A. E. H. *Crystallography and Practical Crystal Measurements.*  
 Macmillan.

## K. OPTICAL MINERALOGY.

*Lectures.*—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 of the microscope, to be followed by a detailed discussion of the optical properties of minerals.

*Practical demonstrations* will occupy six hours per week, and consist of experiments illustrating the properties of doubly refracting minerals, and manipulation of special apparatus for use with the microscope.

## Text Book :

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

## L. PETROLOGY.

*Lectures* will be delivered twice per week, beginning after the completion of the course in optical mineralogy, and continuing to the end of the third term. The subject will include a systematic general survey of



rock types, a discussion of some of the more intricate problems in the origin and descent of rocks (igneous, sedimentary and metamorphic), and an extension of the field of descriptive mineralogy touched upon in the Part I. course.

*Practical demonstrations* will occupy six hours per week.

In addition to the stated hours of demonstrations, the student will be required to devote an additional six hours per week throughout the three terms to practical work to amplify the ground covered in the demonstrations.

Text Books :

Iddings, J. P. *Igneous Rocks*. Wiley.

Harker, A. *The Natural History of Igneous Rocks*. Methuen.

Dana, E. S. *A Text Book of Mineralogy*. Wiley.

Fees for Sections A or B. of the Part II course—£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, etc.
- (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, etc.
- VII. Ores due to metamorphic actions. Effects of ascending and descending waters. Metasomatic replacements.
- VIII. Secondary changes in ore deposits. Oxidation. Secondary enrichment of ores. Ore shoots.
- IX. Detrital ores and gems in clastic deposits.

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

Fees—£1 1s.

Text Book recommended:

Thomas and MacAlister. *Geology of Ore Deposits*. Arnold.

For Reference:

Emmons, S. F. *Ore Deposits*.

Beyschlag, Vogt, and Krusch. *The Deposits of the Useful Minerals and Rocks*. (Translated by S. J. Truscott.) 3 vols.

Lindgren, W. *Mineral Deposits*.

Beck, R. *The Nature of Ore Deposits*. (Translated by W. H. Weed.) 2 vols,

Stokes, R. *Mines and Minerals of the British Empire*.

**BOTANY.**

[The attention of students is directed to the rules on p. 183]

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 three lectures a week will be given annually, during the second and third terms, and including the following:

- (a) Outline of structural botany as illustrated by selected cryptogamic types.
- b Elementary anatomy and morphology of flowering plants.  
An introduction to the physiology, ecology and geographical distinction of plants.
- d The principles of classification of flowering plants illustrated by selected natural orders.

Hours of lectures, Monday, Wednesday, at 10 a.m., and Friday at 11 a.m.

II. PRACTICAL WORK for the above course will extend over four hours per week (two periods of two hours) during the second and third terms on Tuesdays and Thursdays at 11 a.m.

Books recommended:

Structural Botany. D. H. Scott. Vols. I and II.

Flora of South Australia. Tate.

Naturalised flora of S.A. J. M. Black.

Practical Botany for Beginners. Bower & Gwynne-Vaughan.

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

Plant Life: J. B. Farmer.

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

Practical work, £4 4s. for the course, or £2 2s. 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 1918 the lectures will deal especially with anatomy and morphology of vascular plants. Plant physiology.

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.
- The Origin of a Land Flora. F. O. Bower.

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 18s. a year, or £6 6s. a term.

#### 65a. Agricultural Botany. Compulsory for students in Agriculture.

A course of lectures and practical work extending over two terms will be given for students taking Agriculture for the B.Sc. degree. There will be two lectures and three hours practical work per week. The course is divided into two parts, which in some cases may be taken by students independently. The course set out under No. 62 must be taken first.

- (1) *Plant Pathology and Mycology* taken in the first term. The more important diseases of plants cultivated in South Australia and their treatment. Outlines of the classification of fungi. The laboratory work will comprise an examination of specimens dealt with in the lectures, and elementary instruction in the preparation of media and growth of fungus organisms.
- (II) *Plant Physiology* given in the second term. The lectures will deal specially with the nutrition of plants and plant breeding. In connection with the lectures a course of experimental work in the laboratory will be arranged.

The course will not be given in 1918.

Text-books: Fungus diseases of Plants. B. M. Duggar (Ginn & Co., N. Y.)  
Plant Physiology. B. M. Duggar (The Macmillan Co.)

Fee for the course, £4 4s. or £2 2s. per term:

### 65b. Forest Botany. Compulsory for students in Forestry.

A course of two lectures and practical work, extending over one term, will be given for those students taking the Forestry course. There will be two lectures and three hours practical work per week. 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 1918.

Fee for the course, £2 2s.

## BIOLOGY AND PHYSIOLOGY.

[The attention of students is directed to the rules on pp. 183 and 185.]

### A

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

This course is intended to provide a general introduction to the elementary facts concerning the structure, life processes, and reproduction of living organisms.

It is divided into two parts, which (except as provided for in Regulation II. of the Degree of B.Sc., paragraph 4) must be taken together.

Candidates must present themselves for both parts at the same examination, and pass in both parts.

Fee for the course, £6 6s

### PART I.—PLANTS.

- (a) The general structure, physiology, and life story of—  
Haematococcus, spirogyra, albugo, saccharomyces, and bacteria.  
The outlines of the reproduction and life cycle of the fern and the pine.
- (b) The structural botany of the dicotyledonous plant, as illustrated by a herbaceous and a woody type.  
The flower of ranunculus, lathyrus, and lilium. Vegetative and sexual reproduction of flowering plants. Pollination, fertilisation, and development of the seed and fruit. Germination of the wheat and bean.
- (c) General outlines of the physiology of nutrition, respiration, secretion, growth, and irritability. Reproduction, heredity, variation, and evolution.
- (d) The phenomena of saprophytism as illustrated by saccharomyces, mucor, and bacteria; parasitism, illustrated by albugo and puccinia. Pathology of the organism.

The lectures will take place on Mondays, Wednesdays, and Fridays, at 5 p.m., during the first term.

The laboratory work will take place on Mondays, Wednesdays, and Friday, at 11 a.m.

Text-books :—

Scott's Structural Botany.

Bower and Gwynne-Vaughan : Practical Botany for Beginners.

For reference :

Text-book of Botany : Strasburger tr. Lang, 1915.

Plant Life : J. B. Farmer.

## PART II.—ANIMALS.

This course will include :

(a) The fundamental facts of animal morphology and physiology, as illustrated by the following types :

Amoeba; vorticella, hydra, freshwater mussel, crayfish, frog.

(b) The histological characters of the blood, epidermal and connective tissues, cartilages, bone, muscle, and nerve in vertebrates.

This part of the course is intended to serve as an introduction to the histology of the human body.

The lectures and demonstrations will take place during the second and third terms, on Mondays, Wednesdays, and Fridays, from 11 a.m.—12.30 p.m., and on Wednesdays and Fridays at 5 p.m.

Text-books :

Practical Biology ; Huxley & Martin.

Elementary Biology ; Parker.

(Such portions of these works as refer to the subject-matter of Part II. of the course).

The Frog—an Introduction to Anatomy and Histology : Milnes Marshall (ed. by F. W. Gamble).

Essentials of Histology ; Schäfer. (In each case the latest edition).

## 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,

Principles of General Physiology, Bayliss.

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 (translated by Mandel)

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, £5 5s.

*Structural and Tectonic Geology*, set out under 55 B.

*Mineralogy*, set out under 55 E.

*Petrography*, set out under 55 F.

*Agricultural and Forest Geology*, provided for in the ordinary curriculum as a section of 56 G.

### 65b. Forest Botany.

This course will be completed in one term, and lectures and practical work will occupy three hours a week. Fees £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 1917.

### 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.

In addition to written examinations there will be a practical examination in the field, which may involve a knowledge of any of the subjects in this syllabus.

The following Instruments will be required: 10 inch slide rule, Abney level, Drawing instruments.

## Books:—

- J. E. Brown's *Tree Culture in South Australia.*  
A. D. Hall, *Chemistry of the Farm.*  
A. D. Hall, *Soils.*  
Gordon, *Pinetum.* Henry G. Böhn.  
Baron von Mueller, *Eucalyptographia.*  
Baron von Mueller *Select Extra-Tropical Plants.*  
J. H. Maiden, *Useful Native Plants of Australia.*  
Sir William Schlich, *Manual of Forestry.* Bradbury, Agnew & Co., Ltd.  
Howard Weiss, *Preservation of Structural Timber.* McGraw, Hill Coy., N.Y.  
L. H. Bailey, *The Nursery Book.* MacMillan, London.  
D. E. Hutchins, *A Discussion of Australian Forestry.* Western Australian Government.

## 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 motions. Slider crank chain. Displacement, velocity and acceleration of crosshead. Analytical and graphical methods. Inversion of the chain.

Double slider crank chains. Inversions.

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

Alterations of mechanisms, change and dead points.

Wheel gearing, simple and compound. Epicyclic gearing.

Cams. Forms for various purposes. Velocity ratio.

Lobed wheels. Roots' blower.

Spheric motion. Hooke's joint.

TEXT BOOK.—“Kinematics of Machines”—Durley.

### 74. Applied Mechanics (iii).

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.*

**75. Assaying (i).**

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

**76. Assaying (ii).**

## METALLURGY COURSE.

The course will consist of the following estimations:—Copper, iron, lime, manganese, and zinc in ores, slags, etc. Assay of gold and silver bullion by dry methods. Assay of gold and silver bullion by Gay Lussac's sodium chloride method and Volhard's thiocyanate method. Arsenic in various materials. Phosphorus in manures, phosphate rock, and basic slag. Antimony and chromium in ores and alloys. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and 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. Characteristic curves of dynamos. Brake test of D.C. motor. Tracing A.C. curves by point to point method. Test of transformer and rotary converter. Brake test of induction motor.

**85. Electrical Engineering.**

## FELLOWSHIP II.

Fuller consideration will in this course be given to the details of the more theoretical work, especially in its application to the design and use of electrical machinery and apparatus. The work covered in previous year will be revised in much greater detail, and at the same time extended.

## Text-books :—

Dynamo Electric Machinery, Vols. I. and II.—Sheldon & Hausmann.  
Practical Testing of Dynamos and Motors—C. F. Smith.  
Alternating Currents.—Lamb.  
Practical Alternating Currents, and Alternating Current Testing.—C. F. Smith.  
Alternating Current Motors.—McAllister.

## Reference Books.—

Dynamo Electric Machinery—  
 I. Continuous Current } S. P. Thompson.  
 II. Alternating Current }

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

## LECTURES.

The lectures will be mainly devoted to the following :

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

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

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

## PRACTICAL WORK.

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

Efficiency of motors, brake tests, etc.

Characteristics of alternators, single and polyphase, point to point determination of waves of E.M.F. and current, power factor, measurement of power, combinations of resistance, capacity, and inductance. Choking coils, transformer characteristics and determination of losses and efficiency by different methods, testing of synchronous and induction motors and rotary converters, 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-book :

E. H. Sprague—*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 cottered joints. Bearings and hangers. Roller and ball bearings. Toothed gearing. Friction gearing. Belt and rope gearing. Chains and crane hooks. Springs. Engine parts. Pistons, piston rods, crossheads, guides, connecting rods, eccentrics.

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

Text-book : "Machine Design." Spooner.

### **91. Machine Design (ii).**

The design of an engine, of which complete working drawings are to be made.

### **92. Machine Design (iii).**

Design work in connection with Mechanical Engineering, IV.

### **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 Willcox, 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), 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, steam turbine, suction gas engine, oil engine, and petrol engine.

Gas, oil and petrol engine—

Measurement of fuel, indicated and brake horse-power.

Measurement of calorific value of fuel, working out results.

Boiler, steam engine, and steam turbine—

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

Calibration of instruments.

Analysis of flue gases.

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. Separation. 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.

SLAGS AND FLUXES—REFRACTORY MATERIALS—FURNACES—BLOWING ENGINES AND BLOWERS.

**FUEL.**—Compressed and dried fuels. Charcoal burning. Preparation of coke. Coke ovens.

#### IRON AND STEEL.

**IRON.**—Chemical reactions of reduction of iron from its ores. Construction of modern blast furnaces. 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. Production of "puddled bar." Merchant iron, rolls used. Re-heating furnace.

**STEEL.**—Hardening, tempering, and annealing. Cementation process. Furnaces and materials used. Blister steel and shear steel. Crucible cast steel. The Bessemer Process.—Acid and basic process. Products. The Open-hearth Process.—Furnaces, acid and basic linings. Products.

#### GOLD, SILVER, COPPER, LEAD, ZINC, TIN, MERCURY.

**GOLD.**—Stamp Milling.—The chlorination process. The Cyanide process. Treatment of sands and slimes. Filter-pressing. Precipitation. Refining and parting gold bullion. Parting by sulphuric acid. Miller's chlorine process.

**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.**—Reactions of lead smelting. Flintshire process. Smelting in blast furnaces. Roasting lead ores. Extraction of silver from lead. Furnaces and appliances. Nature and treatment of products. Pattinson's process. Parke's process. Cupellation. Alloys of lead.

**COPPER.**—"Dry," "tough" and "overpoled" copper. The chemistry of copper smelting and refining. Calcination in heaps, stalls, and simple furnaces. Smelting in reverberatory furnaces. The Welsh process. Slags and their treatment. Smelting in blast furnaces. Outlines of the process. Copper refining in reverberatory furnaces. Copper alloys.

**ZINC.**—Methods of extracting zinc. Furnaces, retorts, and condensers used. Preparation of ores. Belgian process. Silesian process. Zinc alloys.

**TIN.**—Principles of tin smelting. Cornish method of smelting. Products. Refining tin. Liquefaction. Boiling. "Tossing." Alloys of tin.

**MERCURY.**—Old Almaden Aludel furnace. Amalgams—Mercury and silver; gold; copper.

### 98. Metallurgy (i).—Practical.

Determination of coke, volatile matter, ash, moisture, and sulphur in coal. Calorific power of fuels. Testing of refractory materials. Treatment of gold ores by amalgamation, etc. Treatment of gold ores by the cyanide process. Determination of the soluble acidity of an ore and the latent acidity of an ore. The consumption of cyanide during treatment and the total extraction of the gold. Assay of the cyanide solution resulting from the treatment of the ore for gold.

The treatment of pyritic gold ores by the chlorination process.

Chloridising roasting of ores containing copper.

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. Sulphatising metallic silver by ferrous sulphate and by cupric sulphate.

Preparation of pure silver. Preparation of pure gold. Assay of gold and silver bullion.

## 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-jacketed furnaces—working and products. Machines for producing the blast. Pyritic smelting. Bessemerising of copper mattes. The Best-selecting process. Kernel roasting. Combined blast, converter, and reverberatory methods practised in modern plants. 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. 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.

### METALLURGY 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 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. "Haveyising" 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.

**OTHER METALS.**—Outlines of the metallurgy of the following metals:—Mercury, Aluminium, Nickel, Cobalt, Platinum, Antimony, Arsenic, 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 (ia).

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—Ihlseng and Wilson, *A Manual of Mining*; Hoover, *Principles of Mining*.

### 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. (Ib) (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: R. H. 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*.

Tratman: *Railway Track and Track Work*.

Students will be expected to read various papers, to which they will be referred in the course of lectures, in the Proceedings of Engineering Societies.



### 106. Surveying and Levelling.

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.

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.

#### 1. LAW OF PROPERTY (Part I.)—(110).

- (a) Principles of the Law of Real and Personal Property.  
 (b) Statutes : Nos. 8 of 1841 (Registration of Deeds); 15 of 1843; 25 of 1852; 5 of 1853, sections 163-165, 184-185; 6 of 1860; Settled Estates Acts, 1880 and 1889; Partition Act, 1881; Estates Tail Act, 1881; Real Property Act, 1886.  
 (c) Reports of cases specially prescribed in Lectures.

#### Text Books :—

Edwards' Law of Property in Land and Conveyancing (omitting Part II., Chaps. 2 and 4; Part III., Chaps. 5, 6, 7, and 9; Part IV., Chaps. 2, 3, 4, and 5; and Part V.).

Williams' Personal Property (omitting Part I., Chap. 4; Part II. with the exception of Chap. 7; Part III., Chap. 5; and Part IV.).

#### Book of Reference :—

Goodeve's Law of Real Property.

#### 2. LAW OF PROPERTY (Part II.)—(111).

- (a) The following special subjects : Terms of years, Mortgages, Title, The Modern Conveyance, Trusts, Bills of Sale, Administration of Deceased Persons' Estates, Married Women's Property, Insolvency, and Companies.  
 (b) The following Statutes :—  
 The Distress for Rent Act, 1888.  
 The Landlord and Tenant Act, 1893 (No. 580).  
 The Trustee Acts, 1893 and 1907.  
 The Administration and Probate Acts, 1891 and 1904.  
 The Real Property Act, 1886.  
 The Bills of Sale Act, 1886, and No. 4 of 1855-6.  
 The Married Women's Property Acts, 1883-4, 1898, and 1902, so far as they relate to property.  
 The Insolvent Act, 1886.  
 Act No. 7 of 1862, Part, II.  
 Act No. 8 of 1841 (Registration of Deeds).  
 The Companies Acts, 1892, 1893.  
 The Policies Protection Act, 1887.  
 (c) The reports of cases specially prescribed in lectures.

#### Text-books :—

Williams' Real Property Williams' Personal Property Strahan and Kenrick—Digest of Equity	}	The parts relating to the special subjects.
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## 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, 1833-4, 1898, 1902 (so far as they relate to Contracts)
  - Bills of Exchange Act, 1909 (Fed.)
  - Sea Carriage of Goods Act, 1901 (Fed.)
  - Limitation of Suits and Actions Act, 1866-7 (so far as 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, Forceful 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  
 ( ) 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 1919.

- (a) The historical development of Roman Law  
 (b) The Roman Law under Justinian  
 (c) The Law of Obligations.

## Text-books :

- Hunter's Introduction to Roman Law.  
 Moyle's Imperatoris Justiniani Institutiones, Liber III., 13-29;  
 Liber IV. 1-5.  
 Sohm's Institutes of Roman Law, omitting Book II., 2 (Law of Procedure) and Book III. (Family Law and the Law of Inheritance).

## Books of reference :

Hunter's Roman Law.

**4. THEORY OF LAW AND LEGISLATION—(117).**

The course of lectures is given every second year, and is completed in one year. It will be given in 1919.

## 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 1918.

## 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.

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*Students are expected to procure the latest edition of  
 all text-books prescribed.*  
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### 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 :

Text Book of Anatomy : Cunningham ; or  
 Anatomy, Descriptive and Surgical : Gray.

##### *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 ; or  
 Practical Anatomy : Berry.

#### 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/.

Subjects Nos. 51 and 52—vide pages 205 and 206.

### Physical Chemistry.

Fee for the course, £1 1/.

Elementary Physical Chemistry : being the first term's lectures only of Theoretical Chemistry, Part I. of the B.Sc. Course (46).

Text-book :

Introduction to Physical Chemistry : Walker.

## SECOND YEAR.

### 121. Anatomy.

Fee for the Course, £8 8s.

#### *I. Descriptive Anatomy.*

This course includes the subjects prescribed for the First Year, and in addition :

Description of the vascular and nervous systems, organs of special sense and other viscera.

Text-books recommended, the same as for the first year.

#### *II. Practical Anatomy.*

Daily attendance in the Dissecting Room from 9 to 5, except at lecture hours and on Saturday afternoons.

Text-books recommended :

Those set out for the First Year.

### 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. (1915 ed.)

**Practical Pharmacy.**

Instruction during a period of three months by some person approved by the Council.

## THIRD YEAR.

**123. Principles and Practice of Medicine.**

Fee for the Course, £6 6s.

General and Special Diseases.

Text-book recommended :

Principles and Practice of Medicine : W. Osler.

**124. Lectures on Clinical Medicine—Clerkship.**

Fee for the Course, £2 2s.

**125. Principles and Practice of Surgery.**

Fee for the Course, £5 5s.

General and Special Diseases and Injuries.

Text-books recommended :

A Manual of Surgery : Rose and Carless. (8th edition).

A System of Surgery : Treves, and

The Operations of Surgery : Jacobson, may also be consulted.

The instruction in Practical Surgery will include—

The application of splints, bandages, etc.

Text-books recommended :

A Surgical Handbook : Caird &amp; 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 :

Treves &amp; Keith, Surgical Applied Anatomy.

Regional and Surgical Anatomy : Berry.

Land Marks and Surface Markings of the Human Body : L. B. Rawling.  
5th ed. Lewis, 1912.



## Book of reference :

A Handbook of Anatomy for Art Students : Arthur Thomson, (Clar. pr.).  
Anatomy, Descriptive and Surgical : H. Gray.

**128. 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 hyper-  
aemia, dropsy, haemorrhage, embolism, and thrombosis.
4. Animal parasites in man.
5. Lectures on special pathology, including the more important  
morbid conditions that may affect the principal organs and  
tissues.

## Text-books recommended :

Green's Morbid Anatomy, ed. Bosanquet.  
Beattie & Dixson's Pathology—1. General, 2. Special.

## II. PRACTICAL WORK.

**THIRD YEAR.**

## A. CLINICAL AND MICROSCOPIC PATHOLOGY.

Practical classes will be held at the Laboratory each Wednesday, from  
2 to 4 p.m. All third year students are to attend.

This course will consist of the examination of

- I. Fluids of the body—  
Urine, blood, gastric contents, cerebro-spinal fluids ;  
Morbid exudates—pleural, peritoneal, etc.
- II. Tissues—
  1. General—
    - A. Degeneration and necrosis.
    - B. Inflammation — acute, suppurative, chronic,  
syphilis, tubercle.
    - C. New growth—
      - a. Malignant—carcinoma (epithelioma,  
etc.), sarcoma.
      - b. Benign—papilloma, lipoma, fibroma,  
etc.
  2. Special tissues—  
Renal, uterine (including scrapings), hepatic, car-  
diac, 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 Bail-  
lière, 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, 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.**

Fee for the Course, £5 5s.

Lectures on the Principles and Practice of Surgery.

**133. Lectures on Clinical Surgery.—Dressership.**

Fee for the Course, £2 2s.

**134. Obstetrics.**

Fee for the Course, £3 3s.

Text-book recommended :

Manual of Midwifery : Eden.

**135. Forensic Medicine.**

Fee for the Course, £2 16s.

The Coroner's Court, Magistrate's Court, Local Court, and Supreme Court. Medical evidence in general, and as bearing upon cases that may form the subject of a Coroner's inquest, civil action, or criminal trial.

Dying declarations. Medico-legal inspections and post-mortem examinations. Age in its medico-legal aspects.

The signs of death. Identification of the living and of the dead subject and of human remains. Modes of dying and sudden death.

The detection of bloodstains.

Wounds and personal injuries. The law concerning wounds. Distinguishing features of wounds inflicted during life. Homicidal, suicidal and accidental wounds.

Professional responsibilities and obligations.

Burns and scalds. Injuries from lightning. Starvation. Heat-stroke.

Asphyxia, including death from drowning, hanging, strangulation, and suffocation.

The medico-legal aspects of sex and sexual relationships. Medico-legal aspects of pregnancy. Criminal abortion. Infanticide. Legitimacy.

**TOXICOLOGY.**—The law on poisons. Condition affecting the action of poisons. The principal poisons, their nature and mode of action, symptomatology and treatment.

Text-books recommended :

Forensic Medicine and Toxicology : Buchanan (8th ed.), or

Manual of Medical Jurisprudence and Toxicology : W. G. Aitchison Robertson (3rd ed.).

Books of reference :

Forensic Medicine : Dixon Mann (5th ed.).

Medical Jurisprudence and Toxicology : Glaister (3rd ed.).

**136. Psychological Medicine.**

Fee for the course, £1 8s.

Mental physiology and its relation to mental disease.

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

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

Certification of mental defectives :

(a) Mental examination of patient.

(b) Method of recording facts indicating insanity.

(c) Procedure under Mental Defectives Act, 1913.

Text-books recommended :

W. H. B. Stoddart : Mind and its Disorders.

Maurice Craig : Psychological Medicine.

**137. Pathology.**

Fee for the course, £3 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.

**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 :

Hale White : *Materia Medica*. (1915 ed.)

For reference :

Sir Lauder Brunton : *Action of Medicine*.

Hare : *Therapeutics*.

Sainsbury : *Principia Therapeutica*.

**141. Gynaecology.**

Fee for the Course, £3 3s.

Diseases of the female organs of generation.

Text-book recommended :

Crossen : *Diseases of Women*.

Dudley : *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 : Hunter Tod.

The following work may also be consulted :

Text-book of Diseases of the Ear : Politzer.

**144. Operative Surgery.**

Fee for the Course, £4 4s.

Operations on the dead body.

Text-book recommended :

Manual of Operative Surgery : H. J. Waring.

Alternative :—

Operative Surgery : Binnie. 6th ed. 1914. P. Blakiston, Son & Co. Philadelphia.

**145. Diseases of Children.**

Fee for the Course, £2 2s.

Text-books recommended :

Medical Diseases of Infancy and Childhood : Dawson Williams.

Surgical Diseases of Children : E. Kirmisson (tr. J. Keogh Murphy).

Lectures on Diseases of Children : Hutchison.

**146. Elements of Hygiene.**

*Air*—Composition—impurities and contaminations. Ventilation (natural and artificial)—warming. *Water*—Sources—composition—impurities and contaminations—amount—collection, storage and distribution—purification—interpretation of results of microscopical, chemical, and bacteriological examination. *Soil*—Temperature, moisture, ground-air—composition—contaminations and disease—nitrification. *Buildings*—materials, construction, situation and orientation—accessories and sur-

roundings—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—Military and Naval hygiene. *Vital statistics*—Population, births, deaths, and diseases. *Sanitary law*—The Health, Vaccination, Food and Drugs Acts and Regulations in force in South Australia, and the Commonwealth Quarantine Act and Regulations.

Text-book recommended :

Hygiene and Public Health : by Whitelegge & Newman. (Cassell.)

The following works may also be consulted :—

Preventive Medicine and Hygiene : M. J. Rosenau. (Appleton & Co.)

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 harmony combinations usual in part writing of not more than four parts.

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

#### 152. COUNTERPOINT.

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

Text-books recommended:

A Course of Harmony (Bridge and Sawyer).

The Art of Counterpoint (Kitson).

#### 153. HISTORY OF MUSIC.

A general knowledge of the character of the various forms of music composed between the years 1600 and 1850.

Text-books recommended:

Parry's "Summary of Musical History" (Novello).

Parry's "The Evolution of the Art of Music."

#### 154. PIANOFORTE PLAYING.

List of pieces to be played by first year students.

(a) Scales. Any major, minor or chromatic scale with each hand separately and both hands together an octave apart

(b) Arpeggios. The arpeggios of all major and minor common chords and their inversions, with each hand separately and both hands an octave apart

(c) Bach. Any three movements from the "French Suites."

(d) Beethoven. Sonata in G major (Op. 14, No. 2). 1st and 2nd movements.

(e) Reading at sight.

To qualify in ear tests:

Candidates will be required to state the name or names of an interval or intervals within the limits of a major ninth played on the pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

Candidates will also be required to identify the following chords when played upon the pianoforte or organ:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh.

**155. ORGAN PLAYING.**

List of pieces to be played by first year students.

- (a) Scales. Any major, minor or chromatic scale with hands alone or with feet alone and with hands and feet together
- (b) Arpeggios. The arpeggios of all major and minor common chords in all positions with hands alone or feet alone and with hands and feet together
- (c) Stainer's Organ Primer (Novello) Nos. 88 and 93
- (d) J. S. Bach. Prelude and Fugue in F major No. 4 of "Acht Kleine Praeludien und Fugen"
- (e) Playing at sight.

To qualify in ear tests:

Candidates will be required to state the name or names of an interval or intervals within the limits of a major ninth played on the organ, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

Candidates will also be required to identify the following chords when played upon the pianoforte or organ:—Major and minor common chords and their inversions, the chord of the dominant seventh and its inversions, the chord of the diminished seventh.

### SECOND YEAR'S COURSE.

**156. HARMONY.**

Part writing in not more than five parts:  
Harmonization of basses (figured and unfigured) and of melodies.

**157. COUNTERPOINT.**

Simple and Combined. All species in not more than four parts

- 158.** { DOUBLE COUNTERPOINT at the octave, tenth and twelfth.  
CANON in two parts.  
FUGUE in not more than four parts.

Note.—In the examination candidates may be required to write original composition of an elementary character.

**159. HISTORY AND LITERATURE OF MUSIC, FORM AND ANALYSIS.**

History of the scale, of counterpoint, harmony, and of form in composition.

Text-books recommended:

- Prout's "Harmony."
- Kitson's "The Art of Counterpoint."
- Prout's "Double Counterpoint and Canon."
- Higgs' "Fugue."

Works of reference recommended:

- Ellis's translation of Helmholtz's "Die Lehre von den Tonempfindungen"; Prout's "Musical Form"; Parry's Articles:—"Harmony" and "Form" in Grove's Dictionary of Music.



**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 1918 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*—Kreutzer, Nos. 3 and 17.

*Pieces* — Beethoven, Romance in F.

Rode, Air, Varie in G.

**164. VIOLONCELLO PLAYING.—**

*Studies*—Dotzauer, Op. 120, Nos. 13 and 16.

*Pieces* — Goltermann, Concertstück, Op. 65.

Romberg, Concertino, Op. 51.

## THIRD YEAR'S COURSE.

**165.** PRACTICAL HARMONY AND COUNTERPOINT, each in not more than five parts.

**166.** { DOUBLE COUNTERPOINT.  
 { CANON, in not more than three parts.  
 { FUGUE in not more than five parts.

**167.** { MUSICAL HISTORY AND FORM.  
 { The various forms employed in musical composition and the history of their development.  
 { INSTRUMENTATION.

A knowledge of the compass, capabilities and characteristics of the various instruments employed in a modern orchestra, singly and in combination with one another.

Arranging for full orchestra.

Note.—Candidates may be required to write original composition in the examination in working papers in the above-named subjects.

**168.** MUSICAL LITERATURE.

Candidates may be required to illustrate their answers in the foregoing subjects by reference to the standard classical compositions and to show a critical knowledge of the full scores of the following classical works:—

Hamish MacCunn—Concert Overture, "The Land of the Mountain and the Flood."

Mendelssohn—"Hymn of Praise."

Books of reference recommended:

Prout's "Fugue."

Prout's "Applied Forms."

Prout's "The Orchestra."

Berlioz's "Instrumentation."

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

### Final Examination for Executants.

#### PIANOFORTE.

Each candidate will be required to play six works selected by himself, which must include a Prelude and Fugue of Bach, a Sonata of Beethoven, a Study either by Clementi or Chopin, and a Chamber Music work for Pianoforte and Strings. The works selected by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

*Further:* Each candidate will be required to show an intimate knowledge of Classical and Modern Pianoforte Music, extending over a wide range, details of which may be obtained from the Registrar. Any selection made by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

#### SINGING.

Each candidate will be required to sing six works selected by himself, which must include two Oratorio Solos, each with a recitative, and two Operatic

Solos ; the candidate must show his ability to sing intelligently in two foreign languages. The works selected by the candidate must be submitted to the Elder Professor of Music for his approval two months before the examination.

*Further* : Each candidate will be required to show a general knowledge of standard solo vocal music (including that of oratorios and operas) irrespective of the character of his voice, but a special knowledge will be required of a selection made by the candidate from the works written for his own voice ; such selection must be submitted to the Elder Professor of Music for his approval two months before the examination.

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## DIPLOMA IN COMMERCE.

The University has instituted a Diploma in Commerce in place of the Advanced Commercial Certificate. The following *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 261 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.

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## 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.

\* Allowed 1st April, 1908.

\* 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.

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

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

	For Lectures	For an Ordinary Examination.	
		s.	d.
1. Business Practice .. ...	£1 11 6	...	5 0
2. Accountancy .. ...	4 4 0	...	10 0
3. Commercial Law .. ...	2 2 0	...	5 0
4. Economics and Commercial History	2 12 6	...	10 0
5. Banking and Exchange .. ...	1 11 6	...	5 0
6. Geography and Technology .. ...	1 11 6	...	5 0
Fee for the Diploma .. ...	1 1 0		

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

V. Schedules defining, as far as may be necessary, the range of study, lectures, and other work and examinations, shall be drawn up by the Council, and published not later than January in each year.

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

\* Allowed 9th January, 1913.

† Allowed 1st April, 1908.

‡ Allowed 21st December, 1910.

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 12th December, 1907.*

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

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## DIPLOMA IN COMMERCE.

### 1. BUSINESS PRACTICE.

Lecturer—MR. ROBERT M. STEELE, A.C.U.A.

The Course, consisting of about 30 lectures, is given every other year, and completed in one year; it will be given in 1919.

Fee, 10s. 6d. per term.

It deals with :

Office and staff organization.

Method of conducting different meetings and the procedure followed at same.

The functions of Chambers of Commerce, Chambers of Manufacture, and certain Government Departments, their use and assistance to the commercial community.

The principles and practices of different businesses; methods of sale.

Combination and amalgamation.

Definitions and use of mercantile documents, forms, terms and phrases. Explanations of customary clauses in various contracts.

Insurance, arbitration, taxation.

Duties and responsibilities of Directors, Managers, Secretaries, and Executors.

Procedure under the Local Courts Act.

## 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. S. RUSSELL BOOTH, B.A. (Camb.)

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 commence in 1918.

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.*

A. E. Barton : *Australasian Advanced Accountancy.*

The second year of the course includes the subject of Auditing, in which the instruction includes notes on the duties, responsibilities, and qualifications of auditors, programmes of audit of various classes of businesses, the treatment of general and special points arising in different audits, definitions of auditing, etc., and the auditing criticism of defective or erroneous balance sheets on examples.

## Text-books recommended :

L. Dicksee : *Auditing*.  
 Cutforths : *Audits*.  
 Evans, W. E. : *Student's Auditing*.  
 Spicer & Pegler : *Practical Auditing*.

## 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 1919.

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—MR. H. HEATON, M.A., M.Com., and MR. HAM.

The course in Economics consists of about 50 lectures, extends over five terms, and begins every other year. It will begin with the second term in 1919.

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.

## Second Year :—

Clive Day, *History of Commerce*.  
 Marshall, *Economics of Industry*; or Clay, *Economics*.  
 Hobson, *The Evolution of Modern Capitalism* (new edition).  
 Buxton, *The Arguments on either side of the Fiscal Question*.  
*Official Year Book of the Commonwealth*, No. 9 (1916).  
 Plehn, *Public Finance*.

## For Private Study—

Brown, *Underlying Principles of Modern Legislation*.

## 5. BANKING AND EXCHANGE.

Lecturers—MR. H. HEATON, M.A., M.Com., and 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 1918. Fee, 10s. 6d. per term. It will deal with the following, *inter alia* :



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

#### TEXT-BOOKS.

Sykes: *Banking and Currency*.

Barker: *Cash and Credit* (Camb. Univ. Manuals).

Barker: *The Theory of Money* (Camb. Univ. Manuals).

The Commonwealth *Coinage Act* (No. 6 of 1909).

The Commonwealth *Bills of Exchange Act* (No. 27 of 1909).

The Commonwealth *Australian Notes Acts* (Nos. 11 of 1910 and 21 of 1911).

#### 6. COMMERCIAL GEOGRAPHY.

Lecturer—MR. R. J. M. CLUCAS, B. A.

This course consists of about 30 lectures, is given every other year, and is completed in one year. It will be given in 1913.

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 certain countries entering into commercial relations with Australia.

(c) PRACTICAL WORK. The main principles of statistics, and the plotting out and explanation of statistical tables. Sketch-maps illustrating the geographical facts of the course, especially in connection with the distribution of materials of commerce. Bibliography of technical and official publications, and practice in using them. Essays on set topics.

(d) TEXT-BOOKS.

Taylor, G. *Australia in its physiographic and economic aspects.*  
*Clar. Pr.* 3s. 6d.

*Official year book of the Commonwealth of Australia.* Latest edition. 3s. 6d.

Curr, A. L. *Commercial geography: an intermediate text-book.*  
*Blackie.* 3s. 6d.

### TIME TABLES.

1. The following are the courses of lectures for the next few years:—

1918—Accountancy I., Economics II., Commercial Geography  
Banking.

1919—Business Practice, Accountancy II., Commercial Law,  
Economics I.

1920—Same as in 1918.

1921—Same as in 1919.

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 1917:

1917—Business Practice, Commercial Law.

1918—Accountancy I., Banking (or Geography).

1919—Accountancy II., Economics I.

1920—Economics II., Geography (or Banking).

(b) If they begin in 1918:

1918—Accountancy I., Banking (or Geography).

1919—Accountancy II., Economics I.

1920—Economics II., Geography (or Banking).

1921—Business Practice, Commercial Law.

(c) If they begin in 1919:

1919—Business Practice, Commercial Law.

1920—Accountancy I., Banking (or Geography).

1921—Accountancy II., Economics I.

1922—Economics II., Geography (or Banking).

**NOTE.—The examination papers are published with the degree papers in a separate volume.**

## TIME-TABLE OF LECTURES FOR 1918.

(First Term begins 12th March and Lectures on 18th March.)

- 
1. Business Practice ... .. No lectures in 1918.
  2. Accountancy (First Year) ... Thursdays : 7.15 p.m.
  3. Commercial Law ... .. No lectures in 1918.
  4. Economics (Second Year) ... Tuesdays : 6.45 p.m.
  5. Banking and Exchange ... Wednesdays : 6.45 p.m.
  6. Commercial Geography ... Wednesdays : 8 p.m.

**(This Time-table is subject to alteration.)**

## UNIVERSITY TUTORIAL CLASSES.

The University Tutorial Classes, which were first established by the University in 1917, provide facilities in University education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. A tutorial class covers a three years' period of study, with 24 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to write fortnightly essays on subjects prescribed by the tutor. They are also expected to give a pledge that they will attend regularly throughout the full course, unless prevented by ill-health, overtime, absence from the State, or other unavoidable cause. Each class is preceded by a preparatory course of 12 lectures, and if at the end of this preparatory stage, 24 students are willing to undertake a full tutorial course, the committee sanctions the conversion of the preparatory into a tutorial class. A library is provided for each class by the Joint Committee. The students pay a fee of 5/- per class, per annum.

The following classes will recommence the studies in March or April, 1918 :—

Subject.	Time and Place of Meeting.	Year.	Tutor.
Economics I. ...	University, Tuesday, 8 p.m.	2nd	} Mr. H. Heaton, M.A., M.Com.
Economics II. ...	Trades Hall, Wednesday, 3 p.m.	2nd	
English Literature ...	University, Wednesday, 8 p.m.	2nd	Professor Darnley Naylor
Psychology ...	University, Monday, 8 p.m.	1st (con.)	Miss E. Jackson, M.A.
Modern State ...	University, Thursday, 8 p.m.	1st (con.)	Mr. H. Heaton, M.A., M.Com.

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

## EVENING CLASSES.

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

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

The Education Department has established Studentships for the encouragement of such students (for details see Evening Studentships, p. 291), 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.

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## RULES FOR THE UNIVERSITY LIBRARY.

### I. OPENING AND CLOSING OF THE LIBRARY.

1. The Library shall be open on Week Days from 9 a.m. to 5 p.m., except on Saturdays, when it shall be open from 9 a.m. to 1 p.m.

2. The Library shall be closed on Sundays, on Public Holidays, and on such other days, and at such other times, as the Council may direct, previous notice of such closing being given.

### II. PERSONS ENTITLED TO ADMISSION FOR READING PURPOSES.

1. The following persons shall be entitled to use the Library for reading purposes:—

- (1). Past and Present Members of the University Council.
- (2). Officers of the University
- (3). Graduates of the University, including those who have been admitted *ad eundem gradum*.
- (4). Students attending lectures at the University, subject to the Rules in Section III.
- (5). Other persons, subject to the Rules in Section IV.

### III. RULES FOR THE ADMISSION OF STUDENTS WHO ARE NOT GRADUATES.

1. Any student wishing to make use of the Library shall apply to the Librarian for a ticket, entitling the holder to admission to the Library for one year.

2. Such ticket can be either cancelled or temporarily withdrawn at any time by the Library Committee if the holder shall have been guilty of improper conduct in the Library.

### IV. RULES FOR THE ADMISSION OF OTHER PERSONS.

1. Persons, other than those already specified, who are desirous of using the Library for purposes of study may, on application to the Council, receive a ticket entitling them to the use of the Library for a fixed period of time.

Any Member of the Library Committee may grant admission to the Library until next meeting of the Council.

### V. PERSONS ENTITLED TO BORROW BOOKS FROM THE LIBRARY.

The following persons shall be entitled to borrow books from the Library :—

- (1). Members of the Council.
- (2). Officers of the University.

### VI. RULES FOR BORROWING BOOKS.

1. Any book can be borrowed from the Library with the exception of those classed as works of reference and such others as may be set apart. In all such cases special leave must be obtained from the Council before the book can be borrowed.

2. The title of any book borrowed, and the date of borrowing, must be entered at the time by the officer in charge, in a book provided for the purpose.

3. Books borrowed must be returned within one month of the date of issue, and all books must be returned before the day appointed for cleaning and examining the Library.

4. Those infringing Rule 3 shall be fined a shilling a volume for the books which they have failed to return, after being warned by the Librarian.

5. The borrower shall restore the volume in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received in his keeping.

## VII. RULES FOR THE CONDUCT OF READERS IN THE LIBRARY.

1. The use of pens and ink in the Library is strictly prohibited except at tables set apart for the purpose.
2. Readers who are not entitled to borrow books are strictly forbidden to remove them from the Library.
3. Readers, other than Members of the Council and Officers of the University, must, after consulting books, leave them on one of the tables, and not restore them to the shelves.
4. Readers causing any damage in the Library, or behaving in such a way as to interfere with the comfort of other readers, shall incur the penalty of a fine, the amount to be fixed by the Board of Discipline, or may be excluded from the Library by the Librarian or officer in attendance, and may be further deprived of the use of the Library for such term as the Council may determine.

*Made by Council 15th December, 1899.*

## VIII. RULES FOR CONSERVATORIUM LIBRARY.

1. The Rules of the University Library are to apply to the Conservatorium Library, except with regard to borrowing.
2. Students may borrow copies of music or books (except those mentioned in Rule 10) on the written recommendation of a teacher of the Conservatorium.
3. Students must return copies of music or books within a fortnight of the date of issue, but such students have the right of renewal at the end of that time, provided no other application has been received.
4. No student is to have possession of more than two copies of music or two books.
5. Teachers can borrow any copies of music or books, except those mentioned in Rule 10.
6. Teachers must return copies of music or books within a month of the date of issue, but such teachers have the right of renewal at the end of that time, provided no other application has been received *from a teacher*.
7. Those infringing Rule 3 or 6 shall be fined a shilling per volume for the copies of music or books they have failed to return after having been warned by the Librarian.

8. The borrower shall restore the copy of music or book in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received while in his keeping.

9. The title of the book borrowed, the name of the borrower, and the dates of borrowing and return shall be entered at the time by the officer in charge in a book provided for the purpose.

10. Books classed as works of reference may not be borrowed by the students; they may be borrowed by teachers, but special leave must first be obtained from the Council.

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## RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI.

Whereas it is desirable that the University shall commemorate any of its alumni who shall have achieved marked distinction, it is hereby resolved that :—

- I. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this University, who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

- II. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

- III. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement



of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

- IV. The Council shall compile and keep a record of the Academic and extra University career of each alumnus.
- V. Private persons also may, in modes and upon grounds approved by the Council, (by an absolute majority), and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

- VI. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

*Concurred in by Senate, 22nd August, 1900.*

ALUMNI COMMEMORATED :

Hopkins, William Fleming, B. A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

AFFILIATION TO THE UNIVERSITIES OF  
CAMBRIDGE AND OXFORD.

The application made to the University of Cambridge to confer on Students from the University of Adelaide the same privileges as are conferred on Students from Colleges affiliated to the University of Cambridge has been granted, and the following Clause has been added to the Regulations of that University relating to the affiliation of the University of Adelaide :—

“That Matriculated Students of the University of Adelaide who have completed therein two academical years of study and have passed the First and Second Annual Examinations for the Degree of Bachelor of Arts, Science, Laws, or Medicine, be entitled to be admitted to the privileges of affiliation, provided that in some one or more of the Examinations (other than the Junior Public Examination) held by that University they have satisfied the Examiners in Latin, one other language not being English, Elementary Pure Mathematics, and Elementary Applied Mathematics.”

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

The University is also affiliated to the University of Oxford. For information in regard to the privileges thus conferred, students must refer to the Statute “On Colonial and Indian Universities,” in the volume entitled *Statuta Universitatis Oxoniensis* which may be consulted on application to the Registrar.

OXFORD.

ADELAIDE, UNIVERSITY OF.

[1]

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

[2]

That any member of the University of Adelaide who shall either (a) have passed the examination at that University for the Degree of Master of Arts, or (b) have passed the Final Examination at that University for the Degree of Bachelor of Laws, having also graduated in Arts, shall be deemed to have taken Honours as required by the provisions of *Statt. Tit. II. Sect. VIII. cl. 5.* *February 2, 1915.*

[3]

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

## RECOGNITION OF UNIVERSITY BY TRINITY COLLEGE, DUBLIN.

### ARTS.

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

### MEDICINE.

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

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

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## RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON.

The Institution of Civil Engineers has decided to exempt candidates for a studentship of that Institution from the Preliminary examination otherwise required, provided that the following examination is passed at the Adelaide University:

English Literature, Arithmetic and Algebra, Geometry, Trigonometry (all at the Senior Public Examination), Geography (at the Junior or Senior Public Examination).

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

Physics, Chemistry, Latin, Greek, French, German (all at the Senior Public Examination).

To obtain this exemption all these subjects must be passed at the one examination.

The Institution has also decided to exempt holders of the B.E. Degree<sup>o</sup> of the University of Adelaide in Mechanical or Electrical Engineering from examination for associate membership of that institution, provided that the above examination is passed on entrance to the University, and that a regular course of study occupying not less than three academical years has been pursued in the University between the passing of the above examination and the passing of the Final Examination for the Degree. For this purpose it will be sufficient if the entrance examination is passed at not more than two sittings.

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## RECOGNITION BY THE INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

The Institute of Chemistry of Great Britain and Ireland has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. The University is recognised under Section 4, Clause 2, and Section 5, Clause 2, of the Regulations of the the Institute which are as follows :—

Section 4, Clause 2 :—“Candidates who have obtained the Pass Degree of Bachelor of Science in a recognised University, and have complied with Clauses 1 and 2 of Section 3, are also eligible for admission to the Intermediate Examination, provided they produce evidence satisfactory to the Council, that they have passed the Final or Degree Examination in Theoretical and Practical Inorganic and Organic Chemistry and Theoretical and Practical Physics, and that they have passed an Intermediate or Final University Examination in Mathematics covering the work set forth in paragraph (c) on page 15.”

Section 5, Clause 2 :—“Candidates who have passed any of the following Examinations are exempted from the Intermediate Examination provided they produce evidence, satisfactory to the Council, of having been trained in Theoretical and Practical Chemistry in Theoretical and Practical Physics, and in one optional scientific subject, in one or more of the Institutions recognised by the Council, in accordance with the Regulations of the Institute (pp. 14-17).”

NOTE—The Regulations of the Institute may be consulted on application to the Registrar.

**SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.**

**The Angas Engineering Scholarship.**

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

For the conditions upon which the Scholarship has been founded, and upon which it will be awarded, see Statutes, Chapter XIII., "Of the Angas Engineering Scholarship," page 88.

The Scholarship will be offered in June, 1918, and should the Scholarship not be awarded, it will again be offered in June, 1919

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

**Awards.**

For previous awards see Calendars for 1911 to 1916.

- 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.
- 1916 Goodman, Cyril William, 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 89.

An examination for one Exhibition will be held in November, 1918. Last day of entry, 1st October. Candidates who fail to give notice by the prescribed date may be permitted to enter on payment of a fee of 5/-

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

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1918:—

- |  |   |   |
|--|---|---|
| <ol style="list-style-type: none"> <li>1. Algebra and Trigonometry</li> <li>2. Geometry</li> <li>3. Physics (including practical work)</li> <li>4. Chemistry (including practical work)</li> <li>5. Applied Mathematics</li> </ol> | } | As for the<br>Higher Public<br>Examination. |
|--|---|---|

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

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

#### Awards.

For previous awards, see Calendars from 1904.

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1913</li> <li>1914</li> <li>1915</li> <li>1916</li> <li>1917</li> </ol> | <p>Jose, Wilfrid Oswald</p> <p>Stempel, Herbert Walter</p> <p>Anderson, William Moffatt (resigned)<br/>James, Wesley Hughes.</p> <p>Thrum, Edward Allen (resigned).<br/>Piper, Roderick Arthur.</p> <p>Morton, Christopher Gordon</p> |
|--|---|

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.....

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**The John Howard Clark Prize.**

This Prize, of the annual value of about £20 for two years, was founded by public subscription in memory of the late John Howard Clark for the encouragement of English Literature at the University. For conditions see Statutes, Chapter XIV. "Of the John Howard Clark Prize," page 92.

**Awards.**

For previous awards, see Calendars from 1904.

1913	Williams, Gwenneth
1914	Mann, Gertrude Irene
1915	Rendell, Alan
1916	Not awarded.
1917	Threadgill, Bessie

---

**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 99.

**Awards.**

For previous awards, see Calendars from 1904.

- 1913 Williams, Francis Edgar
- 1914 { Bagot, Edward Mead } equal  
       { Burgess, Frederick Martin }
- 1915 { Buttrose, Ian } equal  
       { Power, John Leslie }
- 1916 Purton, David Gabriel.
- 1917 Mander, Linden Alfred

**The Stow Prizes.**

These Prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each and are awarded to undergraduates in Law who show exceptional merit in not less than two subjects in any year of their course.

For conditions see Statutes, Chapter XV. "Of the Stow Prizes and Scholar," page 93.

**Awards.**

For previous awards, see Calendars from 1904.

- 1913 { Griffiths, Thomas Lester  
       { Piper, Harold Bayard  
       { Yuill, George Ashwin
- 1914 { Kerr, Donald  
       { Moulden, Arnold Meredith  
       { Ross, Dudley Bruce
- 1915 No awards.
- 1916 { Buttrose, Ian  
       { Burns, Leonard James
- 1917 { Brebner, Charles Cave  
       { Waterhouse, Arthur Greaves  
       { Stevens, Edgar Loveday  
       { Buttrose, Ian



### 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.

1913	{ Grant, Richard Longford Thorold (First year) Morey, Alan Wilson } equal (Second year) Plötz, Oscar Arnold
1914	{ Pryor, William Arthur (First year) Gillen, John Besley (Second year)
1915	{ Rayner, Howard Luscombe (First year) Shanasy, William Bonwill } equal (Second year) Gurner, Colin
1916	{ Hussey, Percival Francis Leitch (First year) Streich, Carl Ivó (Second year)
1917	{ Florey, Howard Walter (First year) Walmsley, Robert Leitch Eric (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 99.

### Awards.

For previous awards see Calendars from 1911.

1913	{	Rice, Patrick William (Third year)	} equal (Fourth year)
		Haste, Reginald Arthur, B.Sc.	
		Turner, Charles Trevor	
1914	{	Plötz, Oscar Arnold	} equal (Third year)
		Southwood, Albert Ray	
	{	Jose, Ivan Bede	} equal (Fourth year)
	Rice, Patrick William		
1915	{	Gillen, John Besley (Third year)	} equal (Fourth year)
		Southwood, Albert Ray	
		Plötz, Oscar Arnold	
1916	{	Cilento, Raphael West (Third year)	} equal (Fourth year)
		Beare, Frank Howard	
		Cairns, Hugh William Bell	
1917	{	Streich, Carl Ivo (Third year)	}
		Cilento, Raphael West (Fourth year)	

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### 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 XVI. "Of the Everard Scholarship," page 94.

**Awards.**

For previous awards, see Calendars from 1904.

- 1913 Verco, Joseph Stanley.
  - 1914 Not awarded.
  - 1915 Rice, Patrick William
  - 1916 Not awarded.
  - 1917 Cairns, Hugh William Bell
- 

**The Hartley Studentship.**

This Studentship has been founded by public subscription in memory of the late John Anderson Hartley, B.A., B.Sc., Vice-Chancellor of the University and Inspector-General of Schools of South Australia. It is awarded on the results of the Higher Public Examination, and is available for the B.A., B.Sc., B.E., LL.B, M.B., or Mus. Bac. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 99.

**Awards.**

For previous awards see Calendars from 1911.

- 1913 Pomroy, Harry Roy
  - 1914 Cooper, Donald Counter
  - 1915 Sharman, Ernest James
  - 1916 Gillman, Sherlock Hill Marshall.
  - 1917 Smith, James Wearing
- 

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

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

### **The Eric Smith Scholarship.**

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

For conditions see Statutes, Chapter XVIIb., "of the Eric Smith Scholarship" page 94.

- 1916 Not awarded.  
1917 Cooper, Thomas Edwards
- 

### **The Archibald Mackie Bursary.**

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

For conditions see Statutes XVIc. "of the Archibald Mackie Bursary," page 95.

#### **Award.**

- 1916 Shepley, William Allen
- 

### **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 107.

#### **Awards.**

For previous awards, see Calendar for 1913.

- 1913 Hardy, Mabel Phyllis.  
1914 Oldham, Wilfrid  
1915 Mander, Linden Alfred  
1916 { Not awarded  
1917 {
- 

### **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 107.

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

A prize of £12 10s. is offered for the best Essay entitled "On being Heroic." No limit is set with respect to the length of the Essay, but an essay can hardly be adequate in less than 8,000 words. A list of books in the library bearing on the subject may be seen on application to the librarian.

Graduates or undergraduates of the University will be eligible to compete, but candidates must not have matriculated before 1910.

An award will not be made unless the best Essay is considered to be of sufficient merit.

The Essay must reach the Registrar on or before the 15th October, 1918.

**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.

- |      |   |   |
|------|---|---|
| 1915 | } | ARTS—CLASSICS—Burgess, Frederick Martin                 |
|      |   | LAW—Theory of Law and Legislation—Hicks, Francis Gibson |
| 1916 | } | ARTS { CLASSICS—Somerville, Sesca Lewin                 |
|      |   | PHILOSOPHY—Davey, Constance Muriel, B.A.                |
|      |   | SCIENCE—Chemistry—Hurst, Walter William                 |
|      |   | LAW—Private International Law—Burns, Leonard James      |
| 1917 | } | SCIENCE—Kessell, Stephen Lackey                         |
|      |   | LAW—Waterhouse, Arthur Greaves                          |

**The Lowrie Scholarships.**

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

For conditions, see Statutes, Chapter XXXIII., page 109.

**Award.**

1916—Stephens, Cyril Forster.

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

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

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

**Award.**

1916—Research—Hurst, Walter William  
1917 Do. Finlayson, Hedley Herbert

**The Lister Prize.**

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

For conditions, see Statutes, Chapter XXXVIII., page 116.

### 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 112.

#### Awards

(BY UNIVERSITY).

- |      |   |  |
|------|---|--|
| 1914 | { | Beasley, Muriel Estelle (Muirden College)—(resigned, 1916) |
|      | { | Zowe, Ivy Beatrice (Adelaide High School)                  |
| 1915 | { | Rooney, Patrick William (Muirden College)                  |
|      | { | Adamson, Harold Stanley (Unley High School)                |
| 1916 | { | Kinnish, Florence Maud (Muirden College)                   |
|      | { | Spinkston, William Leslie (Prince Alfred College)          |
| 1917 | { | Piper, Clarence Earle (Muirden College)                    |
|      | { | Pitman, Mary Marguerite (Adelaide High School)             |

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### 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 110.

#### Awards.

- |      |   |  |
|------|---|--|
| 1914 | — | Smith, Marjorie Florence (Medallist—resigned scholarship). |
|      |   | Poynton, Mary Mabel (awarded scholarship).                 |
| 1915 | { | Dealy, Frank Henry } equal                                 |
|      | { | Kessell, Stephen Lackey }                                  |
| 1916 | — | Not awarded.   |
| 1917 | { | Murray, Beatrice Jean (Medallist—resigned Scholarship)     |
|      | { | Pobjoy, Alice Blake (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 Forster.

---

### **The Barr Smith Prize for Greek.**

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

#### **Awards.**

For previous awards, see Calendar from 1913.

1913—Burgess, Frederick Martin  
 1914—Somerville, Sesca Lewin  
 1915—Power, John Leslie  
 1916—Somerville, Dorothy Christine  
 1917—Purton, David Gabriel

---

### **The Andrew Scott Memorial Prize for Latin.**

This Prize has been founded by private subscription, in memory of the late Andrew Scott, B.A. The prize is of the annual value of £6, and is awarded to the best student in Latin in the first year's examination for the Ordinary Degree of Bachelor of Arts.

#### **Awards.**

For previous awards, see Calendar from 1913.

1913 Burgess, Frederick Martin  
 1914 Burus, Leonard James  
 1915 Pitt, George Henry  
 1916 Somerville, Dorothy Christine  
 1917—Kelly, William Raymond



**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 111.

The subject for the poem for 1918 is—"Empire."

The poem must not be more than 200 lines and not less than 50.

A single poem or a collection of poems may be presented. Candidates who desire further details are advised to apply to the Dean of the Faculty of Arts.

**Award.**

1917—Gellert, Leon Maxwell

---

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

- 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.

- 1914 Morey, Alan Wilson  
 1915 Williams, Francis-Edgar, B.A.  
 1916 Rayner, Howard Luscombe  
 1917 Cairns, Hugh William Bell

### The Tennyson Medals.

#### Awards—1917.

Higher Public—Lewis, Aubrey Julian (Christian Brothers College).

Senior Public—Crompton, Mary Hope Sinclair (Girton House School).

Junior Public—Dorsch, Ida Margarete (Tormore House School).

### The Joseph Fisher Medal.

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

For conditions see Statutes, Chapter XXVIII., "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 105.

#### Awards.

For previous awards, see Calendars from 1913.

1912	} Not awarded.
1913	
1914	Ponder, Gilbert Walter Graham
1915	Mills, Edward Whitfield
1916	} Not awarded.
1917	

### 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 114.

#### Awards.

- 1915. Robertson, Merle Katie Smeaton (resigned)
- 1916. Gard, Harold John (resigned).
- 1917. Collett, Gwendolyn Victoria Pearl.

the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

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

#### FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that  
is the son (or daughter) of  
who was (or is) a worthy member of the Ancient Fraternity of Free  
and Accepted Masons under the Grand Lodge of South Australia, and  
hereby nominates the said  
as a person to whom the University shall award a St. Alban  
Scholarship. The said scholar-designate is to study for the degree of  
Bachelor of

Dated at Adelaide this \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 19 \_\_\_\_\_

(Lodge Seal).

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure  
by \_\_\_\_\_ of the St. Alban  
Scholarship, and has substituted  
in the room of the said

Dated at Adelaide the \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 19 \_\_\_\_\_

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

#### Awards.

For previous awards, see Calendar for 1913.

1903 Hunn, William Morgan.  
1905 Jacob, Melliar Phelps.  
1910 Wibberley, Brian William.  
1913 Phillips, William James Ellery.  
1916 Kessell, Stephen Lackey

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

(Regulation XXV. of the Education Department, in regard to Scholarships,  
made in 1918).

#### 1. Bursaries.

1. Twelve Bursaries shall be offered annually for competition. Each Bursary allotted to the course in Medicine shall be tenable for five years; those allotted for the Associateship Diploma Course at the School of Mines for Architecture, Mining, or Metallurgy shall be tenable for three years; all other Bursaries shall be tenable for four years.
2. These Bursaries shall exempt the holders from all fees, other than fees for Supplementary Examinations, payable to the University of Adelaide in the courses for the degree of B.A., B.E., B.Sc., LL.B., M.B. and B.S., and Mus. Bac., and for

the Diploma in Applied Science, and from all fees payable to the Roseworthy College in the case of students taking the Agricultural Course in Science, and from all fees payable to the School of Mines and Industries in the course for the Associateship Diploma. Students holding Medical Bursaries shall also be exempt from all fees payable to the Adelaide Hospital and to the Queen's Home, up to a maximum of £45. In addition, a maintenance allowance of £20 per annum shall be granted to each Bursar ; but, at the discretion of the Minister of Education, this allowance may be increased to £40 per annum to each Bursar who is unable to reside with his parents or guardian during the tenure of his Bursary.

3. These Bursaries shall be open for competition by candidates who have been *bona fide* residents of the State of South Australia for the whole of the year in which they compete. Bursaries will be awarded only to those deemed to be of sufficient merit.
4. The Bursaries shall be available for any course for which the Bursar is eligible, but not more than four Medical Bursaries shall be awarded in any one year.
5. The award of the Bursaries shall be decided upon the result of the Higher Public Examination of the University of Adelaide, together with any further examination that may be ordered by the Minister. 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.
6. The relative value of the subjects of the examination shall be fixed by the Minister.
7. Candidates must be under 19 years of age on the 31st of December in the year in which they compete, and must not previously have attended any part of the undergraduate course of the University in those subjects in which they are competing for the Bursary. Applications from intending competitors must be received in the Education Office on or before October 31st, and must be on the official form, and candidates must comply with all the requirements of such form. Late applications must be accompanied by a late fee of five shillings. No late application will be accepted unless it reaches the Education Department at least seven days before the beginning of the examination.

8. In the year following the examination successful candidates must enter the University of Adelaide as undergraduate students in Arts, Engineering, Science, Law, Medicine, or Music, or the School of Mines and Industries as Associateship Students. 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 examinations required in the selected course.
9. Before being awarded a Bursary tenable at the University, 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. Before being awarded a Bursary tenable at the School of Mines, a candidate must select the department in which he proposes to study. No Bursary, having once been awarded for tenure in any Faculty or Department, shall be made available for any other Faculty or Department, save on special grounds to be approved by the Minister.
10. 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.
11. Every Bursar on entering the School of Mines, and at the beginning of each subsequent year of the tenure of his Bursary, shall submit his proposed course of study for the year to the Chairman of the Associateship Committee for approval, and the exemption from payment of fees shall apply to such subjects only as shall be approved by the Chairman. No Bursar shall take any subject that is not within the curriculum of his Associateship, save on special grounds to be approved by the Associateship Committee.
12. Payments of Bursaries shall be made in instalments, one at the end of each of the three terms of each year of tenure. Each Bursar must present a certificate of diligence and

proficiency in a form to be prescribed by the Minister, and payment may be reduced, or withheld altogether, if such certificate is not satisfactory to the Minister.

13. No person may hold a Bursary in conjunction with any other entrance Bursary, entrance Exhibition, or entrance Scholarship tenable at the University or School of Mines, except in such cases as are recommended by the Council of the University or the Council of the School of Mines and approved by the Minister, but a Bursary may be held in conjunction with the Hartley Studentship.
14. In the event of any Bursary lapsing or being forfeited, the money may be used either in providing an additional Bursary, or in helping deserving students, as approved by the Minister.
15. Should any difficulty arise in the interpretation of the Regulations referring to Bursaries, 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).*

1916.

- Engineering* Gillman, Sherlock Hill Marshall ; Harris, George David ;  
Thrum, Edward Allen ; Wigan, Leonard James  
Cleveland.
- Law* - - Howard, Stanford ; Rochlin, Aaron ; Kelly, William  
Raymond.
- Medicine* - West, Esmond Frank ; Hobbs, Alan Frank ; Gartrell,  
Eric Frank ; Florey, Howard Walter.
- Arts* - - Leslie, Jean.

1917.

- Engineering* Smith, James Wearing. Koerner, Carl Frederick.  
Duncan, Keith Sinclair. Robertson, Sydney Clifford.  
Reichstein, Lance Eric Harold.
- Medicine* - Lewis, Aubrey Julian. Storer, Robert Vivian. Clark,  
Annie Winifred. Sumner, Donald James Robert.
- Law* - - Cartledge, Jack Pickering. Piper, Francis Ernest.
- Arts* - - Naylor, Rupert Leslie.

**2. Evening Studentships.**

16. Studentships will be offered annually for competition by persons attending or proposing to attend evening lectures at the University or School of Mines with a view to graduating or securing a diploma. These Studentships shall, as a general rule, be awarded to candidates whose occupations or circumstances prevent them from attending the day lectures, but the Minister may award not more than one-fourth of the whole number of Studentships to candidates whose employers allow them time to attend day lectures during working hours.
17. The value of each Studentship shall not exceed £10 for a Science or Engineering student, or £7 for other students, 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.
18. Nine of such Studentships shall be offered to students studying or intending to study for a degree in Science or Engineering, and thirteen to students studying or intending to study for any other degree or a diploma. Provided that if in any year the number of applicants of sufficient merit shall not allow of these proportions being maintained, the same may be varied, or the full number of Studentships not awarded, at the discretion of the Minister.
19. Of the Studentships offered for Science or Engineering, three shall be offered to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. In the competition for the other Studentships, five shall be offered to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study. Provided that if in any year the number of applicants of sufficient merit shall not allow of these proportions being maintained, the Minister may vary the same at his discretion.
20. Candidates for the first year Studentships must be between the ages of 16 and 25 years on the first day of January of the year of entry, and must have been resident in 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 course studied.



21. The subjects of examination for the first year Studentships shall be fixed by the Minister. The examination shall be qualifying, not competitive, and the Studentships shall be awarded to such candidates as, in the opinion of the Minister, show the most promise, taking into consideration the previous opportunities and present circumstances of candidates.
22. The subjects of examination for the Studentships to be awarded for each year other than the first shall be such as have been respectively studied by the candidates during the preceding year.
23. 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. Students other than those entering on their course must produce a certificate from the Registrar that they have diligently and regularly attended the prescribed lectures. The Minister may cancel the Studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures.
24. Candidates for any of these Studentships, whether they have already held one of them or not, must apply to the Director of Education in writing before February 28th. Each candidate should state :—
  1. His age, whether at work during the day, how employed, and what salary he receives.
  2. His qualifications in point of knowledge, viz. :—
    - (a) If he has not previously held the Studentship, he should give particulars of any public examinations he has passed.
    - (b) If he has already held the Studentship, he should state what work he has done and what examinations he has passed while holding it.

Candidates who have reached the standard of the Junior Public Examination in English Literature, History, and Mathematics are qualified to hold the Studentship.
25. If the whole sum of £180 is not awarded in any year to candidates qualified under Regulation XXV., 16, any surplus may be used, at the discretion of the Minister, in assisting other deserving students.
26. Should any difficulty arise in the interpretation of the Regulations referring to studentships, the question shall be referred to the Minister, whose decision shall be final.

**The Tate Memorial Medal.**

## RULES.

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal, it is hereby provided :—

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

*As amended by Council, July, 1912.*

**Awards.**

- 1903 Gartrell, Herbert William, B.A., B.Sc.  
 1904 Basedow, Herbert.  
 1905 Not awarded.  
 1906 } No candidates.  
 1907 }  
 1908 Stanley, Evan Richard  
 1909 to 1917. 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.

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### **Commissions in the British Army.**

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

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

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

and two of the following subjects ;

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

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

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

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

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### **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.

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### **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 97):—

- 1904.—“Commercial Education,” by Henry Gyles Turner, Esq.
- 1906.—“Commercial Character,” by L. A. Jessop, Esq.
- 1908.—“The Influence of Commerce on Civilization,” by J. Currie Elles, Esq.
- 1910.—“Banking as a Factor in the Development of Trade and Commerce,” by J. Russell French, Esq.
- 1912.—“Australian Company Law; and some sidelights on Modern Commerce,” by H. Y. Braddon, Esq.
- 1914.—“Problems of Transportation, and their relation to Australian Trade and Commerce,” by the Hon. D. J. Gordon, M.L.C.
- 1917.—“War Finance: Loans, Paper Money, and Taxation,” by Professor R. F. Irving, M.A.
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**SOCIETIES ASSOCIATED WITH THE UNIVERSITY.**

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**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.

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**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.

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**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.

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### **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.

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### **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 dispatch of business.

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

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

The membership of the Association is now about 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.

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### University Sports' Ground.

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

A boathouse and a pavilion have been erected. Mr. Barr Smith gave £750 for the erection of the boathouse; and 12 donors (B. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, G. J. R. Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir S. J. Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed liberally to the fund for general purposes.

A Committee, composed of representatives of the University and of the Sports' Association, has been appointed:—Mr. G. Brookman (chairman), the Chancellor, 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.

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### **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.

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### **University Women's Club.**

FOUNDED JULY, 1909.

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

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

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

The annual subscription is 5/-, with an additional five shillings for the Red Cross.

The membership is about 120.

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### **Adelaide University Arts Association.**

FOUNDED 1907.

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

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

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

President—Professor G. C. Henderson.

Hon. Secretary—Mr. A. O. Nietz.

### University 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—

Committee—Messrs. J. G. Wauchope, G. J. Needham, and G. Ponder.

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### University Society of Commerce, Founded 1909.

#### OBJECTS.

The objects of the Society are :

- (a) To represent and further the views, wishes and interests of members of the Society and others engaged in Commercial pursuits, and for this purpose to watch proposed changes in the law and practices affecting commerce, and to promote such amendments and reforms thereof as shall from time to time be approved of by the Society.
- (b) To assist in furthering and improving the status of commercial education.
- (c) To offer scholarships in connection with any course in Commerce at the University of Adelaide.
- (d) To aim at the establishment of the Degree of Bachelor of Commerce at the University of Adelaide.
- (e) To consider and determine upon and to take all steps which will promote the prosperity of the Society and its members, and whenever the Society shall so determine to cause the Society to be incorporated.
- (f) Such other objects as a General Meeting of the members shall from time to time determine upon.

#### OFFICERS.

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

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

VICE-PRESIDENTS—Professor Mitchell, M.A., D.Sc. and Messrs. R. J. M. Lucas, B.A. ; S. J. Jacobs ; P. E. Johnstone, B.A., LL.B. ; W. Neill ; A. W. Piper, K.C. ; John Shiels ; and H. Heaton, M.A., M. Com.

HON. SECRETARY AND TREASURER—Mr. R. M. Steele, Junr., A.C.U.A., Cavendish Chambers, Grenfell Street, Adelaide.

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### The Classical Association of South Australia.

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

PRESIDENT—Professor H. Darnley Naylor.

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

HON. SECRETARY—Mr. D. H. Hollidge.

#### RULES.

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

The objects of the Association are—

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

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

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

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1918.

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## PART II.

### The Elder Conservatorium.

PREFACE.

REGULATIONS.

RULES.

DIPLOMA OF ASSOCIATE IN MUSIC.

SCHOLARSHIPS.

PRIZES.

# THE ELDER CONSERVATORIUM OF MUSIC.

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## 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.	Per Annum
French			£0 10 6	£1 11 6
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	£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				
French	}	each ... ..	...	...	1 1 0	3 3 0
German						
Italian						

\* Allowed 6th August, 1914.

† Allowed 10th December, 1915



- 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.

\* *Amended 31st December, 1913.*

V. At the second examination for the Diploma of Associate in Music each candidate shall be required to satisfy the Examiners in the following subjects :—

1. Harmony.
2. History of Music.
3. Principal subject.

VI. At the third examination for the Diploma of Associate in Music each candidate shall be required to satisfy the Examiners in the following subjects :—

1. Harmony.
2. History of Music.
3. Principal subject.

Each candidate must, unless the principal subject be pianoforte playing, play on the pianoforte to the satisfaction of the Examiners two pieces from a list of pieces to be published each year, and scales and arpeggios in forms defined by schedule.

VII. Candidates who make Pianoforte Playing, Singing, Violin, Violoncello, or Organ Playing their principal subject shall be required to perform any piece or pieces or any portion thereof selected by the Examiners from lists to be published each year. They shall also be required to undergo such other tests in Playing or in Singing as the Examiners shall require.

VIII. Candidates who elect to be examined in Musical Composition must send to the Registrar before the first day of the November in which the third examination takes place, a Musical Composition of such length as to occupy not less than ten minutes in performance. Such Musical Composition must show evidence of original thought, and may be written for any instrument or combination of instruments, or may be a vocal composition with instrumental accompaniment.

Further, candidates will be required to pass an examination in :—

- |                              |   |                              |
|------------------------------|---|------------------------------|
| Harmony                      | } | 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.*

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## ASSOCIATE IN MUSIC.

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### SCHEDULE.

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#### DETAILS OF SUBJECTS FOR EXAMINATION IN 1918.

##### 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: New Bülow Edition, No. 4.

Czerny: Op. 299 (Hansen Edit), No. 24.

Bach: Short Preludes and Fugues (Augener, 8,071), No. 12, in A minor.

Beethoven: Sonata, Op. 10, No 1.

Mendelssohn: Op. 16, "3 Fantasias," No. 3, in E.

Rheinberger: Op. 29, "From Italy," either one of the three.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory the following technical exercises:—

Any major, minor, or chromatic scale—

(a) With each hand separately through a compass of four octaves.

- (b) With both hands together in similar motion an octave apart through a compass of four octaves.
  - (c) With both hands together in contrary motion through a compass of two octaves. Minor scales in contrary motion will be required in the *harmonic* form only.
  - (d) With each hand separately, beginning and ending on the third note of the scale, instead of the first.
- Any arpeggio formed of common chords, chords of the dominant seventh and diminished seventh and their inversions
- (a) With each hand separately through a compass of two octaves
  - (b) With both hands together in similar motion an octave apart through a compass of two octaves.

3. To read at sight.

4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth, played on the Pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

### Organ.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—

Best: "Art of Organ Playing," Nos. 202 and 204.

Bach: Prelude and Fugue in G minor, from the Eight Short Preludes and Fugues.

Guilmant: Sonata in C minor, No. 3 (1st and 2nd movements).

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play any major, minor, or chromatic scale—

(a) With the hands separately or together, compass three octaves

(b) With the feet alone, through the compass of the pedal board, but incomplete octaves will not be required.

3. To read at sight.

4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the organ and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

### Singing.

Each candidate will be required—

1. To submit to the Director of the Elder Conservatorium, not later than the last day of September, a list of works under the following headings :—

Solfeggi, to be sung to the Solfeggi syllables.

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, No. 29.

Dont : Twenty Progressive Exercises, Op. 38, No. 15.

Handel : Sonata in E, the whole work.

Ascelay : Concerto in A minor.

Mackenzie : Benedictus, Op. 37.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms) extending through a compass of two octaves.

(a) Detached bowing—one note to a bow

(b) Slurred bowing—seven notes to a bow.

To play the common chord in arpeggio of any major or minor key to the extent of two octaves—six notes to a bow.

The chromatic scale from G, A, or B flat to the extent of two octaves—twelve notes to a bow.

3. To play at sight.

## 4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the pianoforte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously, and also immediately after one another.

### Violoncello.

Each Candidate will be required—

## 1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—

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 : Op. 70, No. 4, in E.

Bach : Prelude and Fugue in B flat, from the 1st Book of the "48."

Beethoven : Sonata, Op. 27, No. 1, "Adagio" and "Allegro vivace."

Schumann : Kreisleriana, Nos. 4 and 5.

Chopin : Nocturne, Op. 15, No. 2, in F sharp.

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 others 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 sign, 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.  
 Guilman : 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, No. 25 (Pete's Edition), 26 (Singer Edition).  
 Rode : Caprices, No. 3, in G.  
 De Beriot : Concerto in A minor, No. 9, the whole work.  
 Mozart : Sonata in E flat. No. 5.  
 Beethoven : Romance in F.

Further, candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms), extending through a compass of two octaves.

Also, the major and minor scales (both forms) of G, A, and B, extending through a compass of three octaves—

- (a) Detached bowing—one note to a bow.
- (b) Slurred bowing—seven notes to a bow.
- (c) Spiccato bowing—two bows to each note.

To play the common chord in arpeggio of any major or minor key to the extent of two octaves—six notes to a bow.

Also, the common chord in arpeggio of G, A, or B, major or minor, to the extent of three octaves—detached and slurred bowing—six notes to a bow.

The Chromatic scale from any note to the extent of two octaves—twelve notes to a bow.

3. To play at sight.

4 To qualify in ear tests.

Candidates will be required to name any interval within the limits of a major ninth, played on the pianoforte, and to recognise any of the following chords when played—major common chord, minor common chord, chord of the dominant seventh in root position.

### 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, to be sung to the Solfeggi syllables.

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 on 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 B minor, from the 1st Book of the "48."  
 Beethoven: Sonata in G, Op. 31, No. 1.  
 Chopin: Ballade in F major, Op. 38.  
 Etude in C sharp minor, Op. 10, No. 4.  
 Mendelssohn: Variations Serieuses.  
 Schubert-Liszt: "Wanderer" transcription.

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 : Toccata and Fugue in D minor.
  - Mendelssohn : Sonata No. 4.
  - Harwood : Dithyramb.
  - Guilmant : Processional March in F (Organ pieces, Book II.).
  - Widor : Symphony in F (No. 5), first movement only.

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 : Studies, No. 37 (Peter's Edition), No. 38 (Singer Edition), in D.
  - Rode : Caprices, No. 5, in D.
  - Spoer—Concerto in A minor, No. 8, Op. 47, the whole work.
  - Beethoven : Sonata in F, No. 5.
  - Zarzycki : Mazurka, Op. 26.

Further, Candidates may be examined in works studied by them during the year in addition to the foregoing.

2. To play from memory any major or minor scale (both forms) extending through a compass of three octaves. Detached, slurred, and spiccato bowing.

The common chord in arpeggio of any major or minor key to the extent of three octaves—detached and slurred bowing—nine notes to a bow.

The chromatic scale from any note to the extent of two octaves—twelve notes to a bow.

Also, the chromatic scale from G, A, B, and C to the extent of three octaves—twelve notes to a bow.

Scales in thirds, sixths, and octaves in the keys of G, A, B flat C and D major and minor (melodic form only) to the extent of two octaves. Detached bowing only.

3. To play at sight and to transpose.
4. To show a thorough knowledge of matters connected with tonality and form in the work presented for examination, and also to show a knowledge of standard Violin music extending over a moderate range.

### 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.

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Test in Pianoforte Playing for candidates who present themselves in subjects other than Pianoforte (*vide* Regulation VI).

1. Each candidate will be required to play the following Technical Exercises:—

- (a) Major and minor scales in all keys, with each hand separately (compass—three octaves), and with both hands together, in similar motion, separated by an octave (compass—three octaves).

All minor scales to be in both forms.

- (b) Arpeggios formed of all the major and minor common chords with each hand separately (compass—three octaves).

2. Each candidate will be required to play two pieces selected by the candidate from the following list:

Bach: Invention in two parts, No. 3.

Beethoven: Nel cor più variations.

Bagatelles, Op. 33, No. 1, in E Flat.

Schumann: Op. 68, "Knight Rupert."

## ELDER SCHOLARSHIPS.

### REGULATIONS.

- I. Scholarships to be held at the Elder Conservatorium, and known as "Elder Scholarships," shall be offered for competition among Australasian Students of Music.
- II. The subjects for which Scholarships are awarded shall, for the present, be—
- Musical Composition (one)
  - Singing (two)
  - Pianoforte (two)
  - Violin (two)
  - Organ (one)
  - Violoncello (one).
- III. The limits of age for candidates shall be as follows:—
- |                      |                  |                  |   |  |   |    |    |   |
|----------------------|------------------|------------------|---|--|---|----|----|---|
| Musical Composition— | not less than 15 | nor more than 25 | } | On the<br>1st day of<br>December<br>in the year<br>in which the<br>Examination<br>is held. |   |    |    |   |
| Singing              | "                | 17               |   |  | " | 24 |    |   |
| Organ                | "                | 14               |   |  | " | 20 |    |   |
| Pianoforte           | }                | "                |   |  | " | 18 |    |   |
| Violin               |                  |                  |   |  |   |    | 12 | " |
| Violoncello          |                  |                  |   |  |   |    |    |   |
- No candidate who holds, or who has held, any other Scholarship or Prize tenable for three years at the Elder Conservatorium, for any of the above subjects shall be eligible to compete for any Elder Scholarship in the same subject.
- IV. Candidates for Scholarships shall undergo such examination as the Council may from time to time direct. An examination fee of 10s. 6d. shall be paid by each candidate.
- V. Should none of the Candidates competing for a Scholarship in any subject show sufficient merit, or should there be no candidates, it may be left vacant until such time as the Council shall direct, or the Council may award it for another subject.

VI. A Scholarship shall be tenable for three years, unless sooner determined under Regulation VII., and shall entitle the holder to free tuition in one principal and one or more secondary subjects, to be approved by the Director.

The principal subject of study shall be the subject for which the Scholarship was awarded. Scholars taking Violin as the principal subject of study shall, unless exempted by the Director, also study the Viola. The period of tenure may be extended by the Council, but a Scholarship shall not be awarded a second time to the same student for the same principal subject, and no person may hold more than one of the Elder Scholarships at the same time.

VII. Every holder of a Scholarship shall take the three years' course and pass the examinations prescribed for the Diploma of Associate in Music. If he fail to pass the examination proper to his year, he shall forthwith forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A Scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

VIII. The holder of a Scholarship shall be exempt from payment of all fees in the Associate of Music course, except the fee for the Diploma.

IX. A person elected to a Scholarship who, by reason of being able to pay for his or her education, or for other sufficient reason, declines to accept the emoluments thereof, may bear the title of Honorary Elder Scholar. In such a case the Council may direct that the funds of the Scholarship be devoted to assist deserving students to meet the cost of their musical education.

X. These Regulations may be varied from time to time.

*Allowed 13th December, 1917.*

#### AWARDS.

For previous Awards see Calendars from 1908.

1914 { Martin, Leslie Robert (Singing)  
Sara, Lily Emmaline (Pianoforte)

1915 Robertson, Merle Katie Smeaton (Violin)



1916 (March)	{	Adamson, Myrtle Gwendoline (Pianoforte)	
		Collins, Ella Mary (Singing)	
		Pyne, Tryphena Grace (Violin)	
		Simcock, Hilda May (Singing)	
		Thrush, Annie Vera (Singing)	
		Walsh, Dorothy Ada (Pianoforte). Resigned	

Awarded November 1916 for 1917—

Gard, Harold John (Special for Tenor Voice)  
 Jones, Lewis La Vence (Violin)  
 Keen, Lilian Guard (Pianoforte)  
 Patrick, Elsie Furneaux (Composition)

No awards November, 1918.

## 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.

The Rules made by the Council on August 28th, 1914, are hereby repealed, and the following substituted therefor :—

- I. The Scholarship shall be called the "Brookman Scholarship."
- II. Candidates for the Scholarship may present themselves in any one of the following Principal Subjects—Pianoforte, Violin, Organ, Violoncello, or Singing, and shall undergo such examination as the Council may from time to time direct.
- An examination fee of 10s. 6d. shall be paid by each candidate.

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

Pianoforte	}	not less than 12 nor more than 18		
Violin				
Violoncello				
Organ	"	14	"	20
Singing	"	17	"	24

on the first day of December in the year in which the examination is held.

No candidate who holds, or who has held, a Scholarship or Prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete in the same Subject for the Brookman Scholarship.

- IV. Should no Candidate at any examination show sufficient merit, the Scholarship shall lapse for the period of one year, after which it shall be offered afresh.
- V. The Scholarship shall be of the annual value of £20, tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the Principal Subject for which the Scholarship shall have been awarded, together with such Secondary Subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject shall, unless exempted by the Director, also study the Viola.
- VI. Payment of the Scholarship shall be made in four equal instalments in each year, one at the beginning of each term.
- VII. Every holder of the Scholarship shall take the three years' course and pass the Examinations prescribed for the Diploma of Associate in Music. If he fails to pass the Examination proper to his year, he shall forthwith forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A Scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.
- VIII. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the Prize shall be offered for competition at the end of the academic year.
- IX. These Rules may be varied from time to time.

*Made by Council April 27th, 1917.*

#### AWARDS.

- 1913—Bottrill, Mary Sophie Sunbeam (Singing). (Resigned).  
 1914—Gill, Hilda Beatrice (Singing).  
 1916—Coonan, Rita Norlean (Singing).

### THE ROBERT WHINHAM PRIZE FOR ELOCUTION.

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and

to apply the income thereof in the manner specified in these rules, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

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

*Made by Council 30th October, 1914.*

#### AWARDS.

For previous awards see Calendars from 1911.

1914	{ Lucas, Hylda Alice Taylor, Walter Leslie Frank }	} equal
1915	{ Knightley, Ernest William Simon, Clair Dora }	} equal
1916	Robinson, Sarah Constance Mabel	
1917	Rodgers, Frances Ada	

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1918.

## 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 1917 are published in  
the Manual of the Public Examinations Board, 1918.*

**PUBLIC EXAMINATIONS BOARD and PUBLIC  
EXAMINATIONS COMMITTEE, 1918.**

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THE BOARD.

Professor Henderson (Chairman)	Mr. H. H. Corbin
Professor Chapman	Mr. J. Crampton
Professor Kerr Grant	Mr. J. R. Fowler
Professor Mitchell	Mr. W. Fuller
Professor Naylor	Mr. H. W. Gartrell
Professor Osborn	Mr. H. Heaton
Professor Rennie	Mr. D. H. Hollidge
Professor Sir Edward Stirling	Mr. W. Howchin
Mr. E. V. Clark	Sir Douglas Mawson
Dr. W. T. Cooke	Dr. Schulz

THE COMMITTEE.

The members of the Board and, in addition :—

The Headmaster of the Collegiate School of St. Peters.	
The Headmaster of Prince Alfred College.	
Mr. A. B. Ellis, B.A.	Rev. D. G. Purton, B.A.
Miss M. E. Patchell, M.A.	Mr. W. Muirden, B.A.
Mr. W. J. Adey	

*Secretary :*

R. J. M. Lucas, 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.

For list of Centres and Officers see page 34.

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## 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<br>and Composition<br>and Dictation  | (5) Greek                            |
| (2) Arithmetic   | (6) Latin                            |
| (3) Geography of the<br>British Isles and<br>Australasia | (7) French                           |
| (4) English History                                      | (8) German                           |
|  | (9) Algebra                          |
|  | (10) Geometry                        |
|  | (11) Drawing, or<br>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.

\* Allowed 21st December, 1910.

† Allowed 13th January, 1909.

- 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 11th December, 1901.*

## JUNIOR PUBLIC EXAMINATION.

### REGULATIONS.

- \*I. In order to obtain the Junior Public Certificate, each candidate must satisfy the Public Examinations Board in at least five of the following subjects, of which one must be English Literature:—

(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.

- †II. The examination shall be held annually in the month of November or December.

\* *Allowed 13th December, 1917.*

† *Allowed 19th January 1910*

- \*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 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.

Candidates who have passed at the Junior Commercial Examination in any subjects common to it and the Junior Public Examination, may count them towards the Junior Public Certificate.

- 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 he comes, shall be posted at the University and published in the Report on public examinations;

\* Allowed 13th December, 1917.

† Allowed 19th January, 1910.

‡ Allowed 7th December, 1904.

(b) In each of the subjects numbered 1 to 14 there shall be an Honours list of such candidates as have gained distinction. In these lists the names of candidates who are under sixteen years of age on the 1st of December in the year in which the examination is held shall be published in order of merit, but the names of those who are over this age shall be published in alphabetical order.

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.*

## 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) Geometry                           |
| (2) Modern History or<br>Ancient History | (10) Trigonometry                      |
| † (3) Economics                          | (11) Physics                           |
| (4) Greek                                | (12) Inorganic Chemistry               |
| (5) Latin                                | (13) Physiology                        |
| (6) French                               | (14) Botany                            |
| (7) German                               | (15) Physical Geography and<br>Geology |
| (8) Arithmetic and<br>Algebra            | (16) Drawing or<br>Theory of Music.    |

‡II. (a) The examination shall be held annually in the month of November or December.

(b) A special examination will be held in March, at which only those who are undergraduates, or who intend to enter forthwith upon a course of study for a degree or diploma, or for the

\* *Allowed 13th January, 1909.*

† *Added 13th December, 1917.*

‡ *Allowed 30th November, 1916.*

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 upon which course of study they intend to enter.

In the event of a successful candidate failing to enter forthwith upon such a course of study, his pass in the examination shall be cancelled unless he shall give to the Council a satisfactory reason for the delay, in which case the Council may extend, on such conditions as they may think fit, the period for his entering upon it.

Regulation II. allowed November 30th, 1916, is hereby repealed as from March 31st, 1918, and the following Regulation substituted therefor :—

\*II. (a) The examination shall be held annually in the month of November or December.

(b) A Special Examination will be held in February, at which those only shall be allowed to present themselves (1) who are undergraduates, or (2) who intend to enter forthwith upon a course of study in the University, or (3) who have previously passed the Senior Public Examination in not less than four subjects.

Candidates for this examination must give at least one month's notice of their intention to present themselves, and if they have not at some previous Senior Public Examination passed in at least four subjects must state for which course of study they intend to enter.

In the event of a successful candidate who has presented himself under (2) failing to enter forthwith upon such a course of study, his pass in the examination shall be cancelled unless he shall give to the Council a satisfactory reason for the delay, in which case the Council may extend, on such conditions as they may think fit, the period for his entering upon it.

\*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 shall receive certificates showing the

\* Allowed 13th December, 1917.

subjects in which they have passed, and the dates; but candidates may again present themselves in any subject in which they have already passed.

Candidates who have passed at the Senior Commercial Examination in any subjects common to it and the Senior Public Examination, may count them towards the Senior Public Certificate.

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 he comes, shall be posted at the University and published in the Report on public examinations.

\* Allowed 19th January, 1910.

† Allowed 7th December, 1901.

‡ Allowed 13th December, 1917.

- (b) In each of the subjects numbered 1 to 14 there shall be an Honours list of such candidates as have gained distinction. In these lists the names of candidates who are under seventeen years of age on the 1st of December in the year in which the examination is held shall be published in order of merit, but the names of those who are over this age shall be published in alphabetical order.

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.*

## 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. Economics.
  5. Greek.
  6. Latin.
  7. French.
  8. German.
  9. Algebra and Trigonometry.
  10. Geometry.
  11. Applied Mathematics.
  12. Physics.
  13. Inorganic Chemistry.
  14. Biology ; or
  15. Botany.
  16. Physiology.
  17. Physical Geography and Geology.

*\* Allowed 10th December, 1915.*

*† Added 13th December, 1917.*

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 examination, 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 position on the general Honour list shall be determined by adding together the marks obtained in not more than five subjects and the marks obtained for an English essay as prescribed in the syllabus for the Higher Public Examination.
- (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 he comes.
- (d) Certificates shall be issued to candidates who pass in one or more subjects.

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 13th December, 1917

Allowed 23rd November, 1911.



## 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, and at least two must be taken from subjects 3 to 6:—

1. English Literature.
2. Commercial Arithmetic.
3. Commercial Geography.
4. Business Correspondence (including Précis Writing).
5. Book-keeping.
6. Shorthand.
7. History.
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 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.

Candidates who have passed at the Junior Public Examination in any subjects common to it and the Junior Commercial Examination, may count them towards the Junior Commercial Certificate.

\* Allowed 13th December, 1917.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

V. The following fees, which do not include fees for Drawing, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves either for this examination or for the Junior Public Examination ... ..	£1 0 0
---	--------

Subsequent entries—

a. For each subject ... ..	0 5 0
b. For four or more subjects	1 0 0

In no case will the fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.

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

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Public Examinations Board to present themselves on payment of an extra fee of 5s.

VIII. Schedules defining, as far as may be necessary, the range of the questions and exercises to be set, shall be published not less than twelve months before the date of the examination to which they are intended to apply.

\*IX. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which he comes, shall be posted at the University, and published in the Report on public examinations.

\* Allowed 13th December, 1917.

- (b) In each of the subjects numbered 1 to 15, there shall be an Honours list of such candidates as have gained distinction. In these lists the names of candidates who are under sixteen years of age on the first of December in the year in which the examination is held shall be published in order of merit, but the names of those who are over this age shall be published in alphabetical order.

*Allowed 19th January, 1910.*

## 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, numbered 1 to 16; of which two must be subjects 1 and 2, and at least two from subjects 3 to 6; but no candidate shall receive the Senior Commercial Certificate until he has satisfied the examiners in either Junior Commercial Arithmetic or Senior Commercial Arithmetic:—

1. English Literature.
2. Book-keeping.
3. Commercial Geography.
4. Commercial History.
5. Economics.
6. Commercial Arithmetic.
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. Shorthand.
17. Drawing.

*\* Allowed 13th December, 1917.*

- 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 shall receive certificates showing the subjects and the dates, but candidates may again present themselves in any subject in which they have already passed.

Candidates who have passed at the Senior Public Examination in any subjects common to it and the Senior Commercial Examination, may count them towards the Senior Commercial Certificate.

- †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 :—

If he has not previously entered either for this or for the Senior Public Examination ...	£1 10 0
Unless he takes one or two of subjects 1 to 5 only, in which case the fee shall be, for each subject	0 10 0
If he has previously entered as aforesaid and takes :—	
(a) Any one or two subjects, for each subject	0 10 0
(b) Any three or more subjects ... ..	1 10 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.

\* Allowed 13th December, 1917.

† Allowed 16th December, 1915.

- 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.*

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## SYLLABUSES OF THE PUBLIC EXAMINATIONS FOR 1918.

### Primary.

#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN AUGUST, 1918.

#### 1. ENGLISH.

- (a) ELEMENTARY GRAMMAR. [Copies of *Notes on parsing and analysis* may be obtained on application to the Secretary.]
- (b) COMPOSITION. An essay or letter on a simple subject; the use and the spelling of common words. The words will be taken from Byard's *Essential Spelling* (G. Hassell & Son. 6d.).
- (c) LITERATURE. Goldsmith's *Deserted village* (*Dent. 4d.*), with repetition of 'Sweet was ..... all he knew' (lines 113-216).

#### 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. In the geography of Australasia special attention is to be given to South Australia, but a general knowledge only is required of other portions of the region, as in Taylor's *New geography of Australasia. (Clar. Pr. 1s. 6d.)*. For South Australia teachers are advised to consult Howchin's *Geography of South Australia* (*Whitcombe & Tombs. 3s. 6d.*), omitting the chapters on flora and fauna and the appendix.

#### 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.

Macmillan's *Shorter Latin course, first part* (Macmillan, 1s. 9d.)  
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* (Clar. 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 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 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, South Australian School of Arts and Crafts.

#### 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.

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### Junior Public.

#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1918.

##### 1. ENGLISH LITERATURE.

- (a) Wordsworth's *Poems; selected and annotated by C. L. Thomson* (Pitt Pr. ser. 1s. 6d.), with repetition of 'I wandered lonely as a cloud' (p. 23), 'Two voices are there . . .' (p. 29), 'Most sweet it is with unuplifted eye' (p. 36), 'Stern Daughter of the Voice of God' (p. 48), 'The happy warrior' (p. 51).



- (b) Lamb, C. and Lamb, M. *Tales from Shakespeare; selected by E. S. Bale.* (Bell, 10d.)
- (c) Grammar and Composition.
- (d) An English essay.

## 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 :

Howarth and Taylor. *The world and Australasia.* (Oxford geographies. 3s. 6d.)

Howchin, W. *Geography of South Australia* (Whitcombe and Tombs. 3s. 6d.), omitting the chapters on flora and fauna.

## 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.) 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.) pts. 1-2. 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, Macmillan's *Shorter Latin course, second part* (Macmillan. 2s.), 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 & Son. 1s.) 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. P., 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. P., 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 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 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, 26-9, 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 photo-synthesis; 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, broad bean, and melon.

The foregoing syllabus can be sufficiently illustrated by the plants of lily, buttercup, wallflower or stock, 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 particulars concerning Drawing apply to the Principal, South Australian School of Arts and Crafts.

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.

#### 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.

#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1918, AND FEBRUARY, 1919.

##### 1. ENGLISH LITERATURE.

- (a) Shakespeare. *King Lear*; ed. by D. Nichol Smith. (*Warwick Shakespeare*. 1s. 9<sup>l</sup>).
- (b) Makower, S.V. and Blackwell, B. H. eds. *Book of English essays* (*World's Classics*. 1s. net), pp. 1-189, omitting the essays by Overbury, Earle, Feltham, Browne, Fuller, Cowley, Dryden, Fielding, and Sydney Smith.
- (c) Smith, J. C. ed. *A book of verse*, pt. 3, section 2 (*Clar. Pr.* 8d.), pp. 256-288, with repetition of 'How sleep the brave' (p. 168), 'Hellas' (p. 172), 'Death the Leveller' (p. 184), 'The slaves

dream' (p. 198), 'Then loudly cried . . . died away' (pp. 262-3), 'Ring out' (p. 286), 'Fear death' (p. 287), 'Does the road wind' (p. 288).

- (d) Composition : Exercise on the topics dealt with in Arnold's *Shilling English composition*, and E. J. Kenny's *Exercise 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.

Morgan, R. H. and Balley, E. J. eds. *Readings in English history from original sources*, bk. 3, 1486-1688. (Blackie. 2s. 6d.).

Warner, G. T. and Marten, C. H. K. *Groundwork of British history*, section 2, 1485-1714. (Blackie 2s. 6d.).

### (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.) 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) Aristophanes. *Clouds*; ed. by A. Sidguick. (Longmans. 1s. 6d.)  
 Thucydides. *Rise of the Athenian empire*; ed. by F. H. Colson. (Macm. elem. classics. 1s. 6d.)

## 4. LATIN.

- (a) Grammar. Teachers are asked to adopt the terminology used in Sonnenschein's *New Latin grammar* (Clav. 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.).

### (b) Prose composition.

### (c) Passages for translation from unprepared books.

- (d) Cicero. *Selections from Cicero*; ed. by J. F. Charles. (Bell's Illustrated Classics. 1s. 6d.).  
 Ovid. *Selections from Ovid*; ed. by E. S. Shuckburgh. (Macmillan's Elem. classics. 1s. 6d.).

## 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) Daudet. *Lettres de mon moulin*; ed. by G. H. Clarke. (*Macmillan.* 2s. 6d.).  
 La Fontaine. *Shorter fables*; ed. by A. H. Wall. (*Blackie's Little French classics.* 4d.).  
 Coppée. *Six contes*; annotés par J. S. Norman et C. R. Dumas. (*Blackie Copyright French texts* 1s.).

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 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) Riehl, W. H. *Die vierzehn Nothelfer.* (*Blackie's German Texts.* 6d.).  
 Riehl, W. H. *Der Stadtpfeifer.* (*Blackie's German Texts.* 9d.)  
 Boyes, M. ed. *Poems for recitation.* (*Blackie's Little German classics,* 6d.)

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 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; construction 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, and 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  $0^\circ$ ,  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$ , and  $90^\circ$ ; 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 quad-



rants, and the tracing of the changes of value as the angle varies from  $0^\circ$  to  $360^\circ$ ; 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.

Carslaw. *Plane trigonometry, pt. 1* (Macmillan. 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, photo-synthesis, 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 : Gramineae, Liliaceae, Orchidaceae, Proteaceae, Ranunculaceae, Cruciferae, Rosaceae, Leguminosae, Rutaceae, Myrtaceae, Labiatae, Goodeniaceae, Compositae.

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-book 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-book recommended :

Howchin, W. *Geology of South Australia, division 1; an introduction to geology from the Australian standpoint, exclusive of chapters xx, xxx, xxxi, and appendices.*

#### \*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.

\* For particulars concerning Drawing apply to the Principal, South Australian School of Arts and Crafts.

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.

#### 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, Queensland and Western Australia jointly.

#### SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	...	...	300	Trigonometry	..	...	...	200
History, (a) or (b)	..	...	300	Physics	...	...	...	300
Greek	...	...	400	Chemistry	...	...	...	300
Latin	...	...	400	Physiology	...	...	...	300
French	...	...	300	Botany	...	...	...	300
German	...	...	300	Physical Geography and Geology	...	...	...	300
Arithmetic and Algebra	...	...	300	† Drawing				
Geometry	...	...	300	† Theory of Music				

† This subject does not count for the general honour list.

### Higher Public.

#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER OR DECEMBER, 1918.

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

#### 1. ENGLISH LITERATURE.

- (a) Shakespeare. *King Lear*; ed. by D. Nichol Smith. (*Warwick Shakespeare*. 1s. 9d.).
- (b) Jones, E D. ed. *English critical essays. nineteenth century*. (*World's classics*, 1s. net.) The essays by Wordsworth, Carlyle, Ruskin, and Bagehot.

- (c) Milton. *Paradise lost*, bk. 1; ed. by M. Macmillan (*Macmillan*. 1s. 3d.), with repetition of 'If thou . . . from despair' (lines 84-191).
- (d) Wordsworth. *The patriotic poetry of William Wordsworth: a selection; with introd and notes by A. H. D. Ackland* (*Clar. Pr.* 1s. net), with repetition of 'Milton! thou shouldst be living' (p. 73), 'When looking on the present face of things' (p. 89), 'Two voices are there' (p. 111), and 'We can endure' (p. 133).
- (e) Raleigh, Sir W. *Style*. (*Arnold* 5s. net).

## 2. MODERN HISTORY.

- Jose, A. W. *History of Australasia*, 5th ed. (*Angus and Robertson*. 3s. 6d. net.)
- Morgan, R. B. and Kitchener, E. E. eds. *Readings in English history from original sources*, bk. 4, 1688-1837. (*Blackie*. 2s. 6d.)
- Warner, G. T. and Marten, C. H. K. *Groundwork of British history*, section 3, 1714-1911. (*Blackie*. 2s. 6d.)

## 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.).

Questions will be set to test knowledge of the original languages, but candidates may be allowed to pass if the two last-named books are read in English translation only. English versions recommended are Jowett's Thucydides and Translation of Livy in Everyman's Library.

## 4. GREEK.

## (a) Grammar.

Naylor, H. D. *Short parallel syntax of Latin and Greek*. (*G. Hassell & Son*. 1s.) 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.

## (c) Passages for translation from Greek into English. Candidates will be required to scan iambs and anapaests. 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.) 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.

## (c) Passages for translation from Latin into English. Candidates will be required to scan elegiacs, alcaics, and sapphics. 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; arithmetical, geometrical, and harmonical progressions; 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; 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*.

## 9. GEOMETRY.

The substance of Euclid, Bks. I. to IV., VI., and XI., and the geometry of solid figures, as in Hall & Stevens's *School geometry*, pts. 1-6 (*Macmillan*. 4s. 6d.), omitting sections iv. to x. inclusive of Miscellaneous theorems and examples in Part V.

The analytical geometry of the straight line, as in Loney's *Elements of co-ordinate geometry: the straight line and circle* (*Macmillan*. 3s. 6d.), ch. i.-iv., vi.

## 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 presentation 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.

\*Platinum wire and foil will not be supplied to candidates at the practical examination.

#### 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.

This course is intended to provide a general introduction to the elementary facts concerning the structure, life processes, and reproduction of living organisms. The theoretical paper will be divided into two parts, A and B, but a separate practical examination will be held in each section of the subject.

##### A. PLANTS.

- (a) The general structure, physiology, and life history of *Haemato-coccus*, *Spirogyra*, *Saccharomyces*, and bacteria. The outlines of the reproduction and life cycle of the fern and the pine.

- (b) The structural botany of the dicotyledonous plant as illustrated by an herbaceous and a woody type. The flower of *Ranunculus*, *Lathyrus*, and *Lilium*. Pollination, fertilization, and development of the seed and fruit. Germination of the wheat and broad bean.
- (c) General outlines of the physiology of nutrition, respiration, secretion, growth, and irritability. Elements of reproduction, heredity, variation, and evolution.
- (d) The phenomena of saprophytism as illustrated by *Saccharomyces*, *Mucor*, and bacteria, of parasitism as illustrated by *Puccinia*. Pathology of the organism.

## Text-books :

No one text-book can be recommended as covering the whole syllabus. D. H. Scott's *Introduction to structural botany*, 2 vols. (*Black*. 7s.) will be found useful. J. B. Farmer's *Plant life* (*Home univ. lib.* 1s. net) is especially valuable in presenting the subject from the biological standpoint.

## Book for reference :

Strasburger's *Text-book of botany*, ed. by W. H. Lang (*Macmillan*. 18s.), latest edition.

## B. ANIMALS.

- (a) The fundamental facts of animal morphology and physiology as illustrated by the following types: *Amoeba*, *Vorticella*, *Hydra*, Fresh-water mussel, Crayfish, Frog;
- (b) The histological characters of the blood, epidermal and connective tissues, cartilage, bone, muscle, and nerve in the vertebrata.

## Text-books recommended :

Parker, T. J. *Lessons in elementary biology*. (*Macmillan*. 10s. 6d.).

Such parts as refer specifically to the types mentioned, together with Lessons vi., ix., xiii., and xvii.

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

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. 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.

#### 14. BOTANY.

##### (a) THEORETICAL.

- i. General outline of the morphology and anatomy of dicotyledons, monocotyledons, gymnosperms (e.g. Pinus);
- ii. Elementary physiology and oecology of plants;
- iii. The structure and life history of selected cryptogamic types: Haematococcus, Spirogyra, Vaucheria, Hormosira, Cystopus, Eurotium, Saccharomyces, Mucor, Puccinia, Agaricus, Polytichum, Marchantia, Pteris, 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.

##### (b) 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-books :**

No one text-book can be recommended as covering the whole syllabus. In addition to that recommended for the Senior, D. H. Scott's *Introduction to structural botany*, 2 vols. (*Black. 7s.*) will be found useful. J. B. Farmer's *Plant Life* (*Home univ. lib. 1s. net*) will be found valuable in presenting the subject in its biological aspect.

**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. A knowledge of the larger features of South Australian geology.

Text-book recommended :

Howchin, W. *Geology of South Australia, divisions 1 and 2*, exclusive of the sections devoted to the geology of the other Australian States.

SCALE OF MARKS FOR GENERAL HONOUR LIST.

English Literature	... ..	300	Geometry	... ..	300
Modern History	... ..	300	Applied Mathematics	... ..	300
Ancient History	... ..	300	Physics	... ..	300
Greek	... ..	300	Chemistry	... ..	300
Latin	... ..	300	Biology or Botany	... ..	300
French	... ..	300	Physiology	... ..	200
German	... ..	300	Physical Geography and Geology	...	200
Algebra and Trigonometry	... ..	300			

ENGLISH ESSAY FOR BURSARY AND ANGAS ENGINEERING  
EXHIBITION CANDIDATES ONLY.

An essay, for which two hours will be allowed, will be set for candidates for the Government bursaries and for the Angas Engineering Exhibition only.

English Essay ... .. 100

**Junior Commercial**

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER,  
1918.

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

1. ENGLISH LITERATURE.

As for English Literature in the Junior Public Examination in the same year.

2. COMMERCIAL ARITHMETIC.

Theory and practice of the processes of general arithmetic; short methods in multiplication and division; short methods in mental arithmetic, including multiplication, division, prices of articles, practice, interest, and discount; addition of long totals and cross totals, simple and compound; fractions and decimals; approxima-

tions, 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.

- (a) General principles of industrial geography, particularly with reference to the physiographic conditions which affect the distribution, production, and exchange of commodities.
- (b) Such materials of commerce as enter into South Australian trade. (Teachers are advised to consult the *Statistical Register of South Australia*, pt. 4; *Interchange*. S.A. Govt. Printer. 2s. 6d.)
- (c) The industrial geography of South Australia. [Copies of a detailed syllabus may be obtained on application to the Secretary to the Board.]
- (d) The more important facts of the industrial geography of the United Kingdom, Germany, France, Belgium, Netherlands, Scandinavia, Italy, United States of America, Canada, Argentina, India, Ceylon, East Indies, Straits Settlements, Japan, China, and the South African Union, with special reference to South Australian trade and conditions. Howarth and Taylor's *The World and Australasia* (Oxford geographies, 3s. 6d.) may be taken as a general guide, but it contains too much topographical detail, and on the side of interchange it will need to be supplemented by such Australian references as may be found in the South Australian *Statistical register*. Australasia as in Taylor's *Geography of Australasia* (Clar. Pr. 1s. 6d.).

### 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.

(*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.)

- 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, statistical table, or other printed matter, 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, South Australian School of Arts and Crafts.

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 ... .. 200	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.**

SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1918.

1. COMMERCIAL ARITHMETIC.

As for the Junior Commercial Examination, and in addition : the use of common logarithms and logarithmic tables ; equation of payments ; the application of logarithms to problems of compound



interest and annuities ; duodecimals ; foreign exchange and foreign bills of exchange ; statistics ; the areas of rectilineal figures, circles, spheres, and cones ; the volumes of prisms, cones, pyramids, and spheres.

Text-books recommended :

Jones, H. S. *Modern arithmetic, pts. 1 and 2.* (Macmillan, 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 :

Porritt, 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 distribution, production, and exchange of commodities, with special emphasis on the social and political factors. A general view of the extractive, agricultural, manufacturing, commercial, and transport industries, and of their development. The analysis and interpretation of statistics, and the use of the various graphical methods of presentation.
- (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.)

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*; and there is a series published by Messrs. G. Bell & Sons, at one-shilling net, called *English history source books*.

The following works may be consulted by teachers:

Day, C. *History of commerce.* (Longmans. 7s. 6d. net.)

Meadows *English industrial history.* (Bell. 1s. 6d.)

Bland, Brown, and Tawney. *English economic history: select documents.* (Bell. 6s.)

#### 5. ECONOMICS.

McKillop and Atkinson. *Economics, descriptive and theoretical* (Allman. 3s. 6d.), omitting chapters on poor rate and education rate.

Teachers will be expected to adapt this book, as far as possible, to Australian conditions. For this work the following books are recommended:

*Commonwealth yearbook*: the sections on industrial legislation and industrial unionism, commonwealth and state finance, labour and industrial statistics.

Atkinson. *Trade unionism in Australia.* (Workers' Educational Assoc. of N.S.W. 1s. 6d.)

- 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. SHORTHAND.

All candidates will be required to take a passage of average difficulty for five minutes at the rate of 140 words per minute; but for candidates who desire to gain a credit a further examination will be held, when a passage at rate of 160 words per minute will be dictated. Candidates must hand in their notes and a longhand transcript.

*(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.)*

#### 17. 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 .. ..	300
Economics ... ..	300	Inorganic Chemistry ... ..	300
English Literature ... ..	300	Botany ... ..	300
French ... ..	300	Physical Geography and Geology	300
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.

For awards see page 284.

*\*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, 1917.**

1. Doroh, Ida Margarete (Tormore House).
  2. Campbell, Douglas (Unley District High School).
  3. Pick, Hector (Christian Brothers' College, Adelaide).
- 

**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, 1917.**

1. Gross, Klem Bassett (Collegiate School of St. Peter).
  2. Dawbarn, Mary Campbell (Methodist Ladies' College).
  3. Thyer, Frederick Lewis (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, 1917.**

Marrett, Lorna Liggett (Norwood District High School).

**SENIOR COMMERCIAL EXAMINATION.****Scholarship.**

A Scholarship is awarded annually to the most distinguished candidate in this Examination provided he is of sufficient merit and under nineteen years of age on the 1st of December in the year in which the Examination is held. The Scholarship is awarded on the aggregate of marks in not more than seven subjects, and entitles the holder to exemption from the payment of fees for lectures and examinations in all subjects prescribed for the Diploma in Commerce.

**Awards.**

- 1909—Williamson, Roy Cleveland (Prince Alfred College).
- 1910—French, David George (Prince Alfred College).
- 1911—Martin, Colin Walter (Muirden College).
- 1912—Battye, Ross (Prince Alfred College).

(This has now been discontinued.)

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# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1918.

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## PART IV.

### Public Examinations in Music.

**The Universities of Melbourne, Adelaide, Queensland,  
Tasmania, and Western Australia, and the State  
Conservatorium of Music of New South Wales.**

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#### 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.

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SCHOLARSHIPS, SEE PAGE 381.

FOR LOCAL CENTRES AND OFFICERS SEE PAGE 34.

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 383.



## PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC.

### REGULATIONS.

- I. Public Examinations in the Theory and Practice of Music shall be held in the City of Adelaide and at such Local Centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.
- II. Candidates shall be admitted to the Examinations without restrictions as to age or sex.
- III. The Faculty of Music, or some other body to be duly constituted, shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the Examinations, appoint Examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the Examiners, the fees and charges to be paid by candidates for the Examinations, and settle other details incidental to the holding of the Examinations.
- IV. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January in each year.

*Allowed 8th August, 1906.*

**NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.**

## PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS

## REGULATIONS.

- I. Two scholarships, each tenable for three years, one exempting the holder from payment during the tenure thereof of fees for tuition and examination for the Degree of Bachelor of Music, and the other exempting the holder from payment during the tenure thereof of fees for tuition and examination for the Diploma of Associate in Music, shall be offered annually at the Public Examinations in music held in South Australia and Broken Hill in September.
- II. Candidates who obtain Honours in Grade I. or Grade II. in Theory shall be eligible to compete for the scholarship tenable for the Degree course, and candidates who obtain Honours in Grade I. or Grade II. in Practice of Music shall be eligible to compete for that tenable for the Diploma course. Each scholarship shall be awarded on the results of a special examination to be held in November each year. Provided, however, that :
- (a) No candidate who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium shall be eligible to compete.
  - (b) A scholarship shall not be awarded a second time to the same candidate for the same subject.
  - (c) No person shall hold more than one of these scholarships at the same time.
- III. If the examiners in either case report that no candidate is of sufficient merit, the scholarship shall not be awarded. In the event of only one candidate being eligible for any scholarship, the Council may, at their discretion, on the recommendation of the Examiners, dispense with the special examination.
- IV. Every holder of a scholarship tenable for the degree of Bachelor of Music shall, each year, pass the examination prescribed for that degree, and every holder of a scholarship tenable for the Diploma of Associate in Music shall, during each year of its tenure, pass the examination prescribed for that Diploma.

Failure to pass any such examination shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

*Allowed 30th November, 1916.*

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### AWARDS.

For previous Awards, see Calendars from 1910.

- 1914 { Joyce, Hilda Barton (Theory).  
Alexander, Mary (Practice).
- 1915 { Ward, Evelyn (Theory).  
Levasseur, Kate (Practice).
- 1916 { Chaplin, Erica Rita Ina (Theory).  
Riedel, Melita (Practice).
- 1917 { Meegan, Kathleen Mary (Practice).  
Theory—not awarded.
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## 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," "Pédal," 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 1918 will be confined to the subject of Pianoforte Playing.

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1918.

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## PART V.

ANNUAL REPORT.

BALANCE SHEETS.

PASS LISTS.

LETTERS PATENT.

ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE

# ANNUAL REPORT FOR THE YEAR 1917.

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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.

The Council of the University of Adelaide has the honour to  
present to your Excellency the following Report of the University  
for the year 1917.

## I. THE COUNCIL AND THE SENATE.

The Council elected Professor Mitchell as Vice-Chancellor for  
the second time on November 30th.

The Senate re-elected Mr. Frederic Chapple, C.M.G., as its  
Warden and Mr. T. A. Caterer, B.A., as its Clerk.

In November the Rev. Dr. Jefferis resigned his seat on the  
Council. Mr. Chapple, Professor Ennis, Miss Helen Mayo,  
Professor Mitchell, and Dr. Poulton ceased, by effluxion of time,  
to hold office as members of the Council, but were re-elected  
by the Senate on November 28th. Mr. Caterer was on the  
same day elected to fill the vacancy caused by the resignation of  
Dr. Jefferis. Dr. Jefferis, to the deep regret of the Council,  
died on Christmas Day. He was one of the original members  
appointed by His Excellency the Governor in 1874 and remained  
a member until 1877. For some years he was absent from the  
State, but in 1895 he was re-elected to the Council and held office  
continuously until November, 1917. It was largely due to Dr.  
Jefferis that the sum of £20,000 given by Sir. W. W. Hughes  
in 1872 for the purpose of founding a theological college was  
devoted to the establishment of a University.

During the year the Chancellor has been honoured by appoint-  
ment as a Knight Commander of the Most Distinguished Order  
of St. Michael and St. George, and the honour of knighthood has  
been conferred on Professor E. C. Stirling, C.M.G., F.R.S. Two  
other members of the Council, who are on active service, have  
received distinctions, namely, Lieut.-Col. W. T. Hayward, those  
of C.M.G., and O.B.E., and Lieut. W. J. Denny, that of the  
Military Cross.

During the year the Order of the British Empire was instituted for services to the Empire. The honour of Companion was conferred on Professor W. H. Bragg, F.R.S., and on Miss Dorothea Proud, D.Sc.; that of Officer on Dr. W. T. Hayward and Dr. L. O. Betts.

## II. THE STAFF.

During the year four of the lecturers in the Faculty of Medicine, in addition to Dr. Hayward, received distinctions for their war service, viz., Lieut.-Colonels de Crespigny, H. S. Newland, and H. M. Downey, the Distinguished Service Order; and Major Cavenagh-Mainwaring, the Silver Eagle of Servia.

Additional leave of absence for service abroad was granted to the following members of the teaching staff, viz., Drs. W. T. Hayward, C. T. C. DeCrespigny, T. Wilson, H. S. Newland, W. R. Cavenagh-Mainwaring, and M. H. Downey, Sir Douglas Mawson, Mr. E. V. Clark, and Mr. H. W. Gartrell.

The undermentioned acted on their behalf: Dr. F. S. Hone for Dr. Hayward; Dr. W. Ray for Dr. de Crespigny and Dr. Cavenagh-Mainwaring; Dr. J. B. Gunson for Dr. Wilson; Dr. H. Gilbert for Dr. Newland; Dr. J. C. R. Lind for Dr. Downey; Dr. E. O. Teale for Sir Douglas Mawson; Professor Grant, Mr. P. Motteram, and Mr. W. W. Hurst for Mr. Clark; Professor Chapman, Mr. F. W. Reid, Mr. A. J. Brooks, and Mr. G. F. Sharp for Mr. Gartrell.

In consequence of the War the appointment of a Professor of Law was postponed and the following additional lecturers were appointed:—Mr. T. J. M. Napier, in Constitutional Law; Mr. R. N. Finlayson, in Roman Law; and Mr. A. J. Hannan, in Theory of Law and Legislation.

Professor Grant was appointed a member of the State Patents Investigation Board; Mr. Heaton was appointed to represent the University on the Council of the Chamber of Commerce; the Hon. F. S. Wallis and Professor Chapman represented the University at the Town Planning Conference held in October.

Professor Henderson and Professor Stirling were re-elected by the Council to represent the University on the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, and Dr. B. Poulton was re-elected to represent the University on the Board of Management of the Adelaide Hospital.

The following appointments were made during 1917:—Mr. H. Heaton, M.A., M.Com., to be Lecturer in Economics and Director



of Tutorial Classes in connection with the Workers' Educational Association; Mr. John Crampton, B.A., to be Lecturer in the French language in the University and Teacher of French in the Elder Conservatorium; Miss Marjorie Collins, B.Sc., to be Demonstrator in Botany; and Mr. Harold Wylde, F.R.C.O., to be Teacher of the Organ. Mr. Gerald Walenn, of London, who had been appointed Teacher of Violin in the Elder Conservatorium arrived in June and at once entered upon his duties.

### III. FACULTIES AND BOARDS.

The total number of undergraduates was 309, and there were 10 Bachelors of Arts studying for 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 217 non-graduating students. Of these, 12 attended from the School of Mines and 44 from the Pharmaceutical Society.

The number of undergraduates studying for the B.A. Degree was 128.

The number of undergraduates studying for the B.Sc. Degree was 20, and for the B.E. Degree 29.

The number of undergraduates studying for the LL.B. Degree was 40, and, in addition, 2 non-graduating students were studying for Final Certificates in Law, to enable them to practise in the Supreme Court.

The number of undergraduates studying for the M.B. Degree was 84. Fifteen completed the first year's course, 16 the second, 15 the third, 16 the fourth, and 15 the fifth.

The number of undergraduates studying for the Mus. Bac. Degree was 8, of whom 2 completed the first year course and 1 the second.

Elementary classes in Dentistry and Massage were held, and seven students attended.

Evening Classes were held in the following subjects:—Physics (1st year), Inorganic Chemistry, Biology, English History, Latin, Psychology, Education, Logic, Philosophy, Ethics, Pure Mathematics (First and Second Year), Accountancy, Business Practice, Commercial Law, Economics.

The number of students taking the course for the Diploma in Commerce was 72.

## IV. ELDER CONSERVATORIUM.

The number of students attending the Elder Conservatorium was 292, of whom 42 were proceeding with the course for the Diploma of Associate in Music.

During the year nine public concerts were given, in addition to the monthly Recital Concerts. Shortly after his arrival Mr. Walenn gave a public violin recital in which he was assisted by the Director. At the second Chamber Music concert the Director adopted the form of a lecture concert. This was highly appreciated, and will be continued.

## V. PUBLIC EXAMINATIONS.

At the special Senior Public Examination in March, 24 candidates presented themselves, and 19 passed in various subjects.

At the Primary Public Examination there were 287 candidates, of whom 157 received certificates; at the Junior Public Examination 1,040 candidates, of whom 472 passed in five or more subjects and 488 in fewer than five; at the Senior Public Examination in November 797 candidates, of whom 225 passed in five or more subjects and 462 in fewer than five; at the Higher Public Examination 185 candidates, of whom 141 passed in various subjects.

At the Junior Commercial Examination in November, 202 candidates presented themselves, of whom 53 passed in the five compulsory subjects and 139 in fewer than five subjects. At the Senior Commercial Examination there were 22 candidates, of whom seven passed in the five compulsory subjects and 13 in fewer than five.

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.

The Public Examinations in Music held under the auspices of the Universities of Melbourne, Adelaide, Queensland, Tasmania, and Western Australia show an appreciable increase in the number of entrants.

Public Examinations in Theory and Practice of Music were held in May and September. Professor Laver (of Melbourne) and

Professor Ennis examined in Theory of Music, while Professor Laver, Professor Ennis, and Mr. I. G. Reimann examined in Practice. The results were:—

Theory of Music, 159 entered, and 128 passed, 12 with honours.

Practice of Music, 375 entered, and 305 passed, 35 with honours.

Scholarships were awarded to Erica Rita Ina Chaplin and Melita Riedel.

## VI. THE UNIVERSITY AND THE WAR.

Professor Rennie, Dr. Cooke, Mr. H. H. Finlayson, and Mr. W. W. Hurst have been appointed by the Advisory Council of Science and Industry a Special Committee to make a thorough investigation into the nature of Xanthorrhoea Resin with a view to its further utilization. Some important results have been obtained but the investigation will require time.

Three members of Council, one Professor, 12 Lecturers, 177 Graduates, 161 Students, 8 Rhodes Scholars, and 5 members of the administrative staff, have taken up active service either at home or abroad.

Of these 359 members and students of the University, 5 have been mentioned in despatches, 3 have been awarded the Military Medal, 15 the Military Cross, and one the Victoria Cross, viz., Captain A. S. Blackburn, LL.B. Five have received the honour of D.S.O. and one that of C.M.G. for war services. Thirty-five have been killed in action, viz.,

*Graduates.*—B. B. Bayly, B.Sc., M.C., W. G. Bell, B.Sc., C. B. Burden, M.B., B.S., P. C. A. Fornachon, B.A., B.Sc., J. Gilbert, B.Sc., J. L. Gordon, LL.B., G. A. Harvey, M.B., B.S., C. W. Hooper, B.Sc., R. B. Lucas, M.B., B.S., R. G. McKail, B.Sc., J. B. Mills, LL.B., and H. E. Moody, LL.B.

*Students.*—H. E. S. Armitage, C. E. Bagot, J. W. Blacket, E. O. A. Bruns, G. L. Crossman, G. C. Davies, J. N. Davies, S. S. Day, V. K. Dickinson, O. R. Gard, A. B. McK. Hall, E. D. Hewish, L. G. Holmes, F. S. Jeffrey, W. O. Jose, J. A. W. Kayser, G. H. Leaver, C. R. McLaren, G. A. Munro, E. B. Olifent, C. S. Padman, G. de Q. Robin, and G. Wheaton.

## VII. PUBLIC LECTURES.

Owing to the war the usual system of extension lectures was not carried out. Professor Henderson gave a public lecture on "Australian National Development and Imperial Unity," at Adelaide and in sixteen country centres. As before, he has given the whole of the proceeds to the patriotic funds. He also published his lectures of 1916 and the total sum presented to the funds has been £173 18s. 11d.

Five public lectures were given on "The Development of the Resources of South Australia by an Efficient Application of Science to Industry, and on the service of the University to that end." Lady Galway opened the course with a lecture on "The Place of Modern Languages." The heads of Government Departments, viz., Mr. A. J. Perkins, Mr. L. Keith Ward, and Dr. W. A. Hargreaves, dealt with "Agriculture," "Geology and Mining," and "Chemical Research," respectively, and the Vice-Chancellor with "The Function of the University." When Mr. Goodman returns and adds his lecture on "Engineering," the series will be published as a book.

A special course of 30 Evening Lectures on "The Strength of Materials," accompanied by practical demonstrations in the Testing Laboratory, was given by Professor Chapman.

## VIII. DEVELOPMENTS.

The chief development of the year has been the institution of Tutorial Classes for members of the Workers' Educational Association. A Board for the direction of the classes, called the Joint Committee, has been added to the number of University Boards. Five classes have been organised. Each tutorial class before its full institution is preceded by a preparatory one of twelve meetings. If thereafter twenty-four students sign a guarantee to attend and work for a further period of two years and a half, the full tutorial class is established. The Joint Committee provides a tutor and supplies a library for each class. Mr. Heaton has two classes in Economics, and one on The Modern State; Professor Naylor has undertaken a class in English Literature; and Miss Jackson a class in Psychology. It is expected that developments will be made in country towns next year; the difficulty is to secure tutors who have knowledge, ability, and time, as well as sympathy.

Partly to house the tutorial classes, but also to meet the long-standing request for adequate accommodation, the Government adapted and furnished a portion of the old Police Barracks to

which there is access from the University grounds. Other temporary extensions are required, but it is hoped that permanent additions will ultimately be provided.

#### IX. PUBLICATIONS.

A bibliography for 1917 of publications by members of the Staff and by research students is appended to this Report.

#### X. ENDOWMENTS AND GIFTS.

The sum of £740 collected by public subscription has been paid to the Council for the purpose of founding scholarships in memory of Mr. Eugene Alderman, formerly Teacher of Violin in the Elder Conservatorium. The first scholarship will be offered early in 1918.

In addition to the usual exchanges and gifts from other Universities, learned societies, government departments, and publishers, and to the annual grant by the S.A. Branch of the British Medical Association of £50 for the purchase of medical works, the library is specially indebted for gifts of books to Mr. J. T. Hackett, Mr. R. J. Hawkes, and Dr. Lendon.

A Michell thrust-bearing, carrying a heavy fly wheel and suitable for the experimental investigation of the losses due to friction, has been presented to the Engineering Department by the inventor, Mr. H. G. M. Michell, M.C.E., of Melbourne. A valuable set of plans of South Australian bridges has also been presented by the Engineer for Roads and Bridges.

The Orient Steam Navigation Company again generously offered two free first-class return passages to students nominated by the University who might be going to Europe for the purpose of continuing their studies, but in consequence of the war no applications from students were received.

The Pharmaceutical Society of South Australia forwarded its thirteenth donation of seven guineas, to be applied to any purpose the Council might deem desirable.

#### XI. STATUTES AND REGULATIONS.

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

##### NEW STATUTES.

Chapter XXV., "Miscellaneous." New Clause 8 requiring declaration of loyalty to the British Throne and Empire to be signed by all students.

## STATUTES AMENDED.

Chapter XIII., "Of the Angas Engineering Exhibitions." Final clause of Section XII. repealed.

Chapter XIV "Of the John Howard Clark Prize." Title and Clause 5 repealed and new title and clause substituted.

Chapter XXII., "Of the Hartley Studentship." Clause 2 repealed and new clause substituted.

Chapter XXXVI., "Of the John Creswell Scholarships." Clause 7 repealed and new clause substituted.

Chapter XXXVII., "Of the Alexander Clark Memorial Prize." Repealed and new chapter substituted.

## REGULATIONS AMENDED.

"Of the Degree of Doctor of Medicine," Clauses 1 and 2 repealed and new clauses substituted.

"Of the Degree of Master of Surgery," Clause 2 repealed and new clause substituted.

"Of the Elder Scholarships," Regulations repealed and new regulations substituted.

"Of the Higher Public Examination," Economics added to subjects in Regulation II. Clause 5 of Regulation V. repealed and new clause substituted

"Of the Senior Public Examination," (a) Economics added to subjects in Regulation I., (b) Regulations II., III., & VIII. repealed and new regulations substituted.

"Of the Junior Public Examination," Regulations I., III., and VIII. repealed and new regulations substituted.

"Of the Senior Commercial Examination," Regulations I. and III. repealed and new regulations substituted.

"Of the Junior Commercial Examination," Regulations I., III., and IX. repealed and new regulations substituted.

## XII. ADMISSION TO DEGREES AND DIPLOMAS.

At a special congregation on July 9th, the undermentioned were admitted to Degrees :—

*Degrees of Bachelor of Medicine and Bachelor of Surgery :*

Bean, Alan Reid  
 Beare, Frank Howard  
 Broadbent, Eric Elihu  
 Cairns, Hugh William Bell  
 Davies, Harold Whitridge

Gault, Arthur Kyle  
 Gillen, John Besley  
 Hall, Norman Bruce  
 Kendrew, George Harry  
 Lendon, Guy Austin  
 Moore, Brian Formby  
 O'Neil, Sydney  
 Rolland, James Alexander  
 Symons, Eric Lindsay  
 Webb, John Newton

*Degree of Bachelor of Engineering and Diploma in Applied Science:*

Smith, Raydon Berry

At the Commemoration on December 12th, the practice of having an annual address was revived. The address on this occasion was given by Professor Rennie, who chose as his subject "The importance of Chemistry in connection with the War."

The undermentioned were admitted to Degrees:—

*Degree of Doctor of Laws:*

Browne, Thomas John, LL.B.

*Degree of Bachelor of Laws:*

Burns, Leonard James  
 Skewes, Edward Foster  
 Waterhouse, Arthur Greaves

*Degree of Doctor of Medicine:*

Ashby, Ivan Edwin, M.B., B.S.

*Ordinary Degree of Master of Arts:*

Heyne, Laura Olga Hedwig, B.A.  
 Moyle, Sidney, B.A.

*Honours Degree of Bachelor of Arts:*

Mander, Linden Alfred

*Ordinary Degree of Bachelor of Arts:*

Canney, Richard Francis  
 Carr, Emma Lucy  
 Godlee, Margery Rebecca  
 Hawken, Doris Marguerite  
 Munn, Bertha Helen Temple  
 Newman, Kathleen Mary  
 Sarre, Vera Georgina  
 Wainwright, John William  
 Wall, Kathleen May

*Honours Degree of Bachelor of Science :*

Hurst, Walter William

*Ordinary Degree of Bachelor of Science in Forestry :*

Kessell, Stephen Lackey

*Degree of Bachelor of Engineering and Diploma in Applied Science :*

Hutcheson, George Ian Dewart

McDonald, Cyril George Hugh

The Diploma in Commerce was granted to—

Cant, Leonard George

Moyle, John Ewart

Tassie, Eric Harry

Williams, John Carter

The Diploma of Associate in Music was granted on December 3rd to:—

Alexander, Mary Vera  
 Brown, Kathleen Mary  
 Hogon, Eileen Margaret  
 Howard, Winifred Jean  
 James, Vida Margretta

Martin, Thelma Dorothy  
 Meegan, Kathleen Mary  
 Simcock, Hilda May  
 Wall, Myrtle Trilby  
 Whittington, Clytie Myrtle

## XIII. ACCOUNTS.

An abstract, duly audited, of the income and expenditure during the year 1917 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 1917.

Signed on behalf of the Council,

G. J. R. MURRAY,

Chancellor.

Adelaide,

January 25th, 1918.



BIBLIOGRAPHY FOR 1917

OF PUBLICATIONS BY

UNIVERSITY STAFF AND RESEARCH STUDENTS.

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R. W. CHAPMAN, M.A., B.C.E., *Lecturer in Mathematics*, 1889-1906; *Professor of Engineering*, 1907-10; *Elder Professor of Mathematics and Mechanics*, 1910-

Tables for the setting out of Transition Curves of all Lengths, *S. Aust. Inst. of Engineers. Biennial Proc.*, 1916-17, II., pp. 8, and 9 tables.

W. T. COOKE, D.Sc., *Lecturer in Chemistry*, 1906-

The Iodine and Bromine Content of a Sample of Water from Lake Gairdner. *Trans. Roy. Soc. S. Aus.*, XLI., pp. 39-40, 1917.

H. H. CORBIN, B.Sc., *Lecturer in Forestry*, 1912-

1. Working Plan of the Forest of Kuitpo, South Australia, *Dept. of Forestry, Univ. of Ad., Bull.* 4, pp. 1-21, 3 diagr., 4 plans (3 in color). 1917.
2. The Necessity of Adequate Forests in South Australia. *Ibid. Bull.* 5, pp. 7. 1917.

KERR GRANT, M.Sc., *Acting Professor of Physics*, 1909-10; *Professor of Physics*, 1911-

Observations on the Actinic Value of Sunlight during Solar Eclipse. *Monthly Notices, Roy. Astronomical Soc.*, Jan., 1917 (with R. S. Burdon).

J. A. G. HAMILTON, B.A., M.B., *Dr. Edward Willis Way Lecturer on Gynaecology*, 1901-

1. A Fibroid Tumour of the Broad Ligament. *Med. Journ. of Aus.*, 13th Jan., 1917. 4th yr., i., pp. 28-29.
2. The Symptoms, Prophylaxis, and Treatment of Toxaemia of Pregnancy. *Ibid.*, 24th November, 1917. 4th yr., ii., pp. 431-437.

G. C. HENDERSON, M.A., *Professor of Modern History and English Language and Literature*, 1902-

The British Navy at War. Adelaide: G. Hassell and Son, 1917. 8vo., pp. i.-xi, and pp. 1-111.

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

Notes on the Remarkable Hailstorm near Adelaide, on May 12th, 1917. *Trans. Roy. Soc. S. Aus.*, xli., pp. 323-332, p. xvi., 1917.

WILFRID OLDHAM, B.A., *Tinline Scholar for 1914*.

The Land Policy of South Anstralia, 1830-1842. *Historical compilations based upon the study of original documents. Printed for the Board of Governors of the Public Library, etc., of S. Aus.* Adelaide: G. Hassell and Son, 1917. [pp. i.-ix and 1-118. One map.

A. M. MORGAN, M.B., B.S., *Dr. Charles Gosse Lecturer on Ophthalmic Surgery*, 1910-

1. Notes on the Food and Temperatures of Cormorants, *S. Aus. Ornithologist*, III., pp. 75-78. 1917.
2. Birds on the River Murray, *Ibid.*, III., pp. 99-109, 1917.

T. G. B. OSBORN, M.Sc., *Professor of Botany*, 1912-

1. *Solanum rostratum*—a new weed. *Journ. Dept. Agr., S. Aust.* 1917. xx., pp. 783-784. 1 fig.
2. Potato wilt—report to Dept. Agr. *Ibid.*, 1917. xx., pp. 864-865.
3. Official Plants. *Ibid.*, 1917. xx., pp. 980-981.

WILLIAM RAY, B.Sc., M.B., B.S., *Tutor in Medicine*, 1915-

Rectal Anaesthesia. *Med. Journ. of Aus.*, 13th Jan., 1917. 4th yr., i., pp. 29-30.

E. H. RENNIE, M.A., D.Sc., *Angas Professor of Chemistry*, 1884-

The Importance of Chemistry: Annual Address at Commemoration, December 12th, 1917. Adelaide: J. L. Bonython & Co. Pp. 22, 1917.

R. S. ROGERS, M.A., M.D., CH.M., *Lecturer in Forensic Medicine*, 1914-

Addition to the Orchidaceous Plants of South Australia, *Trans. Roy. Soc. S. Aus.*, xli., pp. 342-343, pl. xvii., 1917.

HARRY SWIFT, M.D., M.R.C.S., *Lecturer on the Principles and Practice of Medicine and Therapeutics*, 1915-

1. Notes on a Case of Systemic Blastomycosis: Blastomycotic Cerebro-spinal Meningitis. *Med. Journ. of Aus.*, 29th Sept., 1917. 4th yr., ii., pp. 265-267, 1 fig. (with L. B. Bull).
2. A Case of Progressive Lenticular Degeneration. *Ibid.*, 13th Oct., 1917. 4th yr., ii., p. 310.

J. C. VERCO, M.D., F.R.C.S., *Lecturer on the Principles and Practice of Medicine and Therapeutics*, 1887-1915-

1. Romance in Medicine, III., Bacilli and Immunity. (Extension Lecture, University of Adelaide). *Med. Journ. of Aust.*, 6th Jan., 1917. 4th yr., i., pp. 1-7.
2. Myxoedema of twenty years' Duration, commencing in a Child of Nine. *Ibid.*, 3rd February, 1917. 4th yr., i., p. 102.
3. Cirrhosis of Haemochromatosis, or Bronzed Diabetes. *Ibid.*, 17th Feb., 1917. 4th yr., i., pp. 140-142.
4. Hints on Life Assurance. *Ibid.*, 24th February, 1917. 4th yr., i., pp. 155-159.
5. Presidential Address: Ann. Meet. S.A. Br. B.M.A. *Ibid.*, 14th July, 1917. 4th yr., ii., pp. 21-25.
6. An unusual case of Occupation Neurosis. *Ibid.*, 21st July, 1917. 4th yr., ii., p. 50.

E. V. CLARKE, B.Sc., *Lecturer in Electric Engineering*. 1910-  
Liquid Air. *S. Aus. Inst. Engineers. Biennial Proc.*, 1916-17. II.

R. N. FINLAYSON, LL.B., *Acting-Lecturer on Roman Law*.

Editor of "The South Australian Law Reports, 1916." Adelaide:  
W. K. Thomas & Co.

A. M. LEA, F.E.S., *Lecturer on Forest Entomology*, 1913-

1. Notes on some Miscellaneous Coleoptera, with Descriptions of New Species, Pt. III. *Trans. Roy. Soc. S. Aus.*, XLI., pp. 121-322 pls xii-xv. 1917.
2. Stomach contents of Birds. *Ibid.* XLI. pp. 466-468. 1917.
3. Insecta (South Australian Museum Expedition to Strzelecki and Cooper Creeks). *Ibid.* XLI. pp. 489. 1917.

R. F. IRVINE, M.A. Professor of Political Economy in the University of Sydney; Fisher Lecturer of the University of Adelaide, 1917.

War Finance; Loans, Paper Money, and Taxation.

# Financial Statements.

1917.

## 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 ... ..	7,495	6	6			
Annual Statutory Grant ... ..	4,000	0	0			
Subsidy to Botanical Department ... ..	600	0	0			
Subsidy to Forestry Department ... ..	526	18	10			
Grant for Sewers Rates ... ..	125	0	0			
				12,747	5	4
<i>Fees—</i>						
Schools of Arts and Science, Evening Classes and Public Examinations ... ..	3,538	6	9			
School of Law ... ..	602	0	0			
School of Medicine ... ..	2,536	16	9			
School of Music:						
Mus. Bac. Course and Public Examinations in Music... ..	413	4	6			
Elder Conservatorium ... ..	2,577	15	0			
				2,990	19	6
Diploma in Commerce ... ..				203	5	0
					9,871	8 0
<i>Interest</i> ... ..					5,241	14 6
<i>Rent</i> ... ..					173	0 0

Forward

£28,033 7 10

OF ADELAIDE.

December, 1917, 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 ... ..	9,508	8	1			
<i>Other Expenses—</i>						
Additional Examiners, Supervisors, Examination Papers, Printing, etc., for Degree and Public Examinations ... ..	1,315	5	1			
Lecture Fees to School of Mines ... ..	150	18	0			
Fees to School of Design ... ..	30	0	0			
Physical Laboratory ... ..	57	10	9			
Chemical Laboratory ... ..	113	16	6			
Engineering Department ... ..	36	18	9			
Geological Laboratory ... ..	7	4	4			
Botanical Laboratory ... ..	26	15	8			
				11,246	17	2
<i>School of Laws—</i>						
Salaries ... ..	750	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc. ... ..	53	15	3			
				803	15	3
<i>School of Medicine—</i>						
Salaries ... ..	3,610	17	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, etc. ... ..	79	6	9			
Anatomical Department ... ..	59	2	9			
Physiological Laboratory ... ..	50	18	8			
				3,800	5	2
<i>School of Music—</i>						
<i>Mus. Bac. Course—</i>						
Salaries ... ..	600	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Printing, Examination Papers, etc. ... ..	34	12	10			
				634	12	10
<i>Elder Conservatorium—</i>						
Salaries ... ..	3,349	16	7			
<i>Other Expenses</i>						
Concert Account ... ..	55	14	2			
Advertising, Printing, Gas, Telephone, and Sundries	117	5	2			
Tuning Organ and Pianos ... ..	63	5	0			
Orchestra ... ..	34	3	0			
				3,620	3	11
Forward	£4,254	16	9			
				£15,850	17	7

	£	s.	d.
Brought forward	28,033	7	10
<i>Donation—</i>			
Pharmaceutical Society of South Australia	7	7	0
<i>Calendar—</i>			
Received on sale of Calendars ... ..	39	10	9
<i>Geo. Brookman, Esq.—</i>			
The "Brookman Scholarship" ... ..	20	0	0
Testing Fees: Engineering Departments (net) ...	30	11	9
Sundries ... ..	0	5	0

Forward £28,131 2 4

		£	s.	d.	£	s.	d.
	Brought forward				15,850	17	7
<i>School of Music</i> (continued)—							
	Brought forward	4,254	16	9			
Public Examinations in Music—							
Examiners' Expenses and Fees	111	8	4				
Advertising and Printing ...	39	4	6				
Sundries and Expenses Local							
Centres, etc. ... ..	35	12	4				
Scholars' Fees ... ..	80	6	6				
					266	11	8
					4,521	8	5
<i>Diploma in Commerce</i> —							
Honoraria to Lecturers ... ..		169	14	11			
Examiners' Fees ... ..		19	19	0			
Printing, etc. ... ..		15	15	8			
					205	9	7
<i>Scholarships and Prizes</i> —							
<i>Angas Engineering Scholarship</i> —							
In suspense for Scholar on							
Active Service ... ..	250	0	0				
Printing ... ..		3	11				
					250	3	11
<i>Angas Engineering Exhibition</i> —							
Paid Exhibitioner ... ..	40	0	0				
In suspense for Exhibitioner							
on Active Service ... ..	40	0	0				
					80	0	0
<i>J. H. Clark Scholarship</i> —							
Paid Scholar ... ..	20	0	0				
Printing ... ..		10	9				
					20	10	9
<i>Dr. Davies Thomas Scholarships</i> —							
Paid Scholars ... ..		20	0	0			
<i>Roby Fletcher Prize</i> —							
Paid Prizeman ... ..		10	0	0			
<i>Stow Prizes</i> —							
Paid Prizemen ... ..		60	0	0			
<i>Elder Prizes</i> —							
Paid Prizemen ... ..		20	0	0			
<i>R. Barr Smith Prize</i> —							
Paid Prizeman ... ..		10	0	0			
<i>Everard Prize</i> —							
Paid Prizeman ... ..		30	0	0			
<i>Tennyson Medals</i> —							
Engraving ... ..			8	7			
<i>Andrew Scott Memorial Prize</i> —							
Paid Prizeman ... ..		6	0	0			
<i>Tinline Scholarship</i> —							
Paid Prizemen ... ..		30	0	0			
<i>David Murray Scholarships</i> —							
Paid Prizemen ... ..		45	16	8			
	Forward	582	19	11			
	Forward				£20,577	15	7



## FINANCIAL STATEMENTS.

Brought forward	£	s.	d.
	28,131	2	4

Forward	<u>£</u>	<u>s.</u>	<u>d.</u>
	28,131	2	4

	£	s.	d.	£	s.	d.
Brought Forward				£20,577	15	7
<i>Scholarships and Prizes (continued)—</i>						
Brought forward	£582	19	11			
<i>John L. Young Scholarship for Research—</i>						
Paid Scholar ... ..	35	0	0			
<i>Hartley Studentship—</i>						
Paid Student ... ..	25	0	0			
Printing ... ..	1	1	3			
				26	1	3
<i>Brookman Scholarship—</i>						
Paid Scholar ... ..	20	0	0			
Printing ... ..	7	10				
				20	7	10
<i>Robert Whinham Prize—</i>						
Paid Prizeman ... ..	5	0	0			
<i>Alexander Clark Memorial Prize—</i>						
Paid Scholar ... ..	12	10	0			
Examiners' Fees ... ..	2	6	8			
Printing ... ..	3	1	11			
				17	18	7
<i>Archibald Mackie Bursary—</i>						
Paid Bursar's Fees ... ..	2	16	6			
<i>John Creswell Scholarship—</i>						
Paid Scholars' Fees ... ..	34	7	0			
Printing ... ..	1	1	4			
				35	8	4
<i>Bundey Prize for English Verse—</i>						
Paid Prizeman ... ..	10	0	0			
<i>Lister Prize and Medal—</i>						
Dies and Medals ... ..	20	2	0			
<i>Eric Smith Scholarship—</i>						
Paid Scholar's Fees ... ..	18	6	0			
<i>Dr. C. Gosse Lectureship—</i>						
Dies and Medals ... ..	20	2	0			
					794	2 5
<i>Registrar's Department and House Salaries</i> ... ..				2,651	19	2
<i>Senate</i> ... ..				61	4	4
<i>Stationery</i> ... ..				118	4	2
<i>Buildings—Repairs and Additions</i> ... ..				152	0	4
<i>Land Tax</i> ... ..				137	12	10
<i>Miscellaneous Expenses—</i>						
Advertising, Printing, Gas, Water, House Sundries, Auditors' Fees, Petty Cash, etc. ... ..	633	10	2			
Insurance Premiums ... ..	128	13	9			
Sewers Rates ... ..	125	0	0			
					887	3 11
<i>Trustees of the Sports Ground—</i>						
General Expenses, Annual Grant ... ..				258	7	7
Forward				£25,638	10	4

	£	s.	d.
Brought Forward	28,131	2	4

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£28,131 2 4

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## ALLOCATION ACCOUNT.

To Balance brought forward from Statement of Income and			
Expenditure ... ..	2,007	19	0

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£2,007 19 0

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F. W. EARDLEY,  
Accountant.

	£	s.	d.
Brought Forward	£25,638	10	4
<i>Joseph Fisher Lecture in Commerce—</i>			
Lecturer's Honorarium and Travelling Expenses	21	19	0
Advertising and Printing, etc. ... ..	41	9	10
		63	8
<i>Interest—</i>			
On temporary advances ... ..		49	15
<i>Calendar—</i>			
Printing ... ..		261	9
<i>Balances carried to Scholarships and other Accounts (net)</i>		109	18
<i>Balance carried to Allocation Account</i> ... ..		2,007	19
		£28,131	2
		4	

## ALLOCATION ACCOUNT.

Expended during the year on the following

Capital Accounts—

Library ... ..	£400	8	2
Apparatus and Laboratory			
Furnishing ... ..	24	10	5
Furniture ... ..	28	16	7
Electric Installation ... ..	12	9	0
		466	4

Net surplus of Income for 1917 Applied  
to Repayment of Temporary  
Advances, etc. ... ..

1,541 14 10  
£2,007 19 0

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, 1917, 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, 1917.

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

Adelaide, 22nd January. 1918.

## THE UNIVERSITY

**A***Statement Showing the Actual Financial Position*

Dr.	£	s.	d.	£	s.	d.
<b>ENDOWMENTS—</b>						
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			
Dr. Charles Gosse Lectureship ... ..	1,125	0	1			
Everard Scholarship ... ..	1,000	0	0			
Joseph Fisher (Commercial Education) ...	1,000	0	0			
Tinline Scholarship ... ..	1,000	0	0			
Right Hon. Sir S. J. Way Bequest ...	750	0	0			
S.A. Commercial Travellers' Association :						
Eric Smith Scholarship ... 650 0 0						
Archibald Mackie Bursary ... 100 0 0						
	750	0	0			
Eugene Alderman Memorial Fund ...	740	0	0			
John L. Young Scholarship for Research ...	700	0	0			
Hartley Studentship ... ..	600	0	0			
Private Contributions ... ..	600	3	0			
Botanical Laboratory (Miss Julia Stuekey)	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 Gynecology	473	1	3			
Dr. Davies-Thomas Scholarship ... ..	400	0	0			
Alexander Clark Memorial Prize ... ..	255	0	0			
Bunday Prize ... ..	200	0	0			
John Lorenzo Young Scholarship ... ..	200	0	0			
Roby-Fletcher Scholarship ... ..	160	0	0			
St. Alban Scholarship ... ..	150	0	0			
R. Barr Smith Prize for Greek ... ..	150	0	0			
Andrew Scott Memorial ... ..	115	0	0			
Tennyson Medals ... ..	100	0	0			
Lister Prize ... ..	100	0	0			
Robert Whinham Prize ... ..	84	9	6			
Tate Memorial Medal ... ..	60	0	0			
Hughes Statue Maintenance Fund ... ..	50	0	0			
	117,285	16	10			
Forward	£117,285	16	10			

## OF ADELAIDE.

*in respect to Capital as on 31st December, 1917.*

	£	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) ... ..	85,058	5	6			
In Inscribed Stock of H.M. Government of S.A. (at cost) ... ..	3,793	3	3			
In W.A. Local Inscribed Stock ... ..	2,000	0	0			
In Commonwealth of Australia War Loan...	1,893	9	3			
						117,285 16 10

Forward

£117,285 16 10

	£	s.	d.	£	s.	d.
	Brought Forward			£117,285 16 10		
<i>General Purposes—</i>						
Sir T. Elder (Endowment) ... ..	25,000	0	0			
Sundry Credit Balances :						
Lowrie Scholarships ... ..	555	0	0			
Commercial Education ... ..	500	0	0			
Workers' Educational Association ... ..	202	15	0			
Angas Engineering Scholarships ... ..	340	0	0			
Barr Smith Grant for Apparatus ... ..	167	9	4			
David Murray Scholarships ... ..	216	13	4			
John Creswell Scholarships ... ..	177	7	5			
British Medical Association ... ..	54	18	5			
Extension Lectures ... ..	3	1	1			
Tennyson Medals ... ..	15	2	5			
J. L. Young Scholarship ... ..	35	0	0			
John Lorenzo Young Scholarship ... ..	20	0	0			
Fence ... ..	20	6	5			
John Bagot Scholarship ... ..	54	4	1			
Alex. Clark Memorial Prize ... ..	2	11	3			
Adelaide School of Art ... ..	13	9				
Students' Lockers ... ..	5	3	3			
Testing Fees ... ..	4	15	0			
Hughes Statue Memorial Fund ... ..	5	0	0			
				2,380	0	9
Contributed from Income ... ..	13,809	18	3			
Reserve Fund for Pianos ... ..	1,000	0	0			
				42,189	19	0

## LAND ENDOWMENT—

## ORIGINAL GRANT BY

## H. M. GOVERNMENT—

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

Forward £205,548 2 1

	Brought forward	£	s.	d.
		£117,285	16	10
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>	3,906	14	6	
Commonwealth of Australia War Loan ...	991	5	0	
	<u>40,576</u>	7	1	

## SUNDRY ACCOUNTS—

Public Examinations in Music ... ..	54	4	8	
Treasury Loan Account ... ..	1,300	0	0	
Lister Prize ... ..	10	2	0	
Rigby, Ltd. ... ..	1	3	4	
Furniture Account ... ..	83	18	8	
Cash and other Balances:				
In Bank of Adelaide (Current Account) .. .. .	£348	11	1	
Less Cheques outstanding	250	5	6	
	<u>98</u>	5	7	
In hands of Agent-General ...	40	17	8	
In hands of the Accountant	25	0	0	
	<u>164</u>	3	3	
		<u>42,189</u>	19	0

## 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>	6	3	
S.A. Inscribed Stock (purchase money for country lands) ... ..	40,000	0	0	
		<u>46,072</u>	6	3

Forward	<u>£205,548</u>	2	1
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	£	s.	d.	£	s.	d.
Brought Forward				205,548	2	1
<b>BUILDINGS (UNIVERSITY)—</b>						
Contributed by H. M. Government ..	18,014	0	0			
Special Grant by H. M. Govern- ment (1911) ... ..	12,000	0	0			
Less expended in Fittings and Equipment (see below) ...	1,345	8	4			
	10,654	11	8			
Contributed by Private Donations ... ..	1,890	5	0			
Contributed from Income ... ..	19,214	9	8			
	49,773	6	4			
<b>SPECIAL ENDOWMENT—BARR SMITH LIBRARY—</b>						
Donations from R. Barr Smith, Esq. ...	9,000	0	0			
Interest thereon ... ..	105	19	11			
	9,105	19	11			
<b>CONTRIBUTED OUT OF INCOME towards the Equipment, etc., of the University ..</b>						
Special Donation by R. Barr Smith, Esq., for Apparatus ... ..	21,473	12	1			
Special Donation by R. Barr Smith, Esq., for Research Work... ..	510	0	0			
Portion of Government Grant of £12,000 ex- pended in Fittings, Fixtures, and Equip- ment (see above) ... ..	500	0	0			
	1,345	8	4			
	23,829	0	5			
				£288,256	8	9

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F. W. EARDLEY, Accountant.

	£	s.	d.	£	s.	d.
Brought forward				205,548	2	1
<b>BUILDINGS—</b>						
Expended on University Buildings ... ..	39,109	19	8			
Additions to Main Building for Library, etc. ... ..	7,632	10	11			
Additions to Physiological De- partment for Botanical La- boratory ... ..	3,030	15	9			
	10,663	6	8			
				49,773	6	4
<b>SPECIAL ENDOWMENT—Barr Smith Library—</b>						
Books purchased ... ..				9,105	19	11
<b>EQUIPMENT—</b>						
Library Books and Binding ... ..	8,550	13	9			
Laboratories, Material and Apparatus, and unconsumed material ... ..	5,679	13	8			
Museum Exhibits, etc. ... ..	402	18	7			
Furniture ... ..	5,616	7	2			
Organ—Conservatorium ... ..	1,541	10	11			
Installation of Electric Light ... ..	1,027	16	4			
Special Donation: Expended on Apparatus				510	0	0
Special Donation: Research Work—						
Expended on Apparatus ... ..	332	10	8			
Balance unexpended ... ..	167	9	4			
	500	0	0			
				23,829	0	5
				£288,256	8	9

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, 1917, 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, 1917. 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, 22nd January, 1918.

## STATEMENT OF ACCOUNTS OTHER THAN

DR.	£	s.	d.	£	s.	d.
<b>EXTENSION LECTURES—</b>						
Balance 1st January, 1917 ..	3	1	1			
Fees Received : Patriotic Lectures at Country Centres ... ..	173	18	11			
				177	0	0
 <b>TRUSTEES OF SPORTS FUND—</b>						
Donations to General Acct. (to date)	3,495	19	8			
“ Pavilion Acct., “	1,300	0	0			
“ Boat Shed Acct., “	750	0	0			
				5,545	19	8
 <b>BARR SMITH RESEARCH FUND—</b>						
Unexpended Balance, 1st January, 1917 ... ..				167	9	4
 <b>BRITISH MEDICAL ASSOCIATION (S.A. Branch)—</b>						
Donations to Library to 31st Dec. 1916 ... ..	400	0	0			
Donations to Library during 1917	50	0	0			
				450	0	0
 <b>TUTORIAL CLASSES: <i>Workers'</i> <i>Educational Association of S.A.—</i></b>						
Grant by H.M. Government of S.A.—				800	0	0
Received during 1917 ...				800	0	0
				£7,140	9	0

## CAPITAL AND INCOME FOR THE YEAR 1917.

CR.	£	s.	d.	£	s.	d.
<b>EXTENSION LECTURES—</b>						
Payments to Red Cross Funds	173	18	11			
Balance (unexpended) ... ..	3	1	1			
			-----	177	0	0
<b>TRUSTEES OF SPORTS FUND—</b>						
Expended on General Account	3,532	11	11			
“ Pavilion Account	1,252	14	9			
“ Boat Shed ... ..	750	0	0			
“ Lighting ... ..	10	13	0			
			-----	5,545	19	8
<b>BARR SMITH RESEARCH FUND—</b>						
Bal. (unexpended), 31st Dec., '17				167	9	4
<b>BRITISH MEDICAL ASSOCIATION—</b>						
Expended on Books .. ..	395	1	7			
Bal. (unexpended), 31st Dec., '17	54	18	5			
			-----	450	0	0
<b>TUTORIAL CLASSES : <i>Workers' Educational Association of S.A.—</i></b>						
Salaries : Director & Tutors ...	500	18	0			
Expended on Books ... ..	35	5	10			
Office Expenses, Stationery, etc.	45	17	4			
Travelling Expenses ... ..	15	3	10			
Bal. (unexpended) 31st Dec., '17	202	15	0			
			-----	800	0	0
				-----	-----	-----
				£7,140	9	0
				-----	-----	-----

THE UNIVERSITY OF ADELAIDE.

**MARCH EXAMINATIONS, 1917.**

**ORDINARY EXAMINATION FOR THE DEGREE OF  
BACHELOR OF LAWS.**

PASS LIST.

**Law of Property, Part II. (111).**

THIRD CLASS.

Pearson, Charles Mason

**Law of Contracts (112).**

None passed.

**Law of Wrongs (113).**

THIRD CLASS.

(In order of merit.)

Wallace, Norman Verschuer  
Rutter, George Lyall

**Law of Evidence and Procedure (114).**

None passed.

**Constitutional Law (115).**

THIRD CLASS.

Pearson, Charles Mason

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

PASS LIST.

FIRST YEAR.

**Physiological Chemistry.**

Hoopmann, Friedrich Wilhelm

**PHYSIOLOGY.**

Michell, Charles Francis  
Walker, William Delano  
White, Alan Hubert.

thus completing the First Year.

**SECOND YEAR.****Physiology.**

Bourke, Herbert Merwin

**Anatomy.**

Prior, William Arthur  
Wells, Clarence Gordon.

**Materia Medica.**

Pryor, William Arthur  
thus completing the Second Year.

**THIRD YEAR.****Surgery.**

McNeil, John  
thus completing the Third Year.

**FOURTH YEAR.****Surgery.**

Hall, Norman Bruce  
thus completing the Fourth Year.

**Medicine.**

None passed.

**SPECIAL EXAMINATION FOR INTENDING MEDICAL STUDENTS.****Biology.**

Fowler, George Swan Murray  
Webb, Arthur Liddon  
Welch, Arthur Walter Sydney James

**Chemistry.**

None passed.

**Physics.**

None Passed.

**SPECIAL EXAMINATION FOR THE DEGREE OF BACHELOR OF LAWS. July, 1917.****Property, Part II. (111).**

THIRD CLASS.

Selway, George

**Evidence and Procedure. (114)**

SECOND CLASS.

Selway, George

**NOVEMBER EXAMINATIONS, 1917.****EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.****Passed in Group D.**

Ashby, Ivan Edwin, M.B., B.S.

**EXAMINATION FOR THE DEGREE OF MASTER OF SURGERY**

None passed.

**EXAMINATION FOR THE DEGREE OF DOCTOR OF MUSIO, November 1917.**

Exercise presented under Regulation II of the Mus. Doc. degree approved:

Davy, Ruby Claudia Emily, Mus. Bac.

**EXAMINATION FOR THE HONOURS DEGREE OF BACHELOR OF ARTS.****History.**

FIRST CLASS.

Mander, Alfred Linden

**EXAMINATION FOR THE HONOURS DEGREE OF BACHELOR OF SCIENCE.****Chemistry.**

SECOND CLASS.

Hurst, Walter William, B.Sc.

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, 1917.

### PASS LISTS

(In alphabetical order unless otherwise stated.)

#### Greek (1).

##### FIRST YEAR.

Division I.

\*Purton, David Gabriel

Division II.

Hogan, Esmond John

Division III.

None passed.

\*Recommended for the Robert Barr Smith Prize.

##### SECOND YEAR.

Division II.

Somerville, Dorothy Christine

Division III.

Walsh, Dorothy Coumley

#### Latin (2).

##### FIRST YEAR.

Division I.

\*Kelly, William Raymond

Division II.

Harris, Dorothy Mary

Hogan, Esmond John

Leslie, Jean

Morgan, Edward James

Ranembe

Priest, Amy Grace

Rochlin, Aaron

Sparrow, Cyril Keith

\*Recommended for the Andrew Scott Prize.



## Division III.

Ingleby, Aileen Constance  
 Macghey, Mary Veta  
 Magarey, Kathleen de Brett  
 Mann, Gertrude Irene  
 Olsson, Athol Julius  
 Padget, Dora Jane  
 Parker, Mina Evelyn

Preece, William Ewart  
 Stevens, Edgar Loveday  
 Tilbrook, Jabez Percy Harold  
 Travers, John Leo  
 Tuck, Bernard Edward  
 Charles

## SECOND YEAR.

## Division I.

Cleggett, Edith  
 Somerville, Dorothy Christine

## Division II.

Walsh, Dorothy Counley

**English Language and Literature (3).**

## Division I.

Kelly, William Raymond  
 Morgan, Edward James  
 Ranembe

\*Threadgill, Bessie  
 West, Doris Marjorie

## Division II.

Batchelor, Flossie Elizabeth  
 Billing, Geoffrey Chandos  
 Hunter, Doris

Parker, Mina Evelyn  
 Traeger, Gustav Albert  
 Travers, John Leo

## Division III.

Alexander, Mary Vera  
 Berriman, Annie Stevens  
 Cawte, Frederick George Nelson  
 Clayer, Leila Doreen  
 Cresswell, James Edwin  
 Ingleby, Aileen Constance  
 Lang, Philip Roy  
 Lenihan, Catherine Agatha  
 Leslie, Jean  
 Macghey, Mary Veta  
 Magarey, Kathleen de Brett  
 Martin, William Thomas, B.A.

Nancarrow, Ewart Henry  
 Beaumont  
 Nobes, Edith Dorothy  
 Noblett, Hedley Lindsay  
 Othams, Dorothy Elizabeth  
 Pentelow, Samuel Thomas  
 Otho  
 Riddell, Matthew  
 Rochlin, Aaron  
 Rodgers, Frances Ada  
 Somerville, Mabel  
 Tregenza, Sydney Lloyd  
 Whiting, Clyde Taylor

\*Recommended for the John Howard Clark Scholarship.

**French (9).**

## FIRST YEAR.

## Division III.

Berry, Frances Winifred, B.A.  
 Harris, Dorothy Mary.  
 Menz, Anna Magdalene Augusta.

**SECOND YEAR.**

## Division I.

Godlee, Margery Rebecca.  
Hawken, Doris Marguerite.

## Division II.

Mayo, Mary Penelope, B.A.

## Division III.

Kentish, Dorothy Grace.  
Newman, Kathleen Mary.

**German (10)****FIRST YEAR.**

None passed.

**History of the United Kingdom (12).**

## Division I.

Moyle, Sidney, B.A.

## Division II.

Anderson, Gwendoline Mary.  
Gault, Masie Isabel Ogilvie.  
Harris, Dorothy Mary.

## Division III.

Adams, Frederick Penoyre  
Brazil, Jack Trapman  
Diment, William Stuart  
Hayden, Michael  
McKechnie, Elizabeth Lawson  
Olsson, Athol Julius  
Pobjoy, Alice Blake

Prince, Erica Lloyd, B.A.  
Sandery, Charles Arthur  
Sharman, Florence Mary,  
B.A.  
Simons, Raymond Payne  
Tolley, Lloyd  
Wauchope, Mavis Loreli.

**Economics (Part I.) (20).**

## Division I.

Menz, Anna Magdalene Augusta.

## Division II.

Gartrell, Francis John.  
Nicolle, Thomas Helier Sarre.  
Pitt, George Henry.  
Waterhouse, Louis David, LL.B.

## Division III.

Good, Frances Helena, B.A.  
Greenwood, Herbert  
Kentish, Dorothy Grace  
Menz, Hermann Victor  
Tilbrook, Jabez Percy Harold

**Economics (Part II.) (20.)**

Division II.

Carr, Emma Lucy

**Psychology (21).**

Division II.

Hawken, Doris Marguerite  
Mander, Linden Alfred  
Priest, Amy Grace

Division III.

Carter, Ida Jane  
Menz, Emmi  
Munn, Bertha Helen Temple  
Pobjoy, Alice Blake  
Prince, Erica Lloyd, B.A.  
Thomson, James Simpson  
Wauchope, Diosma Marie**Logic (22).**

Division II.

Mander, Linden Alfred | Thomson, James Simpson  
Ward, Harry Lancelot

Division III.

Lushey, Harold Merton | Tilbrook, Jabez Percy Harold

Recommended for the Roby Fletcher Prize in Psychology and Logic:

L. A. Mander

**Ethics (23).**

Division II.

Hewitson, Frank Beaumont  
Robinson, Samuel Foster

Division III.

Simons, Raymond Payne  
Wainwright, John William**Philosophy (24).**

Division III.

Hooper, Margaret

**Education (26).**

Division I.

Batchelor, Flossie Elizabeth  
Billing, Geoffrey Chandos  
Binns, Constance Jane  
Cox, Edith GertrudeMacghey, Mary Veta  
Threadgill, Bessie  
Traeger, Gustav Albert

## Division II.

Alexander, Mary Vera  
Cawte, Frederick George Nelson

Devonshire, Roy Vivian  
Tregenza, Sydney Lloyd

## Division III.

Anderson, Sesca Lewin, B.A.  
Berriman, Annie Stevens  
Brazil, Jack Trapman  
Chesterfield, Charles Albert  
Clayer, Leila Doreen  
Cole, Gweneth Haslam  
Coombs, Herbert Isaac  
Cresswell, Muriel Blanche  
Lillecrapp  
Crutchett, Gladys Vera  
Day, Keith Vernon  
Elford, Ellen  
Forgan, Frederick Robert  
Gent, Hazel Marjorie  
Holdsworth, Hilda Maude  
Holman, Nina  
Hunter, Doris

Lewis, Marjorie Hope  
McCaffrey, Eileen Winifred  
Muller, Winnifred Florence  
Murray, Jean Hendry  
Noblett, Hedley Lindsay  
Odgers, Gladys Edith  
Padget, Dora Jane  
Park, Helena Ursula Cuthbert,  
Polden, Leslie James  
Polden, Elsie Maude  
Rodgers, Frances Ada  
Smith, Annie Ethel  
Somerville, Mabel  
Speck, Albert Edward  
Steele, James Strathearn

**Theory of Law and Legislation (117)**

## Division II.

Davey, Constance Muriel, B.A.

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

## FIRST YEAR.

## Division I.

Coombs, Herbert Isaac

## Division II.

(In order of merit.)

Winnall, John  
Abbott, Geoffrey Joseph  
Eimer, George Hermann } equal  
Haskard, Gordon Lindsay }

## Division III.

(In alphabetical order.)

Batchelor, John Egerton  
Cresswell, Edwin Fletcher  
Featherstone, Dora Bewlay  
Othams, Dorothy Elizabeth

Robertson, Douglas Emerson  
Schomburgk, Richard Henry  
Speck, Albert Edward  
Vawser, Jack Alfred

**Pure Mathematics (31).**

## SECOND YEAR.

## Division I.

(In order of merit.)

Reed, Eileen Ruth Lathlean	} equal
Wigan, Leonard James Cleveland	
Thrum, Edward Allen	

## Division II.

(In order of merit.)

Fuller, George Rayner  
 Cooper, Thomas Edwards  
 Rowe, Ernest Thomas

## Division III.

(In alphabetical order.)

Davey, Constance Muriel, B.A.  
 Dawkins, Albert Norman  
 Messent, Kieth Santo  
 Treloar, Harry Mayne

**Pure Mathematics (32).**

## THIRD YEAR.

## Division II.

Marmion, Robert James

**Applied Mathematics (33).**

## Division I.

(In order of merit.)

Reimann, Arnold Luehrs  
 Thrum, Edward Allen  
 James, Wesley Hughes

## Division II.

(In order of merit.)

Wigan, Leonard James Cleveland  
 Cooper, Thomas Edwards  
 Rowe, Ernest Thomas  
 Fuller, George Rayner  
 Gillman, Sherlock Hill Marshall

## Division III.

(In alphabetical order.)

Altmann, Arthur Richard  
 Dasborough, Mary Edgell  
 Heyne, Laura Olga Hedwig, B.A.  
 Tilemann, Carl Norboy

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

Division I.

Cooper, Thomas Edwards

Division II.

(In order of merit.)

Fuller, George Rayner	} equal
Dawkins, Albert Norman	
Elmer, George Herman	
Kneese, Alexander Theodor	
Lamphee, Allan Dunstan	
Stratmann, Carl	} equal
Wigan, Leonard James Cleveland	
Longbottom, Hugh Montgomery	
Shadgett, Lawrence Moss	

Division III.

(In alphabetical order.)

Blackler, Clarence William	Padman, Marsden Water-
Cresswell, Edwin Fletcher	house
Dridan, Julian Randell	Phillips, Zoe Somerset
Kschenka, Ernest William	Schomburgk, Richard Henry
Marston, Hedley Ralph	Tostevin, Alfred Ladyman
Messent, Keith Santo	Trigg, Reginald Gordon
Othams, Dorothy Elizabeth	Winnall, John

**Physics II. (38).**

SECOND YEAR.

Division I.

(In order of merit.)

Thrum, Edward Allen  
 Robin, Rowland Cuthbert  
 Reimann, Arnold Luehrs

Division II.

James, Wesley Hughes

Division III.

Rowe, Ernest Thomas

**Physics, III. (39), B.Sc. Course.**

None passed.

**Physics, III. (40), B.E. and Applied Science.**

Division II.

Anderson, William Moffat	} equal
Sharman, Ernest James	

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

## Division I.

(In order of merit.)

Kneese, Alexander Theodor	} equal
Eimer, George Herman	
Dawkins, Albert Norman	
Lamphee, Allan Dunstan	
Stratmann, Carl	
Coombs, Herbert Isaacs	
Smith, Kenneth William Algernon	
Haad, Geoffrey William	

## Division II.

Nietz, Herbert Walter

## Division III.

(In alphabetical order.)

Cramp, John Francis	O'Donnell, John Andrew
Flint, Harold Elsdon	Padman, Marsden Water-
Fowler, George Swan Murray	house
Fuller, George Rayner	Schomburgk, Richard Henry
Hüstler, Harry Fenwick	Swann, Eric John
Isenstein, Abraham	Tostevin, Alfred Ladyman
Johnstoné, Benjamin George	Wigan, Leonard James Cieve-
Miller, Roland Geoffrey	land
Moore, Arthur Pariss Reading	Winnall, John

**Chemistry, Part I., Theoretical (46).**

## Division I.

(In order of merit.)

Winzor, Frank Lovelock  
Rowe, Ernest Thomas

**Physical Chemistry (June).**

## Division III.

(In alphabetical order.)

Fowler George, Swan Murray  
Phillips, Zoe Somerset

**Chemistry Part II. (Theory) (47.)**

## Division I.

Marmion, Robert James

## Division III.

Berry, Philip Alan

**Chemistry, Part I., Practical, (48).**

Division I.

Winzor, Frank Lovelock

Division III.

Rowe, Ernest Thomas

**Chemistry, Part II. (Practical) (49).**

Division III.

Crompton, Lancelot

**Organic Chemistry (51 and 53).****B.A., B.Sc., Non-Graduating, and Dental.**

Division I.

Appleby, Harold Henry

Division III.

(In alphabetical order.)

Eustace, John Leonard  
 Hawken, Doris Marguerite  
 McLaughlan, Eugene  
 Palmer, Dudley Keith  
 Topperwien, Irwin

**Compulsory Physiography (55a).**

Division I.\*

(In order of merit.)

Gawte, Frederick George Nelson  
 Traeger, Gustav Albert  
 Winzor, Frank Lovelock

Division II.

(In order of merit.)

Reed, Eileen Ruth Lathlean  
 Phillips, Zoe Somerset  
 Coombs, Herbert Isaac  
 Reimann, Arnold Luehrs  
 Winnall, Nancy Eleanor  
 Dasborough, Mary Edgell

} equal

Division III.

(In alphabetical order.)

Day, Keith Vernon  
 James, Wesley Hughes  
 Moncrieff, Theodore Edward Luttrell  
 Polden, Leslie James  
 Robin, Rowland Cuthbert



**Geology, Part I. (55 b, c, and d).**

Division II.

Crompton, Lancelot

Division III.

Symonds, George Burnett Lionel

**Geology Part II (56, g. h. i.)**

Division III.

Jauncey, Keith

**Mineralogy Part I. (55 e and f).**

Division I.

Kessell, Stephen Lackey

Division II.

Crompton, Lancelot

**Forestry II., (71e) Section B.**

Division II.

Kessell, Stephen Lackey

Division III.

Robertson, Gordon Clough

**Structural Geology (71b) (Forestry).**

Division I.

Kessell, Stephen Lackey

**Forest Geology (71d).**

Division I.

Kessell, Stephen Lackey

Division III.

Robertson, Gordon Clough

**Entomology (71c.)**

Division I.

Kessell, Stephen Lackey

Division III.

Robertson, Gordon Clough

**Elementary Botany (62)**

## Division I.

(In order of merit.)

\*Murray, Beatrice Jean  
 Pobjoy, Alice Blake  
 Priest, Amy Grace  
 Reed, Eileen Ruth Lathlean

## Division II.

(In order of merit.)

Featherstone, Dora Bewley  
 Sarre, Vera Georgina  
 Gault, Maisie Isabell Ogilvie  
 Parker, Mina Evelyn

## Division III.

(In alphabetical order.)

Anderson, Gwendoline Mary  
 Martin, Harold Edwin  
 Mitchell, Johanna Roberta  
 Walsh, Dorothy Counley

\*Recommended for the John Bagot Medal and Scholarship.

**Botany (63).**

## SECOND YEAR.

## Division III.

Winnall, Nancy Eleanor

**Elementary (Compulsory) Biology (66).**

## Division II.

(In order of merit.)

Priest, Amy Grace  
 Hawken, Doris Maguerite

## Division III.

(In alphabetical order.)

Cramp, John Francis  
 Flint, Adela Lysander  
 Jose, Gilbert Edgar  
 Leditschke, Friedrich Berthold  
 Rowe, Ernest Thomas  
 Samuel, Malcolm Vindin  
 Sarre, Vera Georgina  
 Tostevin, Alfred Ladyman

**Physiology (67).**

FIRST YEAR.

None passed.

**Applied Mechanics II. (73).**

Division I.

Sharman, Ernest James

Division II.

Tilemann, Carl Norboy

**Applied Mechanics III. (74).**

Division III.

(In alphabetical order.)

Altmann, Arthur Richard  
Stobie, James Cyril**Assaying I. (75).**

Division I.

Robin, Rowland Cuthbert

**Assaying II (Mining) (77).**

None passed.

**Drawing II. (82).**

Division I.

Tilemann, Carl Norboy

Division II.

Messert, Keith Santo

Division III.

(In alphabetical order.)

Anderson, William Moffat  
James, Wesley Hughes  
Robin, Rowland Cuthbert  
Sharman, Ernest James**Drawing III. (83).**

Division III.

Symonds, George Burnett Lionel

**Electrical Engineering II. (85).**

Division II.

Morgan, Horace John

**Fitting and Turning I. (86).**

(In order of merit.)

## Division I.

Schomburgk, Richard Henry  
Cooper, Thomas Edwards

## Division II.

Winnall, John  
Stratmann, Carl  
Kneese, Alexander Theodor } equal  
Dawkins, Albert Norman }

## Division III.

(In alphabetical order.)

Cresswell, Edwin Fletcher  
Eimer, George Herman  
Fuller, George Rayner  
Gillman, Sherlock Hill Marshall  
Kinnaird, Alexander Ross  
Padman, Marsden Waterhouse  
Robertson, Douglas Emerson  
Robin, Rowland Cuthbert  
Thrum, Edward Allen  
Vawser, Jack Alfred  
Wigan, Leonard James Cleveland**Fitting and Turning II. (87).**

## Division II.

(In order of merit.)

Anderson, William Moffat  
Sharman, Ernest James  
Tilemann, Carl Norboy

## Division III.

(In alphabetical order.)

James, Wesley Hughes  
Reimann, Arnold Luehrs**Hydraulics (89).**

## Division I.

(In order of merit.)

Mongan, Horace John  
Robin, Rowland Cuthbert

## Division II.

Symonds, George Burnett Lionel

## Division III.

Rodley, Harold Royce Ernest

**Machine Design I. (90).**

Division III.

Sharman, Ernest James  
Symonds, George Burnett Lionel

**Machine Design II. (91).**

Division II.

Mongan, Horace John

**Machine Design III. (92).**

None passed.

**Mechanical Engineering I. (93).**

Division I.

(In order of merit.)

Stratmann, Carl  
Fuller, George Rayner  
Thrum, Edward Allen

Division II.

(In order of merit.)

Gillman, Sherlock Hill Marshall  
Winnall, John  
Mongan, Horace John  
Schomburgk, Richard Henry  
Cooper, Thomas Edwards

Division III.

(In alphabetical order.)

Cresswell, Edwin Fletcher  
Dawkins, Albert Norman  
Eimer, George Herman  
Kneese, Alexander Theodor  
Padman, Marsden Waterhouse  
Vawser, Jack Alfred  
Wigan, Leonard, James Cleveland

**Mechanical Engineering II. (94).**

Division II.

(In order of merit.)

Symonds, George Burnett Lionel  
Anderson, William Moffat  
Reimann, Arnold Luehrs  
Robin, Rowland Cuthbert

Division III.

(In alphabetical order.)

James, Wesley Hughes  
 Messent, Keith Santo  
 Sharman, Ernest James

**Mechanical Engineering III. (95).**

Division I.

(In order of merit.)

Anderson, William Moffat  
 James, Wesley Hughes  
 Reimann, Arnold Luehrs

**Metallurgy I. (Theory) (97).**

Division I.

Symonds, George Burnett Lionel

**Railway Engineering (105).**

Division III.

(In alphabetical order.)

Francis, Wilfred Galton  
 Weiss, Frank Leonard

**Surveying (106).**

Division II.

(In order of merit.)

Anderson, William Moffat  
 Tilemann, Carl Norboy } equal  
 Robin, Rowland Cuthbert  
 James, Wesley Hughes  
 Sharman, Ernest James  
 Cartledge, Herbert Henry

Division III.

Symonds, George Burnett Lionel

**Surveying (Short Course).**

Division II.

Kessell, Stephen Lackey

Division III.

Messent, Keith Santo  
 Reimann, Arnold Luehrs

**Woodwork (108).**

Division I.

(In order of merit.)

Dawkins, Albert Norman  
Cooper, Thomas Edwards

Division II.

(In order of merit.)

Robertson, Douglas Emerson } equal  
Winnall, John }

Division III.

Kinnaird, Alexander Ross

**EXAMINATION FOR THE DEGREE OF BACHELOR  
OF LAWS.****PASS LIST.**

(In order of merit.)

**Law of Property, Part I. (110).**

FIRST CLASS.

Stevens, Edgar Loveday

**Law of Property, Part II. (111).**

FIRST CLASS.

Buttrose, Ian

SECOND CLASS.

Gun, Clement Townsend.  
Daly, John Joseph

THIRD CLASS.

Tucker, Howard Erskine  
Sanderson, Kenneth Francis Villiers**Law of Contracts (112).**

FIRST CLASS.

Morgan, Edward James Ranembe

SECOND CLASS.

Travers, John Leo  
Olsson, Athol Julius

## THIRD CLASS.

Hogan, Esmond John  
 Sparrow, Cyril Keith  
 Pattinson, Baden Powell

Somerville, Dorothy Christine  
 Ingleby, Aileen Constance  
 Gibson, Reginald Mends

**Law of Wrongs (113).**

## FIRST CLASS.

Brebner, Charles Cave

**Law of Evidence and Procedure (114).**

## FIRST CLASS.

Gun, Clement Townsend  
 Woods, Julian Gordon Tenison

## SECOND CLASS.

None.

## THIRD CLASS.

Rutter, George Lyall  
 Sanderson, Kenneth Villiers } equal  
 Burns, Leonard James  
 Daly, John Joseph  
 Waterhouse, Arthur Greaves

**Constitutional Law (115).**

## FIRST CLASS.

Stevens, Edgar Loveday

## SECOND CLASS.

None.

## THIRD CLASS.

Tucker, Howard Erskine  
 Tolley, Lloyd  
 Hunt, William Robert

**Roman Law (116).**

## FIRST CLASS.

Waterhouse, Arthur Greaves  
 Brebner, Charles Cave )  
 Buttrose, Ian } equal

## SECOND CLASS.

Skewes, Edward Foster  
 Woods, Julian Gordon Tenison  
 Burns, Leonard James

## THIRD CLASS.

Reid, John Tennyson  
 Kelly, William Raymond  
 Rochlin, Aaron



**Theory of Law and Legislation (117).**

## FIRST CLASS.

Waterhouse, Arthur Greaves  
 Brebner, Charles Cave  
 Buttrose, Ian

## SECOND CLASS.

Skewes, Edward Foster  
 Woods, Julian Gordon Tenison } equal  
 Kelly, William Raymond

## THIRD CLASS.

Reid, John Tennyson  
 Burns, Leonard James

**Private International Law (118).**

None passed.

**Greek (1).**

## FIRST YEAR.

## Division II.

Hogan, Esmond John

**Latin (2).**

## FIRST YEAR.

## Division I.

Kelly, William Raymond

## Division II.

Rochlin, Aaron  
 Sparrow, Cyril Keith  
 Morgan, Edward James Ranembe  
 Hogan, Esmond John

## Division III.

Travers, John Leo  
 Ingleby, Aileen Constance  
 Olsson Athol Julius  
 Stevens, Edgar Loveday

**English Language and Literature (8).**

## Division I.

Morgan, Edward James Ranembe  
 Kelly, William Raymond

## Division II.

Travers, John Leo

## Division III.

Rochlin, Aaron  
 Ingleby, Aileen Constance

**History of the United Kingdom (12).**

Division III.

Sandry, Charles Arthur  
 Tolley, Lloyd  
 Olsson, Athol Julius

**Logic (22).**

None passed.

**Education (26).**

None passed.

Recommended for Stow Prizes:—

Brebner, Charles Cave  
 Buttrose, Ian  
 Waterhouse, Arthur Greaves  
 Stevens, Edgar Loveday

Recommended for David Murray Scholarships in Roman Law and in Theory of Law and Legislation:—

Waterhouse, Arthur Greaves.

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

(In order of merit.)

**FIRST YEAR.****FIRST CLASS.**

\* Florey, Howard Walter  
 West, Esmond Frank } equal  
 Hobbs, Alan Frank }

**SECOND CLASS.**

Holmes, Jessie Eileen  
 Gartrell, Eric Frank  
 Bransch, Harold Randolph  
 Jones, Alan Thomas Britten  
 Webb, Arthur Liddon

**THIRD CLASS.**

Harris, George David  
 Souter, Robert John de Neufville  
 Harbison, Ernest John Keith

Recommended for the Elder Prize.

## SECOND YEAR.

## FIRST CLASS.

- \* Wainsley, Robert Leitch Eric  
 Michell, Charles Francis  
 Hetzel, Kenneth Stuart  
 Hills George Ridge

## SECOND CLASS.

- Gilllan, William  
 Wurm, Bertram Eric  
 Hone, Frank Raymond  
 Hursey, Percival Francis Leitch } equal  
 Hubbe, Edith Ulrica, B.A.  
 Hoopman, Friedrich Wilhelm  
 Dorsch Carl Emil } equal  
 Walker, William Delano  
 Jones, Brynmore Beveridge

## THIRD CLASS.

None.

Passed in Physiology:—

Phillips, Zoe Somerset

## THIRD YEAR.

## FIRST CLASS.

- † Streich, Carl Ivo  
 Linton, Leonard Charles Edward

## SECOND CLASS.

- Steele, Donald Macdonald  
 Glynn, Robert McMahon  
 Rieger, Clarence Oscar Ferrero  
 Pryor, William Arthur  
 Richards, Clarence  
 Watson, Arthur Harrison Edward } equal

## THIRD CLASS.

- Pavy, Harold Keith  
 Cooper, Donald Counter } equal  
 Schafer, Carl Hammaford  
 Hecker, Stewart Roy } equal  
 Bennett, Norman Robertson  
 Steven, Walter Edward

## FOURTH YEAR.

## FIRST CLASS.

- † Cilento, Raphael West

\* Recommended for the Elder Prize.

† Recommended for the Dr. Davis Thomas Scholarship.

## SECOND CLASS.

Grant, Richard Longford Thorold  
 Bollen, Kenneth Willoughby  
 Kelpert, Leslie James  
 Pomroy, Harry Roy

## THIRD CLASS.

Collins, William Kendall }  
 Gurner, Colin } equal  
 McGlew, Phyllis Dorothy  
 Messent, Philip Santo  
 Wallman, Douglas Robson }  
 Linn Leslie Wadmore } equal  
 Wilson, Laurence Algernon }  
 McNeil, John } equal  
 Shanasy, William Bonwill }  
 Webb, Walter Frederick Swanton }

## FIFTH YEAR (June.)

(In order of merit.)

## FIRST CLASS.

\* Cairns, Hugh William Bell  
 Giller, John Besley } equal  
 Lendon, Guy Austin }

## SECOND CLASS.

Beare, Frank Howard  
 Bean, Alan Reid  
 Gault, Arthur Kyle  
 Moore, Brian Formby } equal  
 Kendrew, George Harry }

## THIRD CLASS.

Symons, Eric Lindsay  
 Davies, Harold Whitridge } equal  
 Webb, John Newton }  
 Rolland, James Alexander }  
 Broadbent, Eric Elihu } equal  
 Hall, Norman Bruce }  
 O'Neil, Sydney }

\*Recommended for the Everard Scholarship.

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

**PASS LIST.**

FIRST YEAR.

FIRST CLASS.

Riedel, Melita Wanda

SECOND CLASS.

Chaplin, Erica Rita Ina, A.M.U.A.

SECOND YEAR.

THIRD CLASS.

Ward, Evelyn Lucy

THIRD YEAR.

None passed.

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

Exercise presented under Regulation IX. of the Mus. Bac.  
degree, approved:

Mitchell, Ernest Edwin

**EXAMINATION FOR THE DIPLOMA OF ASSOCIATE IN  
MUSIC.**

**PASS LIST.**

FIRST YEAR.

Badenoch, Constance Mary . . . . .	Singing
Barrett, Mildred Muriel Lilla . . . . .	Singing
Coonan, Rita Norlean . . . . .	Singing
Dunstan, Ivy Allen Hermione . . . . .	Singing
Goodrich, Edith . . . . .	Singing
Grivell, Sable Ansley Robert . . . . .	Singing
Holman, Frank Reginald . . . . .	Piano
Jones, Lewis La Vence . . . . .	Violin
Keen, Lillian Guard . . . . .	Piano
Koch, Ernst Hugo . . . . .	Piano
Leahy, Winefride Mary . . . . .	Singing
Lock, William Ewart . . . . .	Singing
Palmer, Ethel Rose . . . . .	Singing
Phillips, Muriel Edith . . . . .	Piano
Scammell, Ethelwyn . . . . .	Singing
Traynor, Constance Ella . . . . .	Singing
Virgo, Violet Myra . . . . .	Singing

SECOND YEAR.

Gard, Harold . . . . .	Singlug
Leaver, Gwen . . . . .	Singing
Levasseur, Kate . . . . .	Piano
Marin, Louisa Elizabeth . . . . .	Singing
Palmer, Ethel Rose . . . . .	Singing
Riefel, Melita Wanda . . . . .	Piano
Shierlaw, Gladys Lennox . . . . .	Singing

THIRD YEAR.

Alexander, Mary Vera . . . . .	Piano
Brown, Kathleen Mary . . . . .	Singing
Hogon, Eileen Margaret, . . . . .	Singing
Howard, Winifred Jean . . . . .	Singing
James, Vida Margretta . . . . .	Singing
Martin, Thelma Dorothy . . . . .	Singing
Maegan, Kathleen Mary . . . . .	Violin
Simcock, Hilda May . . . . .	Singing
Wall, Myrtle Trilby . . . . .	Singing
Whittington, Clytie Myrtle . . . . .	Singing

EXAMINATION FOR THE DIPLOMA IN COMMERCE.

November, 1917.

PASS LIST.

(In alphabetical order.)

Business Practice.

Division I.

Chaplin, Eric Stanley  
 Dermott, John Edwin  
 Painier, Edward Websdale

Division II.

Barlow, Charles Walter William  
 Francis, Ainslie De Lacey  
 Higgins, Harry Coote  
 Rooney, Patrick William  
 Savage, Hubert Joseph  
 Sutton, Charles Ronald

Division III.

Bayly, Ernest Edward  
 Davidson, Cuthbert Hewett  
 Giles, Kenneth Livingstone  
 Jones, Quintin Cuthbert  
 Kinnish, Florence Maud  
 Peek, Wallace Victor Thomas

Accountancy.

Division I.

Rooney, Patrick William

## Division II.

Painter, David  
 Tassie, Eric Harry  
 Williams, Eric Spencer

## Division III.

Baik, Roy Mostyn  
 Cant, Leonard George  
 James Charles Kingsley  
 Miller, Clifford William Littlejohn  
 Miller, Gavin Robert  
 Moyle, John Ewart  
 Sambell, Frederick James  
 Whitridge, Gladstone Keith  
 Williams, John Carter

**Commercial Law.**

## Division I.

Chaplin, Eric Stanley  
 Hughes, George Alfred  
 Painter, Edward Websdale

## Division II.

Francis, Ainslie De Lacey  
 Peek, Wallace Victor Thomas  
 Reed, Percival  
 Rooney, Patrick William  
 Savage, Hubert Joseph

## Division III.

Barlow, Charles Walter William  
 Elpatiek, Keith Lancelot  
 Higgins, Harry Coote  
 Lyon, James Cobbett  
 Vawser, Leeson William

**Economics.**

## FIRST YEAR.

## Division I.

Rooney, Patrick William

## Division II.

Miller, Gavin Robert  
 Moyes, Cecil Clarence

## Division III.

Dixon, John Faulkner  
 James, Charles Kingsley  
 Mitchell, Bruce  
 Vawser, Leeson William

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## 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 havod caused these Our Letters to be made Patent. Witness Ourself at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By Warrant under the Queen's Sign Manual.

PALMER.

#### SUPPLEMENTARY CHARTER

FOR RECOGNISING DEGREES IN SURGERY AND ENGINEERING.

*Dated 2nd September, 1913.*

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

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

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

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

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

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

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

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

Witness our self at Westminster the second day of September in the fourth year of our Reign

By Warrant under the King's Sign Manual

## ACT OF INCORPORATION.

*The Adelaide University Act.*

No. 20 OF 1874.

Preamble

WHEREAS it is expedient to promote sound learning in the Province of South Australia, and with that intent to establish and incorporate, and endow an University at Adelaide, open to all classes and denominations of Her Majesty's subjects: And whereas Walter Watson Hughes, Esquire, has agreed to contribute the sum of Twenty Thousand Pounds towards the endowment of two chairs or professorships of such University, upon terms and conditions contained in a certain Indenture bearing date the twenty-fourth day of December, one thousand eight hundred and seventy-two, and made between the said Walter Watson Hughes and Alexander Hay, Esquires, representing an Association formed for the purpose of establishing such University, a copy of which said Indenture is set forth in the Schedule hereto; be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

University to consist of Council and Senate.

1. An University, consisting of a Council and Senate, shall be established at Adelaide, and when duly constituted and appointed according to the provisions of this Act, shall be a body politic and corporate by the name of "The University of Adelaide," and by such name shall have perpetual succession, and shall adopt and have a common seal, and shall by the same name sue and be sued, plead and be impleaded, answer and be answered unto in all Courts in the said province, and shall be capable in law to take, purchase, and hold all goods, chattels, and personal property whatsoever, and shall also be able and capable in law to receive, take, purchase, and hold for ever, not only such lands, buildings, and hereditaments, and possessions, as may from time to time be exclusively used and occupied for the immediate requirements of the said University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in the said Province, or elsewhere, and shall be able and capable in law to grant, demise alien, or otherwise dispose of all or any of the property,

real or personal, belonging to the University, and also to do all other matters and things incidental or appertaining to a body politic and corporate: Provided always, that until the Senate of the said University shall have been constituted as herein enacted, the said University shall consist of a Council only: Provided further, that it shall not be lawful for the said University to alien, mortgage, charge, or demise any lands, tenements, or hereditaments, of which it shall have become seised, or to which it may become entitled by grant, purchase, or otherwise, unless with the approval of the Governor of the said Province for the time being, except by way of lease for any term not exceeding twenty-one years from the time when such lease shall be made, in and by which there shall be reserved during the whole of the term the highest rent that can be reasonably obtained for the same, without fine.

First Council by whom appointed.

Election of Chancellor and Vice-Chancellor.

2. The first Council of the said University shall be nominated and appointed by the Governor within three months after the passing of this Act, and shall consist of twenty councillors, and the said Council shall elect a Chancellor and a Vice-Chancellor; and whenever a vacancy shall occur in the office of Chancellor or Vice-Chancellor, either by death, resignation, expiration of tenure, or otherwise, the said Council shall elect a Chancellor or Vice-Chancellor, as the case may be, instead of the Chancellor or Vice-Chancellor occasioning such vacancy, the Vice-Chancellor in all cases shall be elected by the said Council out of their own body, and the Chancellor, if not a member of the said Council at the time of his election, shall, from and after his election, become a member of the said Council during the term of his office, and in any such case, and for such period, the Council shall consist of twenty-one councillors. Each Chancellor and Vice-Chancellor shall hold his office for five years, or, except in the case of the first Chancellor and Vice-Chancellor, for such other term as shall be fixed by the statutes and regulations of the University made previously to the election: Provided that there shall never be more than four ministers of religion members of the said Council at the same time.

Vacancies in the Council, how created and filled.

3. At the expiration of the third year, and thereafter at the expiration of each year, the five members of the Council who shall have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period, the order of their retirement shall be decided by ballot, and all vacancies which shall occur in the said Council by retirement,

death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall at meetings to be duly convened for that purpose elect; or, if the Senate shall not have been constituted, such vacancies shall be forthwith reported by the Chancellor to the Governor, who shall within three months after such report nominate persons to fill such vacancies, or if the Senate shall fail to elect within six months then the Governor shall nominate persons to fill such vacancies.

Senate how constituted.

4. As soon as the said Council shall have reported to the Governor that the number of graduates admitted by the said University to any of the Degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, or Doctor of Music, and of graduates of three years' standing, is not less than fifty, and such report shall have been published in the *Government Gazette*, the Senate shall be then constituted, and shall consist of such graduates, and of all persons thereafter admitted to such degrees, or who may become graduates of three years' standing, and a graduate of another University admitted to a degree in the University of Adelaide shall reckon his standing from the date of his graduation in such other University, and the Senate shall elect a Warden out of their own body annually, or whenever a vacancy shall occur.

Questions how decided, quorum.

5. All questions which shall come before the said Council or Senate respectively shall be decided by the majority of the members present, and the chairman at any such meeting shall have a vote, and in case of an equality of votes, a casting vote, and no question shall be decided at any meeting of the said Council unless six members thereof be present, or at any meeting of the said Senate unless twenty members thereof be present.

Chairmanship of Council and Senate.

6. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as chairman, and at every meeting of the Senate the Warden shall preside as chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden the members of the Senate present shall elect a chairman.

Council to have entire management of the University.

7. The said Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the said

University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the statutes and regulations of the said University.

Council to make statutes and regulations with approval of the Senate.

8. The said Council shall have full power to make and alter any statutes and regulations (so as the same be not repugnant to any existing law or to the provisions of this Act) touching any election or the discipline of the said University, the number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants thereof, the matriculation of students, the examination for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively, the fees to be charged for matriculation, or for any such examination or degree, the lectures or classes of the professors and lecturers, and the fees to be charged, the manner and time of convening the meetings of the said Council and Senate and in general touching all other matters whatsoever regarding the said University: Provided always that so soon as the Senate of the said University shall have been constituted, no new statute or regulation or alteration or repeal of any existing statute, shall be of any force until approved by the said Senate.

Colleges may be affiliated, and boarding houses licensed.

9. It shall be lawful for the said University to make any statutes for the affiliation to or connection with the same of any college or educational establishment to which the governing body of such college or establishment may consent, and for the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of such licences: Provided always that no such statutes shall affect the religious observances or regulations enforced in such colleges, educational establishments, or boarding-houses.

Statutes and Regulations to be allowed by Governor.

10. All such statutes and regulations as aforesaid shall be reduced to writing, and the common seal of the said University having been affixed thereto, shall be submitted to the Governor to be allowed and countersigned by him, and if so allowed and countersigned, shall be binding upon all persons members of the said University, and upon all candidates for degrees to be conferred by the same.

Limitation of the powers of Council as regards the chairs founded by W. W. Hughes.

11. The powers herein given to the Council shall, so far as the same may effect the two chairs or professorships founded by the said Walter Watson Hughes, and the two professors appointed by him, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the before-mentioned indenture.

## University to confer degrees.

12. The said University shall have power to confer, after examination, the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, and Doctor of Science, Bachelor of Music, and Doctor of Music, according to the statutes and regulations of the said University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree, of persons who may have graduated at any other University.

## Students to be in residence during term.

13. Every undergraduate shall, during such term of residence as the said University may by statute appoint, dwell with his parent or guardian, or with some near relative or friend selected by his parent or guardian, and approved by the Chancellor or Vice-Chancellor, or in some collegiate or educational establishment affiliated to or in connection with the University, or in a boarding-house licensed as aforesaid.

## No religious test to be administered.

14. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the said University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

## Endowment by annual grant.

15. It shall be lawful for the Governor by warrant under his hand addressed to the Public Treasurer of the Province, to direct to be issued and paid out of the General Revenue an annual grant, equal to Five Pounds per centum per annum on the said sum of Twenty Thousand Pounds contributed by the said Walter Watson Hughes, and on such other moneys as may from time to time be given to and invested by the said body corporate upon trusts for the purposes of such University, and on the value of property, real or personal, securely vested in the said body corporate, or in trustees, for the purposes of the said University, except the real property mentioned in clause 16 of this Act; and such annual grant shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several professors, lecturers, examiners, officers, and servants to be appointed by such University and for defraying the expense of such fellowships, scholarships, prizes, and exhibitions, as shall be awarded for the encouragement of students in such University, and for providing a library for the same, and for discharging all necessary charges

connected with the management thereof: Provided that no such grant shall exceed Ten Thousand Pounds in any one year.

Endowment in Land.

16. The Governor, in the name and on behalf of Her Majesty, may alienate, grant, and convey in fee-simple to such University or may reserve and dedicate portions of the waste lands of the said Province, not exceeding fifty thousand acres, for the purpose of the University and the further endowment thereof; and the Governor may in like manner, and on behalf of Her Majesty, alienate, grant, and convey in fee-simple to such University, or may reserve and dedicate a piece of land in Adelaide, East of the Gun Shed and facing North Terrace, not exceeding five acres, to be used as a site\* for the University buildings and for the purposes of such University: Provided that the lands so granted shall be held upon trust for the purposes of such University, such trusts to be approved by the Governor.

University of Adelaide included in Ordinance No. 17 of 1844.

17. The University of Adelaide shall be deemed to be an University within the meaning of section 1† of Ordinance No. 17 of 1844, entitled "An Ordinance to define the qualifications of Medical Practitioners in this Province for certain purposes."

Council or Senate to report annually to the Governor.

18. The said Council or Senate shall, during the month of January in every year, report the proceedings of the University during the previous year to the Governor, and such report shall contain a full account of the income and expenditure of the said University, audited in such manner as the Governor may direct, and a copy of every such report, and of all the statutes and regulations of the University, allowed as aforesaid by the Governor, shall be laid in each year before the Parliament.

Governor to be Visitor.

19. The Governor for the time being shall be the Visitor of the said University, and shall have authority to do all things which appertain to Visitors as often as to him shall seem meet.

Short Title.

20. This Act may be cited as "The Adelaide University Act."

\*An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

† This section has been repealed by Act No. 193 of 1880, which recognizes (amongst others) the following qualifications:—"Doctor or Bachelor of Medicine or Master in Surgery of any chartered University in Her Majesty's Dominions authorised to grant Degrees in Medicine and Surgery."



## SCHEDULE REFERRED TO.

This Indenture, made the twenty-fourth day of December, one thousand eight hundred and seventy two, between Walter Watson Hughes, of Torrens Park, near Adelaide, in the Province of South Australia, Esquire, of the one part, and Alexander Hay, of Adelaide, aforesaid, Esquire, Treasurer of the Executive Council of the University Association, of the other part: Whereas the said Walter Watson Hughes is desirous that a University should be established in the said Province, to be called "The Adelaide University," and has agreed to assist in the foundation of such University, by contributing the sum of Twenty Thousand Pounds in endowing by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy: And whereas the said Walter Watson Hughes, his executors or administrators is or are entitled to nominate and appoint the two first Professors to such chairs: And whereas an Association has been formed, and has undertaken to endeavour to found and establish such University, and has appointed an Executive Council: And whereas the said Alexander Hay has been appointed Treasurer of the said Executive Council: Now this Indenture witnesseth, that in consideration of the premises, the said Walter Watson Hughes doth hereby for himself, his heirs, executors, and administrators covenant with the said Alexander Hay, his executors and administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will, on or before the expiration of ten years from the date hereof pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds Sterling: And will in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments: And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs: And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M.A., Incumbent of the Church of England in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature: And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other of such chairs as Professor of English Language and Literature, and Mental and Moral Philosophy: And it is hereby agreed and declared that the annual income and interest of the said sum of Twenty Thousand Pounds, shall be applied for the purposes aforesaid in equal sums quarterly, and for no other purpose whatever: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall be held by the Treasurer of the said University, or by the Corporation thereof, when the said University shall become incorporated, for the purpose of paying and applying the annual interest and income thereof equally endowing two chairs or professorships in the said University, one of such chairs or professorships being Classics and Comparative Philology and Literature, and the other of such chairs or professorships being English Language and Literature, and Mental and Moral Philosophy: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall when the same is received by the Treasurer of the said

University, or by the University when incorporated, be invested\* upon South Australian Government Bonds, Debentures or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid: In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

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

\*By a deed executed in 1881 the donor consented to the investment of the moneys in the purchase of freehold lands and buildings, and on first mortgages of freehold lands and buildings in South Australia.

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

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

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

AN ACT TO AMEND THE ADELAIDE UNIVERSITY ACT  
*No. 20 of 1874. No. 143 of 1879.*

Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to amend "The Adelaide University Act"—Be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

University has been duly constituted.

1. The University of Adelaide has been duly constituted and appointed according to the provisions of "The Adelaide University Act."

Power to repeal Statutes and Regulations.

2. Subject to the proviso contained in the eighth section of the said Act, the Council of the said University may by Statute or Regulation repeal Statutes and Regulations made by the University ; and that section shall be read and construed as if the words "or Regulation" had been inserted in it next after "Statute" where that word occurs lastly therein.

Repeal of power to confer certain Degrees.

3. The words "Bachelor of Science and Doctor of Science," which occur in the twelfth section of the said Act are hereby repealed ; and that section shall be read and construed as if those words had not occurred therein.

Short Title.

4. This Act may be cited as "The Adelaide University Act Amendment Act."

AN ACT TO REPEAL PART OF THE ADELAIDE UNIVERSITY ACT AMENDMENT ACT *No. 143 of 1879. No. 172 of 1880.*

Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to repeal part of "The Adelaide University Act Amendment Act," and to revive part of "The Adelaide University Act," and to amend it—Be it therefore enacted by the Governor of the Province of South Australia, by and with the advice and consent of the Legislative

Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

Repeal and Revival.

1. The third section of "The Adelaide University Act Amendment Act" is hereby repealed, and so much of "The Adelaide University Act" as was repealed by that section is hereby revived.

Admission of women to Degrees.

2. Women, who shall have fulfilled all the conditions prescribed by "The Adelaide University Act," and by the Statutes and Regulations of The University of Adelaide for any Degree, may be admitted to that Degree at a meeting of the Council and Senate of the said University.

Words importing masculine gender include feminine.

3. In "The Adelaide University Act," words importing the masculine gender shall be construed to include the feminine.

Title.

4. This Act may be cited as "The University of Adelaide Degrees Act."

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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.

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## 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.

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## 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, as 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.

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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 have one transferable vote.

\*65A. Each member, in voting, shall set the figure 1 opposite the name of the one candidate for whom he wishes to vote, and may set the successive figures 2, 3, 5, etc., opposite the other names in the order in which he wishes his vote to be used in the case of transfer, numbering consecutively as many of the candidates' names as he may desire to number.

\*65B. A voting paper will be deemed informal if no candidate's name shall have the figure 1 set opposite to it, or if more than one candidate's name shall have the figure 1 set opposite to it. A voting paper will become informal and no longer transferable if at any stage of the count when it is required for transfer it shall be found that the next consecutive figure to be used is not set against the name of any candidate or is set against the names of more than one candidate.

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

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

\*68. The voting shall be counted by the scrutineers in accordance with the method detailed in the schedule of rules adopted by the Senate on July 28th, 1915, a copy of which shall be handed by the Clerk of the Senate to each scrutineer on appointment. The Scrutineer shall report to the Warden the names of the candidates elected. The Warden shall then declare the result of the election.

\*68A. The Warden shall, subject to the Standing Orders, determine finally on questions of detail concerning the election.

#### E. QUESTIONS.

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

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

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

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

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

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

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice Paper shall not be recorded in the Minutes, nor shall the answers thereto.

#### F. COMMITTEE OF THE WHOLE SENATE.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

#### V. SELECT COMMITTEES.

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

#### VI. SUSPENSION OF STANDING ORDERS.

88. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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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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#### ELECTION OF MEMBERS OF COUNCIL.

Schedule of Rules of instruction to Scrutineers for election of Members of Council under method of Election known as that of Hare's Single Transferable Vote.

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##### First Count.

1. Sort papers according to first preferences. Reject informal papers. Mark remainder with (1). Count total first votes for each candidate.

Determination of Quota. The Quota elects.

2. Divide the total number of formal votes by the number of members of Council required plus one, and add one to the quotient. This (ignoring any fraction) gives the *quota*. A candidate who obtains the quota at the first or any subsequent count is thereby elected.

## Redistribution of Surplus Votes

3. If a candidate (A), at the first or any subsequent count, has votes in excess of the quota, his surplus is redistributed as follows :

(i) If after first count :

Mark on each of (A)'s papers the *transfer-value*, which is the fraction :  $\frac{\text{(A)'s surplus votes}}{\text{(A)'s total votes}}$  and transfer each paper to the candidate next in order of preference thereon, disregarding candidates already elected.

(ii) If after second (or subsequent) count :

Mark on each of the papers last transferred to A the new transfer-value which is the fraction :

$$\frac{\text{A's surplus votes}}{\text{Total number of papers received by A at last transfer}}$$

and transfer the papers so marked to the candidate next in order of preference, disregarding any candidate already elected or rejected.

After each transfer recount the papers according to their marked value, and if any candidate then obtain more than the quota redistribute his surplus as above.

## Rejection of Candidate lowest on List.

4. If when the above process is ended the quota has not been obtained by the required number of candidates, the papers of the candidate lowest on the list are to be redistributed at their marked value to the unelected candidates next in order of preference.

If as a result any candidate reaches the quota, he is elected ; and his surplus votes (if any) redistributed as in Clause 3.

## Exhaustion of above process.

5. The above process of rejection and redistribution shall be repeated until the required number of candidates has been elected, or until the number of unelected candidates exceeds by only one the number still required. In this case the candidate with fewest votes is rejected, and the remainder are elected.

## Case of equal for lowest.

6. Of two candidates who at the conclusion of a transfer have an equal number of votes, that one shall be deemed the lower who had fewer votes prior to that transfer.

## Contingencies.

7. If any contingency not met by the above rules arises, the scrutineers shall be guided by Schedule 4 to the Tasmanian Electoral Act of 1907.

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