

# CALENDAR

OF THE

# UNIVERSITY OF ADELAIDE

FOR THE YEAR

1907.

ADELAIDE :

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

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1907.

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## NOTICE.

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The undermentioned are published in separate volumes :—

1. Regulations, Details of Subjects, Examination Papers, and Examiners' Reports of the Public Examinations in General Education.
2. Regulations, Details of Subjects, and Examination Papers of the Public Examinations in Music.
3. Regulations and Details of Subjects of the B.A. and B.Sc. Degrees, and of the Diploma Courses in Applied Science.
4. Degree Examination Papers for 1906.



# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1907.

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## PART I.

PREFACE.

ALMANAC FOR 1907.

VISITOR, OFFICERS, AND MEMBERS OF THE UNIVERSITY.

STUDENTS.

COMMITTEES, FACULTIES, AND BOARDS.

ENDOWMENTS AND DONATIONS.

STATUTES, REGULATIONS, SCHEDULES, AND RULES.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

## 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 rewards of merit, and be entitled to rank, precedence, and consideration throughout the British Empire as if granted by any University in the United Kingdom.

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 ("The Adelaide University Act, 1874") for an annual grant from the public revenues of a sum equal to five per cent. on the capital funds then or afterwards to be possessed by the University, but not exceeding 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 provided for.

The University grants degrees in Arts, Science, Law, Medicine, and Music, and Diplomas in Music and in various branches of Applied Science.

It was the first University in Australia to provide for the granting of degrees to women, as authorised by Act of Parliament in 1880, and for the granting of 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 first and second were established in accordance with the terms of Sir Walter Watson Hughes' donation, and bear his name; the third and fourth bear in the same way the name of Sir Thomas Elder.

and that the courses for the Diploma in Applied Science will rank with those of the best Institutions in other parts of the Empire.

In addition, the Council was enabled to offer greater facilities for the education of teachers of the State Schools, and the bonds between the University and the Education Department have been drawn closer by the fact that the Training College for Public 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 of twenty members, elected by the Senate. The Senate consists of all graduates of the degree of Master or Doctor and of 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. The Senate was constituted in 1877, there being at that date at least 50 qualified graduates, the minimum number required by the Act of Incorporation.

The number of graduates admitted by examination since the establishment of the University is 393. The number of undergraduates in the year 1906 was 409, and of non-graduating students 210, exclusive of those studying at the Elder Conservatorium, of whom in 1906 there were 358. The teaching staff of the University comprises 9 Professors and 25 Lecturers, and that of the Elder Conservatorium 10 Teachers.

Facilities for University Examinations have been extended to the country, and local centres with permanent Committees have been formed for the Primary Public Examination and Examinations in Music at Broken Hill, and for the Primary, Junior Public, Senior Public, Higher Public, and Music Examinations at Mount Gambier, Narracoorte, Mount Barker, Gawler, Petersburg, Port Pirie, Clare, Jamestown, Kapunda, Talia, Koolunga, Laura, Moonta, and Yorketown, and at Albany, Kalgoorlie, and Perth in Western Australia. In the interests of education Extension Lectures are also given in country centres, as well as at the University.

JANUARY XXXI.

1907.

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

1907.		FEBRUARY XXVIII.
1 2	F S	
3 4 5 6 7 8 9	S M TU W TH F S	Education Committee meet.
10 11 12 13 14 15 16	S M TU W TH F S	Last day of entry for LL.B., Supplementary Degree, and Senior Public Examinations to be held in March.
17 18 19 20 21 22 23	S M TU W TH F S	Finance Committee meet. Council Meeting.
24 25 26 27 28	S M TU W TH	

MARCH XXXI.		1907.
1	F	
2	S	
3	S	
4	M	
5	Tu	Conservatorium re-opens.
6	W	
7	Th	Last day of entry for Evening Scholarships.
8	F	Education Committee meet.
9	S	
10	S	
11	M	Long vacation ends. Last day of entry for the Angas Engineering Scholarship examination.
12	Tu	First Term begins. LL.B., Supplementary Degree, and Senior Public Examinations begin.
13	W	
14	Th	
15	F	
16	S	Senate. Last day for sending to Clerk notices of motion for meeting of Senate on March 27th.
17	S	
18	M	Lectures begin.
19	Tu	
20	W	
21	Th	Finance Committee meet.
22	F	Council meeting.
23	S	
24	S	
25	M	
26	Tu	
27	W	Senate meeting.
28	Th	
29	F	Good Friday. Easter recess begins.
30	S	
31	S	Easter Day.

1907.		APRIL XXX.
1	M	Easter Monday (Public Holiday).
2	Tu	Easter recess ends.
3	W	Lectures resumed. Last day for sending in compositions for the Mus. Doc. Degree.
4	Th	
5	F	
6	S	
7	S	
8	M	
9	Tu	
10	W	
11	Th	
12	F	Education Committee meet.
13	S	
14	S	Conservatorium Half Term begins.
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	S	
22	M	
23	Tu	
24	W	
25	Th	Finance Committee meet.
26	F	Council Meeting.
27	S	
28	S	
29	M	
30	Tu	

MAY XXXI.

1907.

1	W	Last day of entry for Primary Examination in Theory of Music.
2	TH	
3	F	
4	S	
5	S	Education Committee meet.
6	M	
7	TU	
8	W	
9	TH	
10	F	
11	S	
12	S	
13	M	
14	TU	
15	W	
16	TH	
17	F	
18	S	
19	S	First Term and Lectures end. Conservatorium First Term ends.
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	



1907.		JUNE XXX.	
1	S		
2	S	Public Holiday (Prince of Wales' Birthday, 1865). Primary Examination in Theory of Music.	
3	M		
4	TU		
5	W		
6	TH		
7	F		
8	S		
9	S		Second Term begins. Lectures resumed. Conservatorium re-opens. Examination for the Angas Engineering Scholarship begins.
10	M		
11	TU		
12	W		
13	TH		
14	F	Education Committee meet.	
15	S		
16	S		
17	M		
18	TU		
19	W		
20	TH		
21	F		
22	S		
23	S	Finance Committee meet. Council Meeting. Last day for sending in compositions for the Mus. Bac. Degree.	
24	M		
25	TU		
26	W		
27	TH		
28	F		
29	S		
30	S		

JULY XXXI.		1907.
1 2 3 4 5 6	M Tu W Th F S	Last day of entry for the M.D. Examination in November
7 8 9 10 11 12 13	S M Tu W Th F S	Education Committee meet. Senate. Last day for sending to Clerk of Senate notices of motion for meeting of Senate on July 24th.
14 15 16 17 18 19 20	S M Tu W Th F S	Conservatorium Half Term begins.
21 22 23 24 25 26 27	S M Tu W Th F S	Last day of entry for the Primary Public Examination. Senate meeting. Finance Committee meet. Council Meeting.
28 29 30 31	S M Tu W	

1907.		AUGUST XXXI.
1	TH	
2	F	
3	S	
4	S	
5	M	
6	TU	
7	W	
8	TH	
9	F	Education Committee meet.
10	S	
11	S	
12	M	Examination for the degree of Doctor of Music begins.
13	TU	
14	W	
15	TH	
16	F	Second Term and Lectures end.
17	S	Conservatorium Term ends. Vacation begins.
18	S	
19	M	
20	TU	Primary Public Examination begins.
21	W	
22	TH	
23	F	
24	S	
25	S	
26	M	
27	TU	
28	W	
29	TH	Finance Committee meet.
30	F	Council Meeting.
31	S	

## SEPTEMBER XXX.

1907.

1	<b>S</b>	
2	<b>M</b>	Public Holiday. Eight Hours Day.
3	<b>TU</b>	Third Term begins. Lectures resumed. Conservatorium re-opens.
4	<b>W</b>	
5	<b>TH</b>	
6	<b>F</b>	
7	<b>S</b>	
8	<b>S</b>	
9	<b>M</b>	
10	<b>TU</b>	
11	<b>W</b>	
12	<b>TH</b>	
13	<b>F</b>	Education Committee meet.
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>	
26	<b>TH</b>	Finance Committee meet.
27	<b>F</b>	Council Meeting.
28	<b>S</b>	
29	<b>S</b>	
30	<b>M</b>	Last day for sending in Thesis for the M.A. or D.Sc. Degree.

1907.		OCTOBER XXXI.	
1	Tu	Last day of entry for the Junior, Senior, and Higher Public, and for the Junior and Senior Commercial Examinations.	
2	W		
3	Th		
4	F		
5	S		
6	S	Meeting of University to elect Representatives on the Board of Governors of the Public Library, &c.  Education Committee meet.	
7	M		
8	Tu		
9	W		
10	Th		
11	F		
12	S		
13	S	Last day of entry for Degree and Diploma Examinations, to be held in November.  Last day of entry for the Angas Engineering Exhibition Examination.	
14	M		
15	Tu		
16	W		
17	Th		
18	F		
19	S		
20	S		Conservatorium Half Term begins.  Finance Committee meet. Lectures end. Council Meeting.
21	M		
22	Tu		
23	W		
24	Th		
25	F		
26	S		
27	S		
28	M		
29	Tu		
30	W		
31	Th		

NOVEMBER XXX.		1907.
1	F	
2	S	
3	<i>S</i>	
4	M	
5	TU	
6	W	
7	TH	Degree and Diploma Examinations begin.
8	F	Education Committee meet.
9	S	King Edward VII. born, 1841.
10	<i>S</i>	
11	M	Public Holiday. (King Edward's Birthday.)
12	TU	
13	W	
14	TH	Angas Exhibition, Junior, Higher Public, and Senior Commercial Examinations begin.
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 for Notices of Motion for Senate Meeting on November 27th.
17	<i>S</i>	
18	M	
19	TU	
20	W	
21	TH	
22	F	
23	S	
24	<i>S</i>	
25	M	Senior Public and Junior Commercial Examinations begin.
26	TU	
27	W	Senate meeting. Election of Warden and Clerk and members of Council.
28	TH	Finance Committee meet.
29	F	Council Meeting.
30	S	

1907.		DECEMBER XXXI.
1	S	
2	M	
3	TU	
4	W	
5	TH	
6	F	Education Committee meet.
7	S	
8	S	
9	M	
10	TU	Third Term ends. Conservatorium closes.
11	W	
12	TH	Finance Committee meet.
13	F	Council Meeting.
14	S	
15	S	
16		
17	TU	
18	W	
19	TH	
20	F	
21	S	
22	S	
23	M	
24	TU	
25	W	Christmas Day.
26	TH	
27	F	
28	S	Anniversary of Proclamation of South Australia, 1836.
29	S	
30	M	
31	TU	

# The University of Adelaide.

1907.

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## Visitor.

HIS EXCELLENCY THE GOVERNOR.

## Chancellor.

THE RIGHT HON. SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D.,  
Lieutenant-Governor and Chief Justice of South Australia. Elected, for the  
fifth time, 31st October, 1902.

## Vice-Chancellor.

WILLIAM BARLOW, B.A., LL.D. Elected, for the fourth time, 30th November,  
1906.

## The Council.

### THE CHANCELLOR.

THE VICE-CHANCELLOR. Elected a member of the Council 28th November, 1906.

PROFESSOR WILLIAM HENRY BRAGG, M.A. Elected 28th November, 1906.

HON. GEORGE BROOKMAN, M.L.C. Elected 22nd November, 1905.

FREDERIC CHAPPLE, B.A., B.Sc. (Warden of the Senate). Elected 22nd Novem-  
ber, 1905.

PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. Elected 28th November, 1906.

JAMES RICHARD FOWLER, M.A. Elected 22nd November, 1905.

REV. HENRY GIRDLESTONE, M.A. Elected 22nd November, 1905.

JAMES ALEXANDER GREER HAMILTON, B.A., M.B. Elected 23rd November  
1904.

WILLIAM THORNBOROUGH HAYWARD, M.B.C.S. Elected 23rd November, 1904

WILLIAM JAMES ISBISTER, LL.B. Elected 13th December, 1905.

SAMUEL JOSHUA JACOBS, J. P. Elected 25th November, 1903.

REV. JAMES JEFFERIS, LL.D. Elected 25th November, 1903.

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. Elected 25th November, 1903

GEORGE JOHN ROBERT MURRAY, K.C., B.A., LL.B. Elected 23rd November,  
1904.

REV. DAVID PATON, M.A., B.D., D.D. Elected 28th November, 1906.

BENJAMIN POULTON, M.D. Elected 28th November, 1906.

ROBERT BARR SMITH. Elected 23rd November, 1904

SYDNEY TALBOT SMITH, M.A., LL.B. Elected 25th November, 1903.

PROFESSOR EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., F.R.S.,  
F.R.C.S. Elected 22nd November, 1905.

SIR CHARLES TODD, K.C.M.G., M.A., F.R.S. Elected 23rd November, 1904.

## The Senate.

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

WARDEN—FREDERIC CHAPPLE, B.A., B.Sc.

CLERK—THOMAS AINSLIE CATERER, B.A.



**Professors.**

*Hughes Professor of Classics, and Comparative Philology and Literature :—*

HENRY DARNLEY NAYLOR, M.A. (Camb.) Appointed 1907.

*Hughes Professor of English Language and Literature, and of Mental and Moral Philosophy :—*

WILLIAM MITCHELL, M.A., D.Sc (Edin.) Appointed 1894.

*Elder Professor of Mathematics and Physics :—*

WILLIAM HENRY BRAGG, M.A. (Camb.) Appointed 1885.

*Elder Professor of Anatomy :—*

ARCHIBALD WATSON, M.D. (Paris and Göttingen), F.R.C.S.  
Appointed 1885.

*Professor of Physiology :—*

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

*Angus Professor of Chemistry :—*

EDWARD HENRY RENNIE, M.A. (Sydney), D.Sc. (Lond.) Appointed  
1884. \*

*Professor of Law :—*

WILLIAM JETHRO BROWN, M.A., LL.D. (Camb.), LL.D., D. Litt.  
(Dub.) Appointed 1906.

*Professor of Modern History and English Language and Literature :—*

GEORGE COCKBURN HENDERSON, M.A. (Oxford). Appointed 1902

*Elder Professor of Music :—*

JOHN MATTHEW ENNIS, Mus. Doc. (Lond.). Appointed 1902.

**Lecturers.**

*Engineering :—*

ROBERT WILLIAM CHAPMAN, M.A., B.C.E. (Melb.) Appointed 1900,  
(Lecturer on Mathematics and Physics from 1888 to 1899.)

*Geology and Palaeontology :—*

WALTER HOWCHIN, F.G.S. Appointed 1902.

*Mineralogy and Petrology :—*

DOUGLAS MAWSON, B.E., B.Sc. (Syd.) Appointed 1905.

*The Law of Evidence and Law of Procedure :—*

FREDERICK AUGUSTUS D'ARENBERG, M.A. (Dub.) Barrister-at-  
Law. Appointed 1897.

*The Law of Contracts :—*

PERCY EMERSON JOHNSTONE, B.A., LL.B.

*The Law of Property Part II. :—*

WILLIAM JAMES ISBISTER, LL.B.

*The Law of Wrongs :—*

EDWARD ERSKINE CLELAND, LL.B.

*German Language and Literature :—*

REV. ERNST JOHN EITEL, M.A., Ph.D. Appointed 1899.

- Chemistry*:—  
WILLIAM TERNENT COOKE, D.Sc. (Adel.). Appointed 1906.
- Electrical Engineering*:—  
JOHN PERCIVAL VISSING MADSEN, B.Sc., B.E. (Syd.). Appointed  
Mathematics and Physics, 1901; Electrical Engineering, 1903.
- Education*:—  
PROFESSOR MITCHELL, M.A., D.Sc. Appointed 1931.
- The Principles and Practice of Medicine and Therapeutics*:—  
JOSEPH COOKE VERCO, M.D. (Lond.), F.R.C.S.
- The Principles and Practice of Surgery*:—  
BENJAMIN POULTON, M.D., Ch.B. (Melb.), M.R.C.S.
- Obstetrics and Diseases of Infants*:—  
ALFRED AUSTIN LONDON, M.D. (Lond.).
- The Dr. Edward Willis Way Lecturer on Gynaecology*:—  
JAMES ALEXANDER GREER HAMILTON, B.A., M.B. (Dub.).
- Therapeutics and Materia Medica*:—  
WILLIAM THORNBOROUGH HAYWARD, M.R.C.S.
- The Dr. Charles Gosse Lecturer on Ophthalmic Surgery*:—  
MARK JOHNSTON SYMONS, M.D., Ch.M. (Edin.).
- Forensic Medicine and Lunacy*:—  
WILLIAM LENNOX CLELAND, M.B. (Edin.).
- Bacteriology*:—  
THOMAS BORTHWICK, M.D. (Edin.).
- Oral Surgery*:—  
GEORGE ALFRED FISCHER, B.A., M.B., B.S.
- Pathological Anatomy and Operative Surgery*:—  
ARCHIBALD WATSON, M.D. (Paris and Göttingen), F.R.C.S.
- Pathology*:—  
WENTWORTH ROWLAND CAVENAGH-MAINWARING, M.B., B.S.  
(Adelaide), F.R.C.S. (England).
- Clinical Medicine*:—  
WILLIAM THORNBOROUGH HAYWARD, M.R.C.S.
- Clinical Surgery*:—  
WILLIAM ANSTEY GILES, M.B. (Edin.).
- Clinical Lecturer on Diseases of Children*:—  
ALFRED AUSTIN LONDON, M.D. (Lond.).
- Commercial Law*:—  
PERCY EMERSON JOHNSTONE, B.A., LL.B.
- Economics and Commercial History*:—  
PROFESSOR MITCHELL, M.A., D.Sc.
- Accountancy and Business Practice*:—  
BAZETT DAVID COLVIN, M.A. (Camb.)
- Banking and Exchange*:—  
WILLIAM NEILL.
- Commercial Geography and Technology*:—  
ROBERT JOHN MILLER CLUCAS.
- Botany*:—  
ELLEN IDA BENHAM, B.Sc. (Adel.).

**Clinical Teachers.****The Staff of the Adelaide and of the Children's Hospitals  
Adelaide Hospital.****CONSULTING MEDICAL AND SURGICAL STAFF.**

EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., F.R.S., F.R.C.S.  
ARCHIBALD WATSON, M.D., F.R.C.S.

**HONORARY MEDICAL AND SURGICAL STAFF.***Physicians* :—

WILLIAM T. HAYWARD, L.K.Q.C.P., M.R.C.S.  
F. W. NIESCHE, M.D., Edin.  
RICHARD S. ROGERS, M.S., M.D., Edin.  
JOSEPH C. VERCO, M.D., Lond.; F.R.C.S., Eng.

*Surgeons* :—

WILLIAM ANSTEY GILES, M.B., Ch.M., Edin.  
BENJAMIN POULTON, M.D., Melb.; M.R.C.S., Eng.  
ARTHUR M. CUDMORE, M.B., Ch.B., Ad.; F.R.C.S., Eng.

*Gynæcologists* :—

JAS. ALEX. GREER HAMILTON, M.B., Dublin.; L.R.C.S., Edin.  
T. G. WILSON, M.B., Ch.M., Sydney; F.R.C.S., Edin.

*Ophthalmologists* :—

A. W. HILL, M.D., Brux.; M.R.C.S., Eng.; L.R.C.P., Lond.  
MARK JOHNSTON SYMONS, M.D., M.Ch., Edin.

*Surgeon for Ear and Throat* :—

GEO. A. FISCHER, B.Sc., M.B., B.S., Ad.

*Assistant Gynæcologists* :—

ARTHUR F. A. LYNCH, M.B., B.S., Ad.  
WILLIAM A. VERCO, M.B., B.S., Ad.

*Bacteriologist* :—

THOMAS BORTHWICK, M.B., Ch.M., Edin.

*Assistant Bacteriologist* :—

HENRY HERBERT E. RUSSELL, M.B., Ch.B., Melb.; F.R.C.P., Edin.

*Assistant Physicians* :—

ARCHIBALD ALEX. HAMILTON, M.B., M.S., Dublin.  
EDWARD ANGAS JOHNSON, M.D., Ch.D., Göttingen; M.R.C.S., Eng.;  
L.R.C.P., Lond.  
HARRY SWIFT, M.D., Cantab.; M.R.C.S., Eng.  
CHARLES HENRY REISSMAN, M.B., Cantab.; M.R.C.S., Eng.

*Assistant Surgeons:—*

W. R. CAVANAGH-MAINWARING, M.B., Ch.B., Ad.; F.R.C.S., Eng.  
 CHARLES E. TODD, M.D., Brux.; M.R.C.S., Eng.; L.R.C.P., Lond.  
 FRANK W. A. MAGAREY, M.B., Ch.M., Syd

*Dental Surgeon:—*

ALEXANDER L. WHITE.

*Pathologist:—*

ARCHIBALD WATSON, M.D., F.R.C.S.

**Children's Hospital.***Medical Officers:—*

WILLIAM McDONALD CAMPBELL, L.R.C.P., F.L.P.S.G.  
 ALFRED EDGAR WIGG, M.B. (Brux.), M.R.C.S., L.R.C.P.  
 ALFRED AUSTIN LONDON, M.D. (Lond.).  
 HARRY SWIFT, M.D. (Camb.).  
 MARK JOHNSTON SYMONS, M.D., Ch.M. (Edin.).  
 ALEXANDER MATHESON MORGAN, M.B., B.S. (Adelaide).  
 JOHN BERNARD GUNSON, M.B., B.S. (Adel.), M.R.C.S. (Eng.)  
 GEORGE ALFRED FISCHER, M.B., B.S. (Adelaide).  
 ROBERT BRUMMITT, M.R.C.S. (Eng.), L.S.A. (Lond.).  
 CLAUDE TIDSWELL COOPER, M.B., B.S. (Adelaide).  
 HENRY SIMPSON NEWLAND, M.B., M.S. (Adelaide), F.R.C.S.

**Laboratory Assistants.***Physiological Laboratory:—**Demonstrator—*

WILLIAM FULLER.

*Physical Laboratory:—*

ARTHUR LIONEL ROGERS.

**Staff of the Elder Conservatorium of Music.***Director:—*

PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. (Lond.).

*Teachers of the Pianoforte:—*

IMMANUEL GOTTHOLD REIMANN.  
 BRYCESON TREHARNE, A.R.C.M.

*Teachers of Singing:—*

FREDERICK CHARLES BEVAN.  
 MISS GULI HACK, A.R.C.M.

*Teacher of the Violin:—*

HERMANN HEINICKE.

*Teacher of the Violoncello:—*

HAROLD STEPHEN PARSONS.

*Teacher of Orchestral Playing:—*

HERMANN HEINICKE.

*Teacher of Ensemble Playing (Chamber Music):—*

*Teacher of Theory of Music:—*

THOMAS HENRY JONES, MUS. BAC.

*Teacher of French and Italian:—*

STANISLAUS MARTIN LEDOCHOWSKI

*Teacher of Elocution:—*

EDWARD REEVES.

*Teacher of Sight Singing:—*

FREDERICK CHARLES BEVAN.

*Teacher of the Flute:—*

ALFRED BOEHM.

*Lady Superintendent:—*

MRS. J. S. WESTON.

#### **Registrar's Department.**

*Registrar:—*

CHARLES REYNOLDS HODGE. Appointed 1892.

*Accountant and Chief Clerk:—*

FREDERICK WILLIAM BARDLEY. Appointed 1900

*Librarian:—*

ROBERT JOHN MILLER CLUCAS. Appointed 1900.

#### **University Auditors.**

J. EDWIN THOMAS,

ARTHUR YOUNG HARVEY.

#### **Additional Examiners for Degrees, 1906.**

##### LL.B. DEGREE.

E. E. CLELAND, LL.B.	..	..	..	..	..	Law of Evidence and Procedure
P. E. JOHNSTONE, B.A., LL.B.	..	..	..	..	..	Constitutional Law
W. J. ISBISTER, LL.B.	..	..	..	..	..	Law of Wrongs
A. BUCHANAN	..	..	..	..	..	Law of Property, Part I.
G. J. R. MURRAY, K.C., B.A., LL.B.	..	..	..	..	..	Law of Property, Part II.
F. A. d'ARENBERG, M.A.	..	..	..	..	..	Law of Contracts and Jurisprudence
F. W. RICHARDS, LL.D.	..	..	..	..	..	Roman Law
T. S. POOLE, M.A.	..	..	..	..	..	International Law.

## M.B. DEGREE.

PROFESSOR WILSON, M.B., CH.M.	.. ..	Anatomy
G. E. RENNIE, B.A., M.D.	.. ..	Medicine
G. A. SYME, M.B.	.. ..	Surgery
R. WORRALL, M.D., CH.M.	.. ..	Gynæcology
T. BORTHWICK, M.D.	.. ..	Hygiene
PROFESSOR LIVERSIDGE, M.A., LL.D., F.R.S.	.. ..	Chemistry
PROFESSOR ANDERSON STUART, M.D., LL.D.	.. ..	Physiology

## M.D. DEGREE.

DR. O'SULLIVAN	.. ..	Gynæcology and Obstetrics
----------------	-------	---------------------------

## M.A. DEGREE.

F. A. TODD, PH.D.	.. ..	Classics (Honours)
-------------------	-------	--------------------

## B.A. DEGREE

F. A. TODD, M.A., PH.D.	.. ..	Classics (Honours)
F. I. MAURICE-CARTON, M.A.	.. ..	French
PROFESSOR LAURIE, LL.D.	.. ..	{ Ethics and Philosophy
A. WILLIAMS }	.. ..	Education
A. SCOTT, B.A. }	.. ..	

## D. SC. DEGREE.

## THESIS.

PROFESSOR LYLE, M.A., D.Sc.	
PROFESSOR POLLOCK, D.Sc.	

## B.Sc. DEGREE.

PROFESSOR ANDERSON STUART, M.D., LL.D.	Physiology (Honours)
--	----------------------

## DIPLOMA IN APPLIED SCIENCE.

A. L. MILLS	.. ..	Metallurgy II. and III.
A. H. MERRIN, M.C.E.	.. ..	Mining II.
CAPTAIN H. R. HANCOCK	.. ..	Mining, I.
W. T. COOKE, D.Sc.	.. ..	Assaying II. and III.
C. J. SANDERS	.. ..	Surveying and Levelling
S. H. BARACLOUGH, M.A., M.C.E.	.. ..	Mechanical Engineering III. and IV., and Machine Design IV.
PROFESSOR LYLE, M.A., D.Sc.	.. ..	Electrical Engineering

## MUS. BAC. DEGREE.

SIR HUBERT H. PARRY, BART., MUS. DOC.	.. ..	Of Mus. Bac. Exercises.
PROFESSOR PETERSON, MUS. BAC.	.. ..	Third Year.

## ADVANCED COMMERCIAL CERTIFICATE.

J. R. FOWLER, M.A.	.. ..	Business Practice
J. SHIELDS	.. ..	Banking and Exchange
A. W. PIPER	.. ..	Commercial Law
G. FOWLER STEWART	.. ..	Commercial Geography and Technology

## EXAMINATION IN BOTANY.

MISS E. I. BENHAM	B.Sc.
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**Officers of Local Centres:****SOUTH AUSTRALIA:—**

- CLARE—**  
Chairman—REV. CANON WEBB, M.A. ; Hon. Secretary—MAGNUS BADGER.
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Chairman—H. W. UFFINDELL; Hon. Secretary—S. R. PAGE.
- PORT PIRIE—**  
Chairman—F. S. DELANO; Hon. Secretary—B. H. MOORE, B.Sc.
- JAMESTOWN—**  
Chairman—H. BOUCAUT; Hon. Secretary—REV. T. H. FREWIN, M.A.
- LAURA—**  
Chairman—G. J. BILLS; Hon. Secretary—DEAN DAWSON, M.B., B.S.
- NARRACOORTE—**  
Chairman—A. ATTIWELL; Hon. Secretary—A. R. CAW, M.B., B.S., (Acting)
- MOUNT GAMBIER—**  
Chairman—F. H. DANIEL; Hon. Secretary—C. L. SPEHR, LL.B.
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Chairman—S. B. RUDALL, M.P.; Hon. Secretary—R. K. THOMSON.
- BURRA—**  
Chairman—J. I. SANGSTER, M.B., B.S.; Hon. Secretary—J. E. H. WINNALL.
- KAPUNDA—**  
Chairman—J. H. HITCHENS, J.P. Hon. Secretary—REV. A. G. FRY.

**WESTERN AUSTRALIA:—**

- CENTRE—PERTH—**  
Chairman—HON. J. W. HACKETT, LL.D., M.L.C.; Secretary—E. A. RANDELL.
- GOLDFIELDS CENTRE—**  
Hon. Secretary—J. WATSON BROWN, B.Sc., LL.B., Kalgoorlie.
- SUB-CENTRE—ALBANY—**  
Chairman—C. MCKENZIE; Hon. Secretary—
- BROKEN HILL, N.S.W. :—**  
Chairman—O. VON RIEBEN ; Hon. Secretary—JUSTIN MCCARTHY.

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

REV. DAVID PATON, M.A., B.D., D.D. } Elected 26th October.  
 PROFESSOR GEORGE COCKBURN HENDERSON, M.A. } 1906.

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

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S. Elected February, 1906.

**Former Officers of the University.****Chancellors.**

- SIR RICHARD DAVIES HANSON, CHIEF JUSTICE OF SOUTH AUSTRALIA Appointed 1874. Died 1876  
 THE RIGHT REV. AUGUSTUS (SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1876. Resigned 1883.

**Vice-Chancellors.**

- THE RIGHT REV. AUGUSTUS SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1874. Elected Chancellor 1876.  
 THE RIGHT HON. SIR SAMUEL JAMES WAY, BART., P.C., D.C.L., LL.D., CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed 1876. Elected Chancellor 1883.  
 THE REV. WILLIAM ROBY FLETCHER, M.A. Appointed 1883. Died 1894.  
 THE VENERABLE CANON FARR, M.A., LL.D. Appointed 1887.  
 JOHN ANDERSON HARTLEY, B.A., B.Sc., INSPECTOR-GENERAL OF SCHOOLS. Appointed 1893. Died 1896.

**Wardens of the Senate.**

- WILLIAM GOSSE, M.D. Elected 1877. Died 1883.  
 THE VENERABLE CANON FARR, M.A., LL.D. Elected 1880.

**Professors.***Classics* :—

- REV. HENRY READ, M.A. 1874-1878.  
 DAVID FREDERICK KELLY, M.A. 1878-1894.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. 1894.  
 EDWARD VON BLOMBERG BENSLEY, M.A., 1895-1905.

*English Language and Literature and Mental and Moral Philosophy* :—

- REV. JOHN DAVIDSON. 1874-1881.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. 1883-1894.

*Modern History and English Language and Literature* :—

- ROBERT LANGTON DOUGLAS, M.A., 1900-1902.

*Mathematics* :—

- HORACE LAMB, M.A., LL.D., F.R.S. 1875-1885.

*Law* :—

- WALTER ROSS PHILLIPS, LL.B. (Lecturer) 1883-1887.  
 FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. 1888-1896.  
 (Lecturer 1888-1890. Professor 1890-1896).  
 JOHN WILLIAM SALMOND, M.A., LL.B., 1897-1905.

*Natural Science* :—

- RALPH TATE, F.G.S. 1875-1901.

*Musio* :—

- JOSHUA IVES, Mus. BAC. 1884-1901.

**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.

**Former Registrars.**

- WILLIAM BARLOW, B.A., LL.D. 1874-1882.  
 JOHN WALTER TYAS. 1882-1892



## PAST AND PRESENT GRADUATES.

### A.

<i>Name.</i>	<i>Date.</i>	<i>University.</i>	<i>Degree.</i>
ADAMS, Alfred John .. ..	1900	Cambridge (1899)	M.A.
ADAMS, Reginald Arthur .. ..	1901	Cambridge (18 )	M.A.
ALLEN, James Bernard ... ..	1891		B.Sc.
ALTMANN, Charles August .. ..	1883	Melbourne (1883)..	M.B.
AMBROSE, Ethel Mary Murray .. ..	1903		M.B., B.S.
ANDERSON, James Robert .. ..	1884		LL.B.
ANDREWS, Richard Bullock .. ..	{ 1887 1891		B.A. LL.B.
ANGUS, William .. ..	1905	Aberdeen (1900) ..	B.Sc.
ANNELLS, William Charles .. ..	1899		M.A.
* ASH, George .. ..	1894		LL.B.
ASHTON, Thomas Badge .. ..	1903		M.B., B.S.
ASTLES, Harvey Bustace .. ..	1885	St. Andrews (1883)	M.D.
* AYERS, Frederic .. ..	1877	Cambridge (1875)	M.A.
AYERS, Julian .. ..	1895		LL.B.

### B.

BAKEWELL, John Warren .. ..	1877	Cambridge (1874)	M.A.
BARLOW, William .. ..	{ 1877 1885	Dublin (1856) " (1884)	B.A. LL.D.
BARRY, Alfred .. ..	1889	Oxford .. ..	LL.D.
BARWELL, Henry Newman .. ..	1899		LL.B.
† BAYLY, Brian Brock .. ..	1904		B.Sc.
BAYLY, William Reynolds.. ..	{ 1896 1898		B.A. B.Sc.
BEARE, Edwin Arthur .. ..	1892		LL.B.
BEARE, Thomas Hudson .. ..	1877		B.A.
BELL, Willoughby George .. ..	1901		B.Sc.
* BENBOW, John .. ..	1895		B.A.
BENHAM, Edward Warner .. ..	1891		LL.B.
BENHAM, Ellen Ida .. ..	1892		B.Sc.
BENHAM, Frederick Lucas .. ..	1901	London (1881) ..	M.D.
BENHAM, Rosamond Agnes .. ..	1902		M.B., B.S.
† BENNETT, Frederick Norman .. ..	1905		B.A.
BENNETT, Richard William .. ..	1901		LL.B.
BENSLEY, Edward von Blomberg .. ..	1895	Cambridge (1889)	M.A.
† BILLINGHURST, Harry .. ..	1904		B.A.
BIRKS, Lawrence .. ..	1894		B.Sc.

\* Deceased.

† Not yet Members of Senate.

BIRKS, Melville .. .. .	1903		M.B., B.S.
BLACKBURN, Charles Bickerton	1893		B.A.
BLACKNEY, Samuel .. .. .	1891	Toronto (1891) ..	M.B.
BLOXAM, Charles a'Court .. .. .	1891		LL.B.
BOAS, Isaac Herbert .. .. .	1890		B.Sc.
BOLLEN, Christopher .. .. .	1894	Toronto 1891) ..	M.D.
BOLLEN, Percival .. .. .	1890	Toronto (1899) ..	M.D.
BONNIN, James Atkinson .. .. .	1895		M.B., B.S.
BOOTHBY, Charles Brinsley .. .. .	1886		LL.B.
* BOOTHBY, William Robinson .. .. .	1877	London (1850) ..	B.A.
BORTHWICK, Ernest Lincoln .. .. .	1902	Edinburgh (1897)	M.B., C.M.
BORTHWICK, Thomas .. .. .	1892	Edinburgh (1891) ..	M.D.
BOSWORTH, Richard Leslie Eugene	1901		B.Sc.
BOULGER, Edward Vaughan .. .. .	1884	Dublin (1872) ..	M.A.
† BOWEN, Harold Charles .. .. .	1906		B.Sc.
BOWYEAR, George John Shirreff	1882	Cambridge (1871)	B.A.
† BRADY, Albert Edward .. .. .	1905		M.B., B.S.
BRAGG, William Henry .. .. .	1888	Cambridge (1888)	M.A.
BRAUER, Herman Gustav Adolph	1905	Wisconsin (1899)	M.A.
BRAY, Gildart Harvey .. .. .	1891	Aberdeen (1890) ..	M.A.
† BROOKS, Albert Joseph .. .. .	1904		B.A.
BROWN, Frederick George ... .. .	1906	London (1898)	B.A.
BROWN, James Watson .. .. .	{ 1893 1898		B.Sc. LL.B.
BROWN, Mary Home .. .. .	1902		B.Sc.
BROWN, William Jethro .. .. .	1906	Cambridge (1906)	LL.D.
† BRUMMITT, Robert Douglas .. .. .	1905		M.B., B.S.
BUNDEY, Ellen Milne .. .. .	1900		Mus. Bac.
BURGESS, May .. .. .	1899		B.Sc.
BURGESS, Thomas Martin .. .. .	1888		B.A.
† BURNELL, Reginald George .. .. .	1905		B.A.
† BURNARD, Eulalie Hardy Hanton	1905		M.B., B.S.
† BURNARD, Renfrey Gershom .. .. .	1904		M.B., B.S.
BURTT, Thomas .. .. .	1877	Cambridge (1855) ..	M.A.
BUTLER, Frederick Stanley .. .. .	1893		M.A.
BUXTON, Sir Thomas Fowell .. .. .	1895	Cambridge (1859) ..	M.A.
BYARD, Douglas John .. .. .	1889	Oxford (1882) ..	B.A.

## C.

* CAMPBELL, Allan James .. .. .	1896		M.B., B.S.
CAMPBELL, Archibald Way .. .. .	1896		M.B., B.S.
CAMPBELL, Colin Arthur Fitzgerald	1889	Cambridge (1889)	M.A.
CAMPBELL, Florence Way .. .. .	1897		Mus. Bac.
† CAMPBELL, Gordon Cathcart .. .. .	1906		B.A.
CAMPBELL, James Way .. .. .	{ 1903 1905		B.A. LL.B.

\* Deceased.

† Not yet Members of Senate.

* CARR, Whitmore .. .. .	1877	Dublin (1848) ..	M. A.
CA'FERER, Thomas Ainslie ..	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 William .. ..	1889	Melbourne (1888)	M. A.
CHAPPLE, Alfred .. .. .	1894		B. Sc.
CHAPPLE, Ernest .. .. .	1903		B. Sc.
CHAPPLE, Frederic (Warden of the Senate) .. .. .	1877	London (1870) ..	B. A.
CHAPPLE, Frederic John .. .. .	{ 1891 1898	Melbourne (1897)	B. Sc. M. B., Ch. B.
CHAPPLE, Harold .. .. .	1900		B. Sc.
CHAPPLE, Marian .. .. .	1894		B. A.
CHAPPLE, Phoebe .. .. .	{ 1898 1904		B. Sc. M. B., B.S.
* CHARLESWORTH, Thomas William	1877		M. A.
CHIGNELL, Arthur Kent .. .. .	1906		B. A.
* CHURCHWARD, Samuel .. .. .	1877	London (1873)	B. A.
CHURCHWARD, Spencer .. .. .	1903		M. A.
† CHURCHWARD, Stella Mary .. ..	1904		B. Sc.
CLARK, Archie Septimus .. .. .	1900		B. Sc.
* CLARK, Annie Millicent .. .. .	1904		B. A.
CLARK, Caroline .. .. .	1901		M. A.
CLARK, Edward Vincent .. .. .	1895		B. Sc.
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 .. .. .	1904		B. Sc.
CLELAND, William Lennox .. .. .	1880	Edinburgh (1876)	M. B.
COCKBURN, Sir John Alexander ..	1877	London (1874) ..	M. D.
COGHILL, Donald Murray Robertson	1906	Melbourne (1892)	M. 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		B. A., B.Sc.
CONNOR, Julian Dove .. .. .	1900		B. Sc.
CONYBEARE, William James .. ..	1895	Cambridge (1894)	B. A.
COOKE, Florence Emmeline .. .. .	1900		Mus. Bae.
COOKE, William Ernest .. .. .	1889		M. A.
COOKE, William Ternent .. .. .	{ 1900 1905		B. Sc. D. Sc.
COOPER, Constance May .. .. .	1904		M. B., B.S.
COOPER, Claude Tidswell .. .. .	1899	Melbourne (1899)	M. B., Ch. B.
CORBIN, Cecil .. .. .	1894		M. B., B.S.

\* Deceased.

† Not yet Members of Senate.

CORBIN, Hugh Burton .. ..	1892		B.Sc.
CORVAN, James Hamilton .. ..	1877	Dublin (1865) ..	B.A.
COVENTRY, Cameron Hilder .. ..	1900		B.Sc.
COWELL, Francis Henry .. ..	1903		B.A.
COWPERTHWAITTE, Elsie Eleanor	1906		M.A.
CRAWFURD, Lionel Payne .. ..	1897	Oxford (1890) ..	M.A.
CUDMORE, Arthur Murray .. ..	1894		M.B., B.S.
† CURTIS, Albert .. ..	1905		M.B., B.S.

## D.

DALBY, John .. ..	1891		B.A.
d'ARENBERG, Frederick Augustus	1881	Dublin (1876) ..	M.A.
† DARWIN, Lisle Julius .. ..	1905		B.A.
* DAVENPORT, Sir Samuel .. ..	1888	Cambridge (1886)	LL.D.
DAVIDSON, George .. ..	1898	St. Andrews (1879)	M.A.
DAVIES, Edward Harold .. ..	{ 1896 1902		Mus. Bac. Mus. Doc.
† DAVIS, Angelita Piutorcilla .. ..	1905		Mus. Bac.
† DAVIS, David .. ..	1906		B.A.
† DAWSON, Dean .. ..	1905		M.B., B.S.
DEANE, Charles Maslen .. ..	1877	Edinburgh (1862) ..	M.D.
DEMPSEY, Richard Francis .. ..	1888		LL.B.
* DENDY, Arthur .. ..	1877	Oxford (1851) ..	M.A.
DETTMANN, Herbert Stanley .. ..	1906	Oxford (1906) ..	M.A.
DEVENISH, Albert Sydney .. ..	1899		M.A.
† DODWELL, George Frederick .. ..	1905		B.A.
DONALDSON, Arthur .. ..	1881		B.A.
DONALDSON, George .. ..	1882		B.A.
DORNWELL, Edith Emily .. ..	1885		B.Sc.
DORSCH ( <i>née</i> Heyne), Agnes Marie Johanna .. ..	1891		B.A.
† DOUDY, Cecil Roy .. ..	1906		LL.B.
DOUGLAS, Francis John .. ..	1898	Melbourne (1897) ..	M.B., Ch.B.
DOUGLAS, Robert Langton .. ..	1900	Oxford (1891) ..	M.A.
DOVE, George .. ..	1877	Cambridge (1850) ..	M.A.
DOWNER, George Henry .. ..	1885		LL.B.
DOWNER, James Frederick .. ..	1895		LL.B.
DUFFIELD, Walter Geoffrey .. ..	1900		B.Sc.
* DUNCAN, Handasyde .. ..	1877	Glasgow (1831) ..	M.D.
* DUNLOP, James Dunlop .. ..	1883	Edinburgh (1831) ..	M.B.
* DURNO, Leslie .. ..	1893	Aberdeen ..	M.A.

## E.

EDESON, Emily Geraldine .. ..	1902	Melbourne (1899) ..	M.A.
† EDMUNDS, Charles Augustus .. ..	1904		LL.B.

\* Deceased.

† Not yet Members of Senate.

EITEL, Ernst John .. ..	1903	Tübingen (1871) ..	M. A.
ELCUM, Charles Cunningham ..	1879	Cambridge ..	M. A.
† ELLIS, Annie Rita .. ..	1905		B. Sc.
ENGLHART, August Friedrich Gottfried .. ..	1877	Giessen (1870) ..	M. D.
ENNIS, John Matthew .. ..	1902	London (1894) .	Mus. Doc
ESAU, Charles Frederick Herman ..	1877	Göttingen (1851) ..	M. D.
EVANS, Harold Maund .. ..	1897	Melbourne (1897)	M. B.

## F.

FAIRWEATHER, Andrew ..	1901		B. Sc.
FARR, Clinton Coleridge .. ..	{ 1888 1902		B. Sc. D. Sc.
* FARR, George Henry .. ..	{ 1877 1883	Cambridge (1853) .. " (1882) ..	M. A. LL. D.
† FARSKY, Hilda Gesina Franziska	1906		B. A.
FERGUSON, Andrew .. ..	1904		B. Sc.
* FIELD, Thomas .. ..	1877	Cambridge (1857) ..	M. A.
FINLAYSON, Ronald Nickels ..	1903		LL. B.
FINNISS, John Henry Suffield ..	1886	Edinburgh (1876) ..	M. B.
FISCHER, George Alfred .. ..	{ 1888 1894		B. A. M. B., B. S.
FLECKER, Oscar Sydney .. ..	1902	Sydney (1902) ..	M. B., Ch. M.
* FLETCHER, Alfred Watkis .. ..	1889		B. Sc.
* FLETCHER, William Roby .. ..	1877	London (1856) ..	M. A.
* FLOOD, John Wellesley .. ..	1881	Dublin .. ..	B. A., M. B.
FORREST The Right Honourable Sir John .. ..	1902	Cambridge ( ) ..	LL. D.
FOWLER, James Richard .. ..	1891	Cambridge (1890) ..	M. A.
FREWIN, Thomas Hugh .. ..	1892		M. A.
† FRY, Henry Kenneth .. ..	1905		B. Sc.

## G.

GARDINER, Beauchamp Lennox ..	1902		B. Sc.
† GARDNER, Edith Josephine ...	1906		B. A.
† GARDNER, George Gavin Forrest	1906		Mus. Bac.
* GARDNER, William .. ..	1877	Glasgow (1876) ..	M. D.
GARTRELL, Herbert William ..	1902		B. A., B. Sc.
GAULT, Arthur Henry .. ..	1901	London (1900) ..	M. D.
* GETHING, Robert .. ..	1877	Edinburgh (1847) ..	M. D.
GIBBES, Alexander Edward .. ..	1892		M. B., B. S.
GILES, Eustace .. ..	1889		LL. B.
GILES, Henry O'Halloran .. ..	1891		M. B., B. S.
GILES, Ireton Elliot .. ..	1897		B. A.
† GILES, Nigel Stuart .. ..	1905		B. Sc.
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.
GIRDLESTONE, Henry .. ..	1894	Oxford (1889) ..	M.A.
* GLOVER, Ralph Francis .. ..	1877	Queen's, Ireland (1869)	B.A.
GLYNN, Patrick McMahon .. ..	1898	Dublin (1879) ..	LL.B.
GOLDSMITH, Frederick .. ..	1889		M.B., B.S.
GOODE, Arthur .. ..	1894		M.B., B.S.
† GOOD, Emily Milvain .. ..	1904		B.A.
GOODE, Samuel Walter .. ..	1898		B.A.
† GORDON, James Leslie .. ..	1904		LL.B.
* GORGER, Oscar .. ..	1878	Heidelberg (1871) ..	M.D.
GOSNELL, Arthur William .. ..	1895	Cambridge (1888) ..	M.A.
* GOSSE, Charles .. ..	1877	Aberdeen (1875) ..	M.D.
* GOSSE, William .. ..	1877	Heidelberg (1870) ..	M.D.
GOYDER, Alexander Woodroffe ..	1889		B.Sc.
† GREENWAY, Harold .. ..	1906		B.Sc.
GREENWAY, Thomas Charles .. ..	1900		B.Sc.
GREGERSON, William Jens .. ..	1902	Melbourne (1899) ..	M.B., B.S.
† GRIFFITHS, Ernest William .. ..	1906		M.B., B.S.
GUNSON, George Frederick .. ..	1902		LL.B.
GUNSON, John Bernard .. ..	1898		M.B., B.S.
* GUNSON, John Michael .. ..	1877	Heidelberg (1867) ..	M.D.
GUNSON, William Joseph .. ..	1894		LL.B.

## H.

HACKETT, James Thompson .. ..	1882	Melbourne (1879) ..	B.A.
HALCOMB, Frederick .. ..	1877	Oxford (1859) ..	B.A.
† HALL, Charles Fishbourne .. ..	1905		B.A.
HALL, Anthony James Alexander ..	1888		LL.B.
HALL, Robert William .. ..	1884		LL.B.
HAMILTON, Alexander Archibald ..	1883	Dublin (1880) ..	M.B.
HAMILTON, Charles Wolfe .. ..	1899	Dublin (1894) ..	M.D.
HAMILTON, James Alexander Greer ..	1880	Dublin 1876) ..	M.B.
HAMILTON Thomas Kinley .. ..	1885	Dublin (1879) ..	M.D.
HANCOCK, George Alfred .. ..	1901		B.A.
* HARDING, Thomas Williamson .. ..	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton .. ..	1898		LL.B.
† HARGRAVE, Nathaniel John .. ..	1905		LL.B.
HARMER, John Reginald .. ..	1895	Cambridge (1884) ..	M.A.
HARRIS, Frank Dixon .. ..	1886		LL.B.
HARRIS, James Frederick .. ..	1901	Melbourne (1901) ..	M.B.
HARROLD, Rowland Edward .. ..	1892	Edinburgh (1890) ..	M.B.
HARRY, Arthur Hartley .. ..	1901		B.A.
* HARTLEY, John Anderson .. ..	1877	London (1863) ..	B.A.

\* Deceased.

† Not yet Members of Senate.

HASLAM, Joseph Auburn ..	..	1892		B.Sc.
HAWKER, Edward William ..	..	{ 1877 1902	Cambridge (1873) .. Cambridge (1890) ..	LL.B. M.A.
* HAY, Alexander Gosse ..	..	1897	Cambridge (1896) ..	B.A.
HAY, James ..	..	1883	Cambridge (1880) ..	LL.B., B.A.
HAYCRAFT, Edith Florence ..	..	1890		B.Sc.
HAYWARD, Charles Waterfield ..	..	1892	Oxford (1892) ..	M.A.
HAYWARD, Lionel Wykeham ..	..	1903		M.B., B.S.
HEADLAM, Morley Lewis Caulfield ..	..	1900	Oxford (1893) ..	M.A.
HEINEMANN, Edmund Lewis ..	..	1890	Oxford (1887) ..	B.A.
HENDERSON, George Cockburn ..	..	1902	Oxford (1897) ..	M.A.
* HENDERSON, James ..	..	1880		B.A.
HENDERSON, John Henderson ..	..	1899	Glasgow (1882) ..	M.B.
HENDERSON, William ..	..	1884		LL.B.
† HENDERSON, William ..	..	1904		B.A.
* HENNIKER-MAJOR, Albert Edward John ..	..	1891	Cambridge (1889) ..	B.A.
HENNING, Andrew Harriot ..	..	1887		LL.B.
† HESELTINE, Augustus Frederick ..	..	1904		B.Sc.
HEUZENROEDER, William Eberhard ..	..	1891		LL.B.
HEWITSON, Thomas ..	..	1884		LL.B.
HOCFOR, John Francis ..	..	1877	Dublin (1871) ..	B.A.
† HOLDEN, Edward Wheewall ..	..	1905		B.Sc.
HOLDER, Ethel Roby ..	..	1901		M.A.
† HOLDER, Sophia Ellen ..	..	1906		B.A.
* HOLDER, Sydney Ernest ..	..	1882		B.A.
HOLE, William Margarey ..	..	1898		Mus. Bac.
HOLLIDGE, David Henry ..	..	1889		M.A.
HONE, Frank Sandland ..	..	{ 1889 1894		B.A. M.B., B.S.
* HONE, Gilbert Bertram ..	..	1892		B.A.
† HOOPER, Charles William ..	..	1904		B.Sc.
HOPE, Charles Henry Standish ..	..	{ 1889 1891	Cambridge (1883) ..	B.A. M.D.
HOPE ( <i>née</i> Fowler), Laura Margaret ..	..	1891		M.B.
HOPKINS, Alfred Nicholas ..	..	1888		B.A.
* HOPKINS, William Fleming ..	..	1884		B.A.
HORN, Edward Palmer ..	..	1889		LL.B.
HORNABROOK, Rupert Walter ..	..	1896		M.B., B.S.
HOURIGAN, Richard Edward ..	..	1893		LL.B.
HOWCHIN, Stella ..	..	1893		B.Sc.
HOWELL, Edward Tucker ..	..	1877	Oxford (1860) ..	M.A.
HUGHES, Alfred ..	..	1889	Cambridge (1886) ..	B.A.
† HUNN, William Morgan ..	..	1905		M.B., B.S.
HUNTER, Oswald ..	..	1903		LL.B.
* HUSSEY, John ..	..	1901	Oxford (1889) ..	M.A.
HYNES, Timothy Augustin ..	..	1889	Edinburgh (1888) ..	M.B.

\* Deceased.

† Not yet Members of Senate.

## I.

ELIFFE, James Drinkwater .. .. .	1899		B.Sc.
INGLEBY, Rupert .. .. .	1889		LL.B.
IRWIN, Henry Offley .. .. .	1893		M.B., B.S.
ISBISTER, James Linklater Thomson	{ 1891 1896		B.Sc. M.B., B.S.
ISBISTER, William James .. .. .	1887		LL.B.
IVES, Joshua .. .. .	1885	Cambridge (1884) ..	Mus. Bac.

## J.

JACOMB-HOOD, Robert Gordon .. .. .	1905	Cambridge (1892) ..	M.A.
JEFFERIS, James .. .. .	{ 1877 1895	London (1866) .. Sydney (1885) ..	LL.B. LL.D.
JERVIS-SMITH, Frederick John .. .. .	1898	Oxford (1872) ..	M.A.
† JESSOP, Charles Lewis .. .. .	1906		LL.B.
JOHNSON, Edward Angus .. .. .	{ 1897 1901	Melbourne (1897) .. Göttingen (1899) ..	M.B., Ch.B. M.D.
JOHNSTONE, Percy Emerson .. .. .	{ 1894 1898		B.A. LL.B.
JOLLY, Norman William .. .. .	1901		B.Sc.
† JONA, Judah Leon .. .. .	1906		B.Sc.
JONES, Albert Edward .. .. .	1888		LL.B.
JONES, Thomas Henry .. .. .	1889		Mus. Bac.
JOSE, Edward Salisbury .. .. .	1905	Oxford (1904) ..	B.A.
JOSE, George Herbert .. .. .	1906	Oxford (1906) ..	M.A.
JUDE, Gertrude Josephine .. .. .	1901		B.Sc.
JUDELL, Maurice Wolf .. .. .	1903		B.Sc.

## K.

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, (née Püttmann), Franziska Helena Marie .. .. .	1898		Mus. Bac.
KENNION George Wyndham .. .. .	1883	Oxford (1871) ..	M.A.
KERR, Donald Alexander .. .. .	1883		B.A.
KINGSMILL, Walter .. .. .	1883		B.A.
KINGSTON, The Right Hon. Charles Cameron .. .. .	1898	D.C.L., Oxford (1897)	LL.D.
KINTORE, The Earl of .. .. .	{ 1889 1889	Cambridge (1877) .. Aberdeen (1889) ..	M.A. LL.D.
KIRBY, Mary Maude .. .. .	1890		B.Sc.
† KLEEMAN, Richard Daniel .. .. .	1905		B.Sc.
KNIGHT, Percy Norwood .. .. .	1888		B.A.
KNOWLES, Francis Edward .. .. .	1888		LL.B.
KOLLOSCHÉ, John .. .. .	1901		M.A.

\* Deceased.

† Not yet Members of Senate.



## L.

LABATT, Edward .. ..	1877	Dublin (1870) ..	B.A.
* LABATT, George Augustus ..	1877	Dublin (1839) ..	B.A.
LAMB, Horace .. ..	1877	Cambridge (1875) ..	M.A.
LANE, Annie .. ..	1904		M.A.
LANG, Sydney Chapman .. ..	1896		B.A.
LANGDON, Reginald Yorke .. ..	1903		B.Sc.
† LANGMAN, Mary Lillecrapp ..	1906		B.A.
† LATTY, Claude Percival .. ..	1905		LL.B.
LEDGEE, 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.
LEONARD, James .. ..	1877	London (1849) ..	B.A.
LONDON, Alfred Austin .. ..	1888	London (1881) ..	M.D.
LE MESSURIER, Thomas Abraham	{ 1893 1894		{ B.Sc. M.A.
† LEWIS, Eric Henry .. ..	1906		* M.B., B.S.
LILLYWHITE, Cuthbert .. ..	1899		B.Sc.
LIMBERT, Edgar Henry .. ..	1887		LL.B.
* 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.
LOWRIE, William .. ..	1883	Edinburgh (1883) ..	M.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.
MACAULAY, Robert Wilson .. ..	1903		B.A.
* MCCULLAGH, William George ..	1877	Dublin (1854) ..	B.A.
* MACBEAN, John .. ..	1877	Aberdeen (1832) ..	M.A.
MCBRIDE, William John .. ..	1898		B.Sc.
MCCARTHY, Walter James .. ..	{ 1891 1904		{ B.A. B.Sc.
MACK, Hans Hamilton .. ..	1880		B.A.
MACKENZIE, John George Kenneth	1894	Oxford (1888) ..	M.A.
* MACKINTOSH, James Sutherland	1878	Edinburgh (1838) ..	M.D.
† MACLENNAN, James Sydney Kil-			
coy .. ..	1906		LL.B.
MACULLY, Alexander .. ..	1901	Melbourne (1887) ..	M.A.
MADSEN, John Percival Vissing ..	1901	Sydney (1900) ..	B.Sc.
MADDEN, Sir John .. ..	1901	Cambridge .. ..	LL.D.

\* Deceased.

† Not yet Members of Senate.

MAGAREY, Cromwell William Ashley	1889		M.B., B.S.
MAGAREY, Frank William Ashley	{ 1901 1903	{ Sydney (1899) Sydney (1903)	.. M.B. .. M.D.
† MAGAREY, Rupert Eric ..	1904		M.B., B.S.
* MAGAREY, Sylvanus James ..	1888	Melbourne (1888)	.. M.D.
MAGAREY, William Ashley ..	1888		LL.B.
MAKIN, Frank Humprey ..	1906	Melbourne (1901)	M.B.
MANN, Charles .. ..	1887		LL.B.
* MARRYAT, Charles .. ..	1877	Oxford (1853)	.. M.A.
MARRYAT, Cyril Beaumont ..	1898		B.Sc.
MARRYAT, Ernest Neville ..	1888		B.A.
MARTEN, Robert Humphrey ..	1888	Cambridge (1888)	.. M.B.
† MARTIN, John Claude .. ..	1905		LL.B.
† MARTIN, Victor Garfield ..	1904		B.Sc.
MASTERS, Frederick George ..	1900	Cambridge (1898)	.. M.A.
MATTHEWS, Richard Twitchell ..	1884	London (1883)	.. B.A.
† MAUGHAN, Milton Moss ..	1904		B.A.
MAYO, Helen Mary .. ..	1902		M.B., B.S.
MEAD, Cecil Silas .. ..	{ 1887 1891		B.A. M.B., B.S.
MEAD, Silas .. ..	1877	London (1859)	.. M.A.
MELLOR, James Taylor .. ..	1888		LL.B.
MELROSE, Alexander .. ..	1886		LL.B.
† MILLER, Raymond Orlando Maurice	1905		B.A.
MILNE, William Somerville ..	1890	Oxford (1886)	.. M.A.
MINCHIN, Edward James .. ..	1894	Dublin (1879)	.. B.A.
MITCHELL, James Thomas .. ..	1885	Aberdeen (1885)	.. M.D.
† MITCHELL, Percival Harris ..	1906		B.A.
MITCHELL, Samuel James .. ..	1890		LL.B.
MITCHELL, William .. ..	1895	Edinburgh (1886)	.. M.A.
MITTON, Ernest Gladstone ..	1899		B.Sc.
MOORE, Bertie Harcourt .. ..	1900		B.Sc.
MOORE, Edwin Canton .. ..	1882		B.A.
† MOORE, George Douglas .. ..	1904		B.Sc.
MORGAN, Alexander Matheson ..	1890		M.B., B.S.
* MORRIS, Edward Ellis .. ..	1901	Oxford ..	.. M.A.
* MORSE, Charles William .. ..	1877	Cambridge (1850)	.. B.A.
MOULE, Edward Ernst .. ..	1893		M.B., B.S.
† MOYES, John Stoward .. ..	1905		B.A.
* MUECKE, Carl Wilhelm Ludwig ..	1877	Jena (1847)	.. M.A.
MUECKE, Francis Frederick ..	1902		M.B., B.S.
MURRAY, George John Robert ..	1883		B.A.

## N.

NAIRN, Alexander Livingstone ..	1902		B.A.
NANKIVELL, John Thomas .. ..	1877	Cambridge (1871)	.. B.A.

\* Deceased.

† Not yet Member of Senate.

NAPIER, Alexander Disney Leith	1899	Aberdeen (1878)	..	M.D.
NAPIER, Thomas John Mellis	..	1902		LL.B.
NAYLOR, Henry Darnley	..	1906	Cambridge (1894)	M.A.
* NESBIT, William Peel	..	1877	Edinburgh (1873)	.. M.B.
* NEUBAUER, Max Friedrich	..	1877	Munich (1873)	.. M.D.
NEWLAND, Clive	..	1902		M.B., B.S.
NEWLAND, Henry Simpson	..	{ 1896		M.B., B.S.
		{ 1902		M.S.
NEWLAND, Philip Mesmer	..	1896		LL.B.
NEWMAN, Edgar Harrold	..	1894		LL.B.
NEWMAN, George Gough	..	1892	London (1891)	.. B.A.
NICHOLLS, Leslie Herbert	..	1893		B.A.
NIESCHE, Frederick William	..	1889	Edinburgh (1886)	.. M.D.
NOLTENIUS, Harry Edward	..	1902		B.A.
NORTHMORE, John Alfred	..	1887		LL.B.

## O.

* OAKELEY, Sir Herbert Stanley	..	1895	Oxford	..	Mus. Doc.
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## P.

PADMAN, Edward Clyde	..	{ 1897		B.A.
		{ 1900		LL.B.
† PADMAN, Clara Helen	..	1904		B.A.
† PAINÉ, Herbert Kingsley	..	1904		LL.B.
* PALMER, Hamilton Charles	..	1877	London (1851)	.. LL.B.
PARKIN, George Robert	..	1903	McGill, Canada	.. LL.D.
PARSONS, Herbert Angas	..	1897		LL.B.
† PATCHELL, Mary Emma	..	1906		B.A.
* PATERSON, Alexander Stuart	..	1877	Edinburgh (1857)	.. M.D.
PATON, Adolph Ernest	..	1902		B.Sc.
PATON, Alfred Maurice	..	1898		B.Sc.
PATON, David	..	1878	Glasgow (1864)	.. M.A.
PATON, Dora Isabel	..	1902		B.Sc.
† PEARSON, Henry Ernest	..	1904		B.Sc.
† PELLEW, Leonard James	..	1906		M.B., B.S.
PENNEFATHER, Frederick William	1888	Cambridge (1874)	..	B.A.
† PHILLIPPS, Herbert Tarlton	..	1905		B.Sc.
PHILLIPS, James Howard	..	1902		B.Sc.
PHILLIPS, Walter Ross	..	1883	Cambridge (1878)	.. LL.B.
† PITT, Arthur William	..	1906		B.A.
† PLUMMER, Rex Garnet	..	1906		M.B., B.S.
PLUMMER, Violet May	..	{ 1893		B.Sc.
		{ 1897	Melbourne (1897)	.. M.B.
POOLE, Dorothea Landon	..	1906		M.A.
POOLE, Frederick Slaney	..	1877	Cambridge (1875)	.. M.A.

\* Deceased.

† Not yet Members of Senate.

POOLE, Henry John .. ..	1877	Oxford (1856) ..	M.A.
POULTON, Benjamin .. ..	1884	Melbourne (1883) ..	M.D.
POWELL, Henry Arthur .. ..	1891		M.B., B.S.
PRICE, Arthur Jennings .. ..	1890		LL.B.
PRIEST, Herbert James .. ..	{ 1902		B.Sc.
	{ 1904		B.A.
† PROUD, Emily Dorothea .. ..	1906		B.A.
† PUDDY, Maude Mary .. ..	1905		Mus. Bac.

R.

RANDELL, Allan Elliott .. ..	1897	Melbourne (1897) ..	M.B., Ch.B.
RAWLINGS, Joseph Henry .. ..	1877	Edinburgh (1866) ..	M.D.
† RAY, William .. ..	1906		M.B., B.S.
RAYNOR, Philip Edwin .. ..	1890	Oxford (1882) ..	M.A.
READ, Henry .. ..	1877	Cambridge ..	M.A.
REISSMANN, Charles Henry .. ..	1902	Cambridge (1902) ..	M.D.
* RENNERT, 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 ..	1906		B.Sc.
RICHARDS, Frederick William ..	1897	London (1896) ..	LL.D.
* RICHARDSON, Frank Joseph Webb	1893		B.Sc.
ROBERTSON, Joseph .. ..	1894	Sydney (1877) ..	M.A.
ROBERTSON, Lionel Joseph .. ..	1896		B.A.
† ROBERTSON, Thorburn Brailsford	1905		B.Sc.
ROBERTSON, William .. ..	1905	Melbourne (1882) ..	M.B.
ROBINSON, Roy Lister .. ..	1903		B.Sc.
* ROBINSON, William George .. ..	1873		B.A.
ROBIN, Charles Ernest .. ..	1886		B.A.
ROBIN, Percy Ansell .. ..	{ 1880		B.A.
	{ 1885	London (1885) ..	M.A.
ROGERS, Richard Sanders .. ..	{ 1891	Edinburgh (1887) ..	Ch.M.
	{ 1897	Edinburgh (1893) ..	M.D.
	{ 1899		M.A.
ROWLEY, Frederick Pelham .. ..	1837		LL.B.
† RUDALL, Reginald John .. ..	1906		LL.B.
* RUSSELL, Alfred Edward James ..	1893		M.B., B.S.
RUSSELL, Herbert Henry Ernest ..	{ 1899	Melbourne (1899) ..	M.B., Ch.B.
	{ 1905		M.D.
† RUSSELL, Robert Douglas .. ..	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, Isabel Mary .. ..	1905		B.A.

\* Deceased.

† Not yet Members of Senate.

SANDISON, Alexander .. ..	1906	Edinburgh (1906)	M.B.
SANGSTER, John Ikin .. ..	1893		M.B., B.S.
† SCHULZ, Adolf John .. ..	1905		B.A.
SCOTT, Andrew .. ..	1883	Melbourne (1881) ..	B.A.
SCOTT, Douglas Comyn .. ..	1888		LL.B.
† SCOTT, Malcolm Leslie .. ..	1904		M.B., B.S.
SEABROOK, Leonard Llewellyn ..	1891		M.B., B.S.
SEABROOK, Thomas Edward Fraser	1877	St. Andrews (1861)	M.D.
SEARLE, Frederick John .. ..	1902		B.A.
* SELLS, Alfred .. ..	1877	Cambridge (1847) ..	M.A.
SEWELL, Charles Edward .. ..	1886		LL.B.
SEWELL, Frank .. ..	1899		B.A.
SHANAHAN, Patrick Francis .. ..	1893		M.B., B.S.
SHARP, Cecil James .. ..	1882	Cambridge (1882) ..	B.A.
SHARP, William Hey .. ..	1877	Oxford (1871) ..	M.A.
† SHAW, James .. ..	1904		B.Sc.
SHIERLAW, Howard Alison .. ..	1902		LL.B.
* SHORT, Augustus .. ..	1877	Oxford (1826) ..	M.A.
SHUTER, Richard Ernest .. ..	1895	Melbourne (1891) ..	M.B.
SIMPSON, Henry Gordon Liddon ..	1896		LL.B.
SKIPPER, Stanley Herbert .. ..	1901		LL.B.
SMEATON, Bronte .. ..	1896		M.B., B.S.
SMEATON, Stirling .. ..	1880		B.A.
* SMITH, Arthur William .. ..	1877	London (1872) ..	M.D.
SMITH, Frank .. ..	1903		B.Sc.
† SMITH, Harold Whitmore .. ..	1906		B.Sc.
SMITH, Ida Gwendoline Viner .. ..	1902		B.A.
† SMITH, James .. ..	1905		LL.B.
SMITH, James Walter .. ..	1882	London (1856) ..	LL.D.
SMITH, Julian Augustus Romaine	1892		B.Sc.
SMITH, Sydney Talbot .. ..	1886	Cambridge (1884) ..	LL.B.
SMITH, William Ramsay .. ..	{ 1903 1904 1904	{ Edinburgh (1898) .. Edinburgh (1892) .. Adelaide ..	{ B.Sc. M.B. D.Sc.
† SMYTH, Isabel Agnes Ekin .. ..	1905		B.A.
SMYTH, John Thomas .. ..	1878	Melbourne (1874) ..	B.A.
SOLOMON, Isaac Herbert .. ..	{ 1895 1898		{ B.A. LL.B.
SOLOMON, Judah Moss .. ..	{ 1888 1891		{ B.A. LL.B.
SOLOMON, Susan Selina .. ..	1890		B.Sc.
SOUTER, John Francis .. ..	1897	Aberdeen (1889) ..	M.B.
SPEHR, Carl Louis .. ..	1895		LL.B.
SPICER, Edward Clark .. ..	1877	Melbourne (1877) ..	B.A.
STANFORD, William Bedell .. ..	1879	Oxford (1864) ..	M.A.
STEPHENS, Charles Francis .. ..	1897		B.Sc.
* STEWART, Robert .. ..	1886	Melbourne (1886) ..	M.D.

\* Deceased.

† Not yet Members of Senate.

STIRLING, Edward Charles	..	{ 1877	Cambridge (1872) ..	M.A.
		{ 1882	Cambridge (1880) ..	M.D.
STIRLING, Sir John Lancelot	..	1877	Cambridge (1871) ..	LL.B.
† STOKES, Alfred Francis	..	1904		M.B., B.S.
STOKES, Edward	..	1903		B.A.
STOW, Francis Leslie	..	1892		LL.B.
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	..	1906		B.Sc.
* SUNTER, Joseph Tregilgas	..	1883	Melbourne (1880) ..	B.A.
SUTHERLAND, Archibald Cook	..	1839	Edinburgh (1865) ..	M.A.
* SUTHERLAND, George	..	1882	Melbourne (1879) ..	M.A.
SWAN, Warren Alexander	..	1905		B.A.
SWIFT, Harry	..	1888	Cambridge (1887) ..	M.D.
* SYMON, William	..	1879	St. Andrews (1876)	M.A.
SYMONS, Mark Johnston	..	1885	Edinburgh (1878) ..	M.D.

## T.

TENNYSON, Hallam, Baron	..	1900	Litt.D. Cambridge (1899)	LL.D.
* THOMAS, John Davies	..	1877	London (1871) ..	M.D.
THOMAS, Arthur Nutter	..	1906	Cambridge (1895) ..	M.A.
THOMAS, Thomas Eggleston	..	1883	Melbourne (1831) ..	M.A.
THOMPSON, Thomas Alexander	..	1836		B.Sc.
THOMSON, James Simpson	..	1906		B.Sc.
TODD, Sir Charles	..	1886	Cambridge (1886) ..	M.A.
* TODMAN, James	..	1877	Edinburgh (1852) ..	M.D.
TOLLEY, Frank Gordon	..	{ 1901	Cambridge (1889) ..	LL.B.
		{ 1906	Cambridge (1906) ..	M.A.
TORR, William George	..	1892	Dublin (1892) ..	LL.D.
TRATMAN, Frank	..	1899	London (1892) ..	M.D.
TREHY, Annie Louisa Virginia	..	1890		B.Sc.
TRELEAVEN, Walter	..	1893		B.Sc., M.A.
TRÜDINGER, Anna	..	1892		B.A.
† TRÜDINGER, Ronald	..	1905		B.Sc.
TRÜDINGER, Walter	..	1892		B.A.
TUCKER, William Alfred Edgcombe	..	1885		B.A., LL.B.
TUCKWELL, Ernest Sinclair	..	1902		B.A.
TYAS, Margaret Elizabeth	..	1905	London (1905) ..	B.Sc.

## U.

UPTON, Henry	..	1888		LL.B.
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\* Deceased.

† Not yet Members of Senate.

## V.

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

## W.

* WADEY, Walter Henry .. ..	1894		LL.B.
WAINWRIGHT, Edward Harley ..	1883	London (1878)	B.Sc.
WAINWRIGHT, Charles Leonard	1900		B.Sc.
WALE, William Henry .. ..	1896	Oxford (1874)	Mus. Bac
H.R.H. THE PRINCE OF WALES	1901	D.C.L., Oxford	
		LL.D., Cambridge	
		(1894)	LL.D. B.Sc.
WALKER, Daniel .. ..	1887		B.Sc.
WALKER, Ellen Lawson .. ..	1899		B.A.
* WALKER, William John .. ..	1885		B.A.
† WALTON, Gertrude Mary .. ..	1904		B.A.
WARD, John Frederick .. ..	1903		B.A.
WARREN, Thomas Hogarth .. ..	1889		LL.B.
WATSON, Archibald .. ..	1885	Paris and Göttingen (1880)	M.D.
* WAY, Edward Willis .. ..	1877	Edinburgh (1871)	M.B.
WAY, The Right Hon. Sir Samuel James (Bart.) .. ..	1892	D.C.L., Oxford (1891)	LL.D.
WEBB, Noel Augustin .. ..	1886		LL.B.
WEBB, Robert Bennett .. ..	1877	Oxford (1869)	M.A.
WEHRSTEDT, Walter Franz .. ..	1899		B.A.
WELD, Elizabeth Eleanor .. ..	1901	Melbourne (1901)	M.B.
* WELD, Octavius .. ..	1877	Toronto (1856)	B.A.
WELLS, Clement Victor .. ..	1902		M.B., B.S.
WEST, Arthur George Bainbridge	1897	Oxford (1892)	M.A.
† WEST, Gordon Roy .. ..	1904		B.Sc.
WEST, Reginald Arthur .. ..	1902		B.A.
* WEST-ERSKINE, William Alexander Erskine .. ..	1877	Oxford (1864)	M.A.
WHEATLEY, Frederick William ..	{ 1890 1904		B.Sc. B.A.
WHEELER, Alfred .. ..	1904	Cambridge ( )	M.A.
† WHITHAM, Annie Beatrice .. ..	1905		B.A.
WHITTINGTON, Bertram .. ..	1899		B.Sc.
WHITTINGTON, Frederick Taylor ..	1886		LL.B.
* WHITTELL, Horatio Thomas .. ..	1877	Aberdeen (1858)	M.D.
WILKINSON, Frederick William ..	1884		B.A.

\* Deceased.

† Not yet Members of Senate.

STUDENTS WHO HAVE OBTAINED FINAL CERTIFICATE IN LAW. 45.

† WILKS, Vida Alice .. ..	1904		B.A.
* WILLIAMS, Francis .. ..	1877	Oxford (1860) ..	M.A.
† WILLIAMS, Frank Laurie ..	1905		LL.B.
† WILLIAMS, Mabel Evangeline ..	1906		B.A.
WILLIAMS, Matthew .. ..	1887		B.A.
WINWOOD, Susan Ann .. ..	1904		Mus. Bac.
WILSON, Charles Ernest Cameron	1900	Melbourne (1899) ..	M.B.
WILSON, James Beith .. ..	1896		B.A.
WILSON, Thomas George .. ..	1904	Sydney (1904) ..	M.D.
WILTON, John Raymond .. ..	1903		B.Sc.
WOOD, Montague Couch .. ..	1888	Oxford (1880) ..	M.A.
* WOODS, John Crawford .. ..	1877	Edinburgh (1848) ..	B.A.
WOOLNOUGH, Harold .. ..	1906		B.A.
WOOLNOUGH, Walter George ..	1904	Sydney (1904) ..	D.Sc.
WORTHINGTON, Thomas .. ..	1898	Cambridge ..	M.A.
WRIGHT, Charlotte Elizabeth Arabella	1888		B.A.
† WRIGHT, George Herbert .. ..	1906		B.A.
WRIGHT, Lewis Garner .. ..	1891		LL.B.
WRIXON, Sir Henry John .. ..	1901	Dublin .. ..	M.A.
WYLLIE, Alexander .. ..	{ 1888 1891		B.A. B.Sc.

Y.

YOUNG, Aretas Charles William ..	1883	Oxford (1871) ..	B.A.
YOUNG, David Hastings .. ..	1894	Edinburgh ..	M.B.
YOUNG, Frederick William .. ..	1897		LL.B.
YOUNG, William John .. ..	1883	Dublin (1882) ..	M.A.

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

ANDREWS, Walter Frederick .. ..	1888
ASHTON, Edward James Wilberforce ..	1896
ATKINSON, Alfred Harris Owst .. ..	1900
BENNY, Benjamin .. ..	1891
BERRY, George Augustus .. ..	1887
* BERTRAM, Robert Matthew .. ..	1888
BOUCAUT, George Hiles .. ..	1906
BRAY, Cecil Thomas .. ..	1900
BRIGHT, William Stuart .. ..	1904
CASTLE, Gordon Harwood .. ..	1885

\* Deceased.

† Not yet Members of Senate.



## 46 STUDENTS WHO HAVE OBTAINED FINAL CERTIFICATE IN LAW.

CAVENAGH, James Gordon	..	..	..	..	..	1870
DOWNER, Frank Hagger	..	..	..	..	..	1886
DRIFFIELD, George Carus	..	..	..	..	..	1889
DURSTON, Sidney Bridle	..	..	..	..	..	1889
FLEMING, Stanley Hugh	..	..	..	..	..	1902
FOSTER, Henry Edgar	..	..	..	..	..	1889
FOX, John Henry	..	..	..	..	..	1895
GOLDSWORTHY, William Beazley	..	..	..	..	..	1903
* GREER, George Andrew	..	..	..	..	..	1889
GWYNNE, Ilted Gordon	..	..	..	..	..	1891
HAGUE, Percy	..	..	..	..	..	1897
* HAMP, John Chipp	..	..	..	..	..	1887
HARGRAVE, Charles Townshend	..	..	..	..	..	1904
HARGRAVE, Joshua Addison	..	..	..	..	..	1890
HESELTINE, Samuel Richard	..	..	..	..	..	1903
HILL, Henry Richard	..	..	..	..	..	1887
HILL, Herbert Edward	..	..	..	..	..	1898
HOMBURG, Hermann	..	..	..	..	..	1896
HOMBURG, Robert	..	..	..	..	..	1897
JAMES, Alfred Charles	..	..	..	..	..	1899
JOHNSON, James Howard	..	..	..	..	..	1900
JOYNER, Frederick Allen	..	..	..	..	..	1885
KEATS, Frederick Phillips	..	..	..	..	..	1900
KENNEDY, Donald Angus	..	..	..	..	..	1909
LITTLE, Egbert Percy Graham	..	..	..	..	..	1898
MCEWIN, George	..	..	..	..	..	1897
MCLACHLAN, Alexander John	..	..	..	..	..	1894
MICHELL, George Francis	..	..	..	..	..	1888
MOULDEN, Frank Beaumont	..	..	..	..	..	1895
NESBIT, Reginald George	..	..	..	..	..	1900
NICHOLLS, Theodore Henry	..	..	..	..	..	1900
OWEN, William Frederick	..	..	..	..	..	1906
PENNY, Clifton Raymond	..	..	..	..	..	1893
ROUNSEVELL, Horace Vernon	..	..	..	..	..	1888
ROWLEY, Spencer Toler	..	..	..	..	..	1888
SHEPHERD, Joseph Scoresby	..	..	..	..	..	1899
SMITH, Francis Villeneuve	..	..	..	..	..	1906
STOCKDALE, William John	..	..	..	..	..	1889
STUART, Walter Leslie	..	..	..	..	..	1900
SUPPLE, Charles Joseph	..	..	..	..	..	1900
* TAYLOR, Harry Braithwaite	..	..	..	..	..	1886
TENNANT, Frederick Augustus	..	..	..	..	..	1899
VANDENBERGH, William John	..	..	..	..	..	1896
VON BERTOUCHE, Rupert Paul Albrecht	..	..	..	..	..	1892
VON DOUSSA, Stanley Bowman	..	..	..	..	..	1901
* WADEY, Walter Henry	..	..	..	..	..	1892
WARD, Henry Torrens	..	..	..	..	..	1900

\* Deceased.

WEAVER, Alfred Charles ..	**	**	**	**	1903
WHITEBY, Percy Edward Robert ..	**	**	**	**	1891
WIGLEY, Henry Vandeleur ..	**	**	**	**	1890
WINNALL, John Edward Hyde ..	**	**	**	**	1893
WOOLDRIDGE, William Phillips ..	**	**	**	**	1894
WRIGHT, Charles Joseph Harvey ..	**	**	**	**	1888

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**Associates in Music.**

BRUGGEMANN, Martha Dorothy ..	**	**	**	**	1904
DAVY, Ruby Claudia Emily ..	**	**	**	**	1903
HANTKE, Ethel Hilda Hedwig ..	**	**	**	**	1902
HILLS, Walter Bedford ..	**	**	**	**	1904
JOYCE, Kate ..	**	**	**	**	1904
MANNING, Hilda Mahala ..	**	**	**	**	1902
KEMP, Marion Kirkwood ..	**	**	**	**	1903
PARKINSON, Charlotte Ethel Violet ..	**	**	**	**	1901
PHIPPS, Charlotte Lucy Barkwell ..	**	**	**	**	1905
PUDDY, Maude Mary ..	**	**	**	**	1900
RUDEMANN, Elsa Wilhelmine ..	**	**	**	**	1903
SAYERS, Alice Mabel..	**	**	**	**	1901
SPEHR, Francesca ..	**	**	**	**	1901
WHILLAS, Helen May ..	**	**	**	**	1901

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

ANNELLS, Herbert Edward ..	**	**	**	**	1905
COFFEY, William James ..	**	**	**	**	1904
DONNELLY, Albert Laurence ..	**	**	**	**	1905
HARRISON, William Frank ..	**	**	**	**	1906
HOGBEN, Alfred Richard ..	**	**	**	**	1904
KIRKMAN, David ..	**	**	**	**	1905
KLEEMANN, Theodore Richard ..	**	**	**	**	1906
McMICHAEL, Clunie Brice ..	**	**	**	**	1904
MENKENS, Frank Hermann ..	**	**	**	**	1906
MESSENT, Albert Edward ..	**	**	**	**	1906
MUIR, Thomas Grieve ..	**	**	**	**	1906
ROBERTSON, John George ..	**	**	**	**	1904
THOMAS, Harold Clarke ..	**	**	**	**	1906

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

BELL, Willoughby George, B.Sc.	..	..	..	..	1903
CLARK, Archie Septimus, B.Sc.	..	..	..	..	1902
CLELAND, William Lauder, B.Sc.	..	..	..	..	1905
CONNOR, Julian Dove, B.Sc.	..	..	..	..	1902
FAIRWEATHER, Andrew, B.Sc.	..	..	..	..	1904
GARDINER, Beauchamp Lennox, B.Sc.	..	..	..	..	1904
GREENWAY, Thomas Charles, B.Sc.	..	..	..	..	1904
HESELTINE, Frederick Augustus, B.Sc.	..	..	..	..	1905
HOOVER, Charles William, B.Sc.	..	..	..	..	1903
JUDELL, Lester Maurice Wolf, B.Sc.	..	..	..	..	1905
LANGDON, Reginald Yorke, B.Sc.	..	..	..	..	1905
MCARTHUR, David William Stanley, B.Sc.	..	..	..	..	1904
MARTIN, Victor Garfield, B.Sc.	..	..	..	..	1906
MOORE, Bertie Harcourt, B.Sc.	..	..	..	..	1904
PATON, Adolph Ernest, B.Sc.	..	..	..	..	1902
WAINWRIGHT, Charles Leonard, B.Sc.	..	..	..	..	1905
WHITTINGTON, Bertram, B.Sc.	..	..	..	..	1901

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**Diploma in Electric Engineering.**

CHAPPLE, Ernest, B.Sc.	..	..	..	..	1904
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**Diploma in Applied Science.**

**MINING ENGINEERING.**

ROBINSON, Roy Lister, B.Sc.	..	..	..	..	1904
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**ELECTRICAL ENGINEERING.**

SMITH, Harold Whitmore	..	..	..	..	1906
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 Marshall, Alfred Wibber  
 Marston, Reginald Gladstone  
 Maughan, Harold Melville  
 Menkens, Frank Hermann  
 Messent, Albert Edward  
 Miller, Leonard Samuel  
 Miller, William Charles  
 Milne, Alexander  
 Mitton, Victor Robert  
 Muecke, Carl Wilhelm Ludwig  
 Muir, Thomas Grieve  
 Neill, Wilfred Roy  
 Nalty, Claude Hornick  
 Nicholas, Herbert Thomas  
 Norman, Leonard Campbell  
 Norton, John Charles Brazil  
 O'Brien, Herbert George  
 Olifent, Elwin Bruce  
 Pank, Arthur Locke  
 Parker, Ferdinand Lucas  
 Paterson, Eric Stewart  
 Pearson, Roy Boswell  
 Pendlebury, Richard James  
 Pengeley, Ernest Albert  
 Poynton, William Henry  
 Pritchard, Allan Garfield  
 Quick, Augusta Elizabeth  
 Ramsey, Alfred Mercer  
 Rees, John Stacey  
 Rendall, Alexander Groute  
 Roach, Vernet  
 Roberg, Frederick Albert  
 Robertson, Sydney Beresford  
 Robertson, George Oliver  
 Rooney, Francis George  
 Runge, Percival Henry Edward  
 Russack, Frederick Wilhelm  
 Russell, Harry Drever  
 Russell, Edward William  
 Sands, Victor Royce  
 Saunders, Brandon Moses  
 Secombe, Cecil Blackwood  
 Shepley, Leslie Herbert Hamilton  
 Sheppard, Bernard Aubrey  
 Smith, Alexander Bartle  
 Smith, Charles Alfred  
 Somerville, Annie Jessie  
 Sorrell, Harry Randolph  
 Southam, Sydney  
 Springett, Clifford Charles Roy  
 Stables, Edwin Quarrendon  
 Steele, Robert Moore, jun.  
 Stenhouse, Alice  
 Stewart, John James  
 Stirling, Mary  
 Styles, Albert Abraham Seba  
 Sunter, Gordon Edward  
 Sullivan, Eric Wilfred  
 Syme, James Maxwell  
 Thomas, Harold Clarke

Thomson, Robert Simpson	Whitbread, Howard
Thomas, Florence Gwenyth	White, Howard Gordon
Thomas, Ronald Victor Isaac	White, Leslie Ford
Thomas, William George	Whitehall, Herbert Adam
Threadgold, Stanley Garfield	Wilkinson, Vera Euphrasia
Turner, Percy	Whittney, Percy Victor
Vivian, William	Williams, William Alfred
Wainwright, Edward Harley	Wills, Samuel
Wald, Percy Britten	Willsmore, Arthur John
Wald, Gavin Flett	Wilson, Francis Grey
Walter, Oscar Henry	Winter, Claude Howard Stanley
Ward, Alfred Kekwick Warner	Wood, Alfred Evelyn
Waterhouse, Lorna Maude	Wyatt, William Edward
Watson, William Christopher Cass	Wyles, Thomas Andrew
Watts, Joseph Hugh	Wyles, John Wallace
Wells, Percy Middleton	Young, Frank Nelson
Weston, Mignon Leonie	Young, Tom Michell

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# STATUTES.

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

1. The Chancellor shall hold office until the ninth day of November in the fifth year 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.

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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.
2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.
3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.
4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the

\* Allowed January 26, 1898.

† Allowed June 11, 1890.

‡ Allowed April 11, 1900.

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.*

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### **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.*

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### **Chapter VI.—Of Leave of Absence.**

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

### Chapter VII.—Of the Seal of the University.

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

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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.

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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.

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

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

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

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### **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 also annually appoint other persons, not exceeding five, to be 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.

### 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.

### **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 University Act, the Angas Engineering Scholarship and the Angas Engineering Exhibitions, according to certain Statutes approved of by the said John Howard Angas, and afterwards allowed and countersigned by the Governor on the 18th day of January, 1888: And whereas it was provided by such Statutes that during the life of the said John Howard Angas they should not be repealed or altered without his consent: And whereas, with the consent and approval of the said John Howard Angas, other Statutes have from time to time been made by the University and allowed and countersigned by the Governor concerning the said Scholarship and Exhibitions: And whereas the said John Howard Angas has consented to the repeal of all such Statutes as are now in force concerning the said Scholarship and Exhibitions and to the substitution of the following Statutes therefor—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-eight 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 also 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 at the University of Adelaide, or have spent three years in study in Arts or Science 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.

*\* Allowed 3rd January, 1907.*



V. The examination shall be in the following subjects :—

- (1) *Mathematics*
- (2) *Physics*
- (3) *Geology*
- (4) *Chemistry*
- (5) *Applied Mechanics*
- (6) *Mechanical and Engineering Drawing*

and in such other subjects as the Council shall from time to time direct.

Candidates may sit for any or all of these subjects.

Schedules defining the scope of the examination in the above subjects shall be drawn up by the Faculty of Science, subject to the approval of the Council, and shall be published in the University Calendar of each year.

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 articles to an Engineer, or as a student of engineering in a College or University there, or partly in articles to an Engineer and partly as a student of engineering in a College or University, such Engineer, College, or University to 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 £60, and be tenable for three years.

XII. One of the Angas Engineering Exhibitions shall be open for competition at a special examination in or about the first week in 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.

\*XIII. Each candidate must have passed the Senior Public Examination, or such other examination as the Council shall from time to time prescribe, and must have been not more than nineteen years of age on the first day of the month in which he shall compete for the Exhibition.

XIV. Each Exhibitioner shall within three months after being awarded his Exhibition enrol himself as a matriculated student in Science at the University of Adelaide, shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Science, shall attend lectures, pass examinations proper to that Degree, and at the end of each year 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, out of the income (when received) of the money hereinafter mentioned; 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, if it think proper, give notice of the vacancy and that a special examination to fill it will be held at a specified date,

and such Exhibition shall be open for competition at that examination, in such subjects as the Council shall on each occasion prescribe. The Exhibition shall not be awarded unless the examiners are 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.

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 forward to the Registrar evidence satisfactory to the Council of 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. During the life of the said John Howard Angas the Statutes contained in this chapter shall not be repealed or altered without his consent.

XXI. The following forms of notice are 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.....

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.....

XXII. The Statutes concerning the "Angas Engineering Scholarship" and the "Angas Engineering Exhibitions," which were allowed and countersigned by the Governor on the 14th day of December, 1901, are hereby repealed: Provided that this repeal shall not affect any right or status acquired, duty imposed, or liability incurred by or under the Statutes hereby repealed before the Statutes contained in this chapter shall come into operation.

*Allowed 3rd December, 1902.*

#### Chapter XIV.—Of the John Howard Clark Scholarship.

Whereas various persons have subscribed and have agreed to pay to the University of Adelaide a sum of money for the purpose of constituting a fund for founding the Scholarships hereinafter named: And the Council of the said University have agreed to invest that sum, when received by them, and to apply the income thereof in the manner specified in these Statutes: And whereas it has been agreed that the word "income" shall include as well interest to accrue from investments of the said fund as grants to be received from the Government in respect thereof:

It is hereby provided that from and after the receipt by the said Council of the said sum:

1. There shall be two Scholarships, tenable for two years each, which shall be competed for at the annual examination in English Language and Literature for the Ordinary Degree of Bachelor of Arts. The scholarships shall be called the "John Howard Clark Scholarships."

2. If the Examiners shall not consider any candidate worthy to receive the scholarships it shall for that year lapse.

3. Only one Scholarship shall be awarded in any one year so long as there are only two Scholarships.

†4. Each Scholar shall at the end of the first year of his tenure of the Scholarship, present a thesis on a topic in English Literature which shall have been approved by the Faculty of Arts six months previously. If this condition is not complied with, or if the thesis presented is not considered by the Council to be of sufficient merit, the Scholarship shall lapse, and the holder shall have no further right to the title of "John Howard Clark Scholar." An extension of the time within which to present the thesis may be granted upon application to the Council.

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

†6. Each Scholar shall receive one half of the annual income so long as that income does not exceed sixty pounds. Whenever the annual income shall exceed sixty pounds, each Scholar shall receive thirty pounds per annum. The first payment shall be made at the end of March next following the award, and the second payment at the end of March next following the presentation and approval of the thesis.

†Allowed 2nd August, 1905.

7. The Fund for founding the Scholarships shall be invested by the Council in such a manner as will entitle the Council to claim from the Government an annual grant in respect thereof. Any surplus interest, and any sums accumulating from the non-awarding or lapse of the Scholarships, shall be considered part of the Fund and be invested in the like manner until there shall have accumulated a sum sufficient to found a third Scholarship, which shall be competed for and awarded at such times as the Council shall direct: Provided that no portion of the annual grant shall be so accumulated. All subsequent accumulations shall be applied at the discretion of the Council towards the carrying out of the general objects of the John Howard Clark Scholarships.

*Allowed 27th December, 1899.*

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

The Statutes of the Stow Prizes and Scholar, allowed by the Governor on the 15th day of December, 1892, are hereby repealed, and the following are substituted therefor:—

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, shall pass in not less than three subjects, and who 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 January, 1899.*

### **Chapter XVI.—Of the Commercial Travellers' Association Scholarship.**

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

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

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

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

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

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

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

*\* Allowed 27th December, 1899.*

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### **Chapter XVIIa.—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 Fifty Pounds, and shall be paid to the Scholar in one sum at the Commemoration at which the Scholar is entitled to take his Degree.

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

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

*Allowed 13th November, 1890.*



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

XVII. 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.*

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### 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 Doctors of Music—Black gowns similar in shape and material to those used at Cambridge for the same 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; and for Bachelors of Music, green.

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

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

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

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### **Chapter XX.—Of the Roby Fletcher Prize.**

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

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

*Allowed 27th December, 1899.*

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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.  
*\*Allowed 26th January, 1898.*
- IV. These Statutes may be varied from time to time.

*Allowed 15th December, 1896.*

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

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

1. There shall be three Studentships to be called the "Hartley Studentships," of which one shall be open for competition every year by students intending to enter upon the course for the B.A. or B.Sc. Degree.

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

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

\*4. Every Hartley Student shall forthwith, after the award of the Studentship, commence his course, and shall diligently prosecute his studies for the B.A. or B.Sc. Degree, and shall be exempt for three consecutive years from all lecture and examination fees payable in respect thereof.

*\* Allowed 11th December, 1901.*

†5. The Studentship shall be forfeited if the Student shall, in the opinion of the Council, be guilty of misconduct, or if he shall fail to observe the requirements of Clause 4, unless such failure shall, in the opinion of the Council, have been caused by ill-health or other unavoidable cause.

† *Allowed 27th December, 1899.*

6. Any such Studentship which shall be given up Or forfeited, before the holder has commenced his course for the B.A. or B.Sc. Degree shall be awarded to the next most successful competitor, if, in the opinion of the examiners, he is of sufficient merit.

7. The Hartley Studentship shall not be held concurrently with any of the University Scholarships awarded by the Education Department, and any competitor who is entitled to a Scholarship of each kind shall make his election between them.

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

*Allowed 25th January, 1899.*

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### **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.”

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

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

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

*Allowed 7th December, 1904.*

### **Chapter XXV.—Miscellaneous.**

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.
2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*Allowed 27th December, 1899.*

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

*\*Allowed 12th August, 1903.*

### **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.*

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

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

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

3. The Board shall annually elect a Chairman.

4. The Chairman shall:—

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

b. Preside at meetings of the Board.

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

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

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

*Allowed 24th December, 1902.*



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

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

- I. There shall be a Medal to be called the "Joseph Fisher Medal of Commerce," which shall be awarded annually to the candidate for the Advanced Commercial Certificate who, on completing the course for such Certificate, 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 Certificate within four years of his entering upon the course, nor shall any candidate be eligible if he has received exemption from examination in any subject.
- III. There shall also be established a Lecture on a subject relating to Commerce, to be called the "Joseph Fisher Lecture," and to be delivered in the University every alternate year, and subsequently published.
- IV. The Lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.
- V. The subject of the Lecture shall from time to time be approved by the Council of the University.
- VI. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said Medal, the payment of the said Lecturer, and the publication of his Lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the Professors, Lecturers, and Examiners engaged or to be engaged in the work of the Commercial Courses for the time being of the University, as the Council of the University shall determine.
- VII. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

*Allowed 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.*

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# REGULATIONS.

## OF THE DEGREE OF BACHELOR OF ARTS.

### REGULATIONS

- I. Candidates may obtain either the Ordinary or the Honours Degree of Bachelor of Arts.
- 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 academical years at least in his course of study at the University.
- \*III. Candidates for the Ordinary Degree shall attend lectures regularly, 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. *British Imperial and Colonial 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 of the six subjects qualifying for the degree ; Psychology and three others as two of the six subjects qualifying for the degree.

\* Allowed 3rd January, 1907.

## NOTICE.

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The attention of Students is called to the new arrangement of the Details of Subjects for the Degree Courses.

The subjects are now all numbered, and the corresponding number, in parentheses, is attached to each subject where mentioned in the Regulations.

For example, on page 88 the number (9) placed after "French" refers to the Details on page 151, which are correspondingly numbered.

10. *Pure Mathematics.* (30, 31)
11. *Applied Mathematics.* (33)
12. *Physics.* (37, 38)
13. *Spherical Trigonometry and Astronomy.* (42).
14. *Inorganic* (45) *and Organic Chemistry* (51-53).
15. *Geology*, Part I. (55 and 56), and Part II. (58).
16. *Elementary Biology, and Physiology* (66 and 67).
17. *Jurisprudence:* (117)
  - (A) *Constitutional Law*, (B) *Theory of Law and Legislation.* These branch-subjects are reckoned together as one of the six subjects qualifying for the degree.

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

- 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.* (4)
  - B. *History.* (14, 15)
  - C. *Philosophy.* (25)
  - D. *Mathematics.* (36)

Candidates in Classics shall pass in Greek and Latin, as prescribed for the Ordinary Degree, before, or in the same year as, they sit for the Honours Examination.

Candidates in History shall pass in History of the United Kingdom, in British Imperial and Colonial History, in Economics, and in one foreign language, ancient or modern, as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

Candidates in *Philosophy* shall pass in Psychology, Logic Ethics, *Philosophy*, Economics, and in one foreign language, ancient or modern, as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

Candidates in Mathematics shall pass in Pure Mathematics, Applied Mathematics, and Physics as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

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, and no candidate shall be excused attendance in more than one subject in any one year. All candidates so exempted 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 *in pari materiâ* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Arts may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.
- IX. No graduate who has obtained the Honours Degree of Bachelor of Science in the department of Mathematics may obtain the Honours Degree of Bachelor of Arts in Mathematics.
- X. Candidates from other Universities who desire that the instruction they have received and the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Arts of this University, may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.
- XI. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance :—

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

**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 Degree of Bachelor of Arts, £3 3s.**

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 who wish to take a course of lectures a second time may do so 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.

## OF THE DEGREE OF MASTER OF ARTS.

### REGULATIONS.

- I. Candidates may obtain either the Ordinary or the Honours Degree of Master of Arts.
- 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. *British Imperial and Colonial History.* (13, 14)
  8. *Modern European History.*
  9. *Economics.* (20)
  10. *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.
  11. *Pure Mathematics.* (30, 31)
  12. *Applied Mathematics.* (33)
  13. *Physics.* (37, 38)
  14. *Spherical Trigonometry and Astronomy.* (42)
  15. *Inorganic* (45) *and Organic Chemistry.* (51 and 53)
  16. *Geology, Part I.* (55) *and Part II.* (58)
  17. *Elementary Biology and Physiology.* (66 and 67)

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



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*, (5)
- B. *History*, (14, 15, 16)
- 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, and no candidate shall be excused attendance in more than one subject in any one year. All candidates so exempted 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:—

	Entire course.			Examination.		
For the Ordinary Degree—						
Greek, Latin, French, German, English Language and Literature, History of the United Kingdom, British Imperial and Colonial History, Modern European History, Economics, Pure Mathematics, Applied Mathematics, Astronomy, each ... ..	4	4	0	2	2	0
Psychology, Logic, Ethics, Philosophy, Education, each ... ..	2	2	0	1	1	0
Physics, Chemistry, each ...	} Lectures ... 4 4 0		}	} 2 2 0		0
	} Laboratory work 6 6 0					
Geology, parts I. and II. (including examination)	14	14	0			
{ Elementary Biology ... ..	5	5	0	1	1	0
{ Physiology ... ..	8	8	0	1	1	0
For the Honours Degree:—						
Fee for Examinations, Thesis, or both ... ..	10	10	0			
For the 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 who wish to take a course of lectures a second time may do so 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.*

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## OF THE DEGREE OF BACHELOR OF SCIENCE.

## REGULATIONS.

- I. Candidates may obtain either the Ordinary or the Honours Degree of Bachelor of Science.
- II. To obtain the Degree, whether the Ordinary or the Honours Degree, every candidate
- (a). Must be a matriculated student of the University.
  - (b). Before matriculating must pass the Senior Public Examination, including in such examination the subject of Mathematics; or satisfy the Faculty of Science of his fitness to enter upon the course of study which he proposes to take for the degree.
  - \*(c). Must, after matriculation, spend three academical years at least in his course of study at the University, or, if a candidate for the Diploma in Applied Science, partly at the University and partly at the South Australian School of Mines and Industries, as the Regulations of the Diploma shall direct.
  - \*(d). Must pass in two of the following languages in the Senior Public Examination: Latin, Greek, French, German, provided that one of the two is French or German.

Candidates for the Ordinary Degree must also *either* attend regularly courses of lectures and pass examinations in Mathematics (30), Physics (37), Chemistry (45), and Elementary Biology (66), within a range of study to be annually defined in the Schedules hereinafter mentioned and therein to be called the compulsory subjects of the Degree of Bachelor of Science, and fulfil the requirements of Regulation IV., or, complete one of the courses for the Diploma in Applied Science.

Candidates for the Honours Degree must attend lectures and pass examinations in the Compulsory Subjects, and must fulfil the requirements of Regulation V.

\* Allowed 3rd April, 1903.

- † III. Students who at the Higher Public Examination have shown special excellence in Mathematics may be exempted from attendance at lectures, and from passing the Examination in Compulsory Mathematics.

† Allowed 7th August, 1901.

IV. Candidates for the ordinary degree are required to attend lectures regularly and pass examinations

\*(a). In two of the following five subjects:—

1. *Mathematics, Pure and Applied* (31, 33; and one of the following: 32, 36, 42)
2. *Physics.* (39, 40)
3. *Chemistry.* (46, 47, 48, 49)
4. *Physiology.* (67 and 68)
5. *Geology and Mineralogy.* (55, 56)

\* Allowed 9th April, 1902.

or,

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

1. *Chemistry.* (46, 50, 51)
2. *Geology.* (55)
3. *Botany.*
4. Certain portions of the course at the Roseworthy Agricultural College, the extent of which and the standard to be attained therein are to be from time to time determined by the Council.

Candidates in the special course in Agriculture are also required to conduct an experiment on some agricultural subject approved by the Faculty of Science, and to submit a report upon it, which shall be satisfactory to Examiners appointed by the Council.

† Allowed 3rd January, 1907.

‡ V. Candidates for the Honours Degree are required to attend lectures regularly, and pass examinations in one of the following Departments, but they may take Honours in more than one Department:—

1. *Mathematics.* (34)
2. *Physics.* (41)
3. *Chemistry.* (54)
4. *Physiology and Physiological Chemistry.* (67, 68, 69)
5. *Geology and Palæontology.* (59)
6. *Mineralogical Geology.* (60)

‡ Allowed 9th April, 1902

Candidates for Honours in any Department are required to 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 three classes under each department.

VI. All Examinations referred to in the foregoing regulations shall take place in November of each year. 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 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.

\* Allowed 12th August, 1903.

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.

NOTE.—*Any student obtaining an exemption is recommended to apply to the proper Professor for information and advice respecting the subjects of the examination.*

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.

†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.

† Allowed 9th April, 1902.

‡X. Students from other Universities or Technical Schools who may desire that the instruction they have received and the examinations they have passed be counted *pro tanto* for the degree of Bachelor of Science of this University

‡ Allowed 3rd April, 1903.

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 by other than Diploma students in such instalments as the Council shall from time to time determine, each instalment being payable in advance:—

*\* Allowed 3rd April, 1903.*

† 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

*† Allowed 2nd August, 1905.*

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 and Laboratory Work					22 1 0
Geology and Mineralogy—Lectures and Laboratory Work					21 0 0

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

C. SPECIAL COURSE UNDER REGULATION IVb:—

					Entire course.
Chemistry	{	Lectures	...	...	£6 6 0
		Laboratory Work	...	...	18 18 0
Geology	...	...	...	...	8 8 0
Botany	...	...	...	...	4 4 0
Subjects taken at the Roseworthy Agricultural College					{ For fees, see Schedules

The fee for Chemistry does not include the fee for the compulsory part of that subject. The fee for Agriculture includes Board and Lodging at the Agricultural College during the days the student is attending Lectures there.

*D.* Honours Degree of B.Sc.

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

*E.* Fee for the Degree of Bachelor of Science ... £3 3 0

Candidates who have been granted exemption from attendance at lectures in any subject of the courses referred to in clauses *A*, *B*, and *C* may enter for the written examination in that subject on payment of one third of the fees for the lectures in that subject.

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

Compulsory Chemistry or Biology	...	...	...	...	£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 *D* may enter for the final examination of 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.

Students who have entered under the Regulations hereby repealed may proceed thereunder notwithstanding such repeal, or may be allowed by the Council to proceed under the Regulations hereby substituted therefor, on such terms as the Council shall in each case allow.

XIII. All previous regulations concerning the Degree of Bachelor of Science are hereby repealed, but students who shall have completed the first or second year of their course in 1899 shall have the option of continuing under the regulations in force when they entered upon the course, or of coming under these



regulations. If they shall elect to continue their course under these regulations, they shall receive credit for the lectures they have attended and the examinations they have passed under the previous regulations.

NOTE.—*Students before taking their degree in Agriculture must conduct an experiment on some agricultural subject, and submit a report of the same.*

*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."*

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## 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 30th June, 1899.

## RULES OF THE CHEMICAL LABORATORY.

- I. The Chemical Laboratory shall be open upon each week-day, during Term time (Saturdays and holidays excepted), from 10 a.m. to 5 p.m.
- II. Instruction will be given in Qualitative and Quantitative Analysis; but no student will be admitted to Laboratory work until he has shown to the satisfaction of the Professor of Chemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- III. Each student will be provided by the University with a set of re-agents, and a working bench with necessary fittings, to which gas and water are laid on, and also with all apparatus necessary for the ordinary courses of Qualitative Analysis.
- IV. Each student must, at the beginning of the year, pay a deposit fee of £1. Against this deposit fee all breakages, and also the cost of filter paper, litmus papers, platinum wire and foil, glass tubing, platinum chloride solution, and sundries will be debited. The balance, if any, will be refunded at the end of the year. If at any time the value of the apparatus broken and materials used by a student exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- V. Students engaged in Quantitative Analysis must provide themselves with a platinum crucible and capsule, and a set of gramme weights.
- VI. Students engaged in private investigations must provide themselves with any materials they may require which are not included amongst the ordinary re-agents; also with the common chemicals, when they are employed in large quantities.
- VII. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

- VIII. All preparations made from materials supplied by the University shall be its property.
- IX. No experiments of a *dangerous nature* may be performed without the express sanction of the Professor.
- X. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- XI. The Professor may exclude any student from the Chemical Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.
- XII. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.
- XIII. The fees for students not attending the ordinary course of instruction are as follows :—
- For 5 days in the week, £4 5s. 0d. per month, or £10 per term.
  - For 4 days in the week, £3 6s. 8d. per month, or £8 per term.
  - For 3 days in the week, £2 10s. 0d. per month, or £6 per term.
  - For 2 days in the week, £2 0s. 0d. per month, or £4 per term.
  - For 1 day in the week, £1 0s. 0d. per month, or £2 per term.

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

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## OF THE DEGREE OF DOCTOR OF SCIENCE.

## REGULATIONS.

- I. Candidates for the Examination for the Degree of Doctor of Science shall be Bachelors of Science of at least three years standing.
- 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.
- \*II.A. A printed copy of any thesis approved of by the Faculty of Science shall, if required by the Faculty, be deposited by the candidate in the Library of the University before he is admitted to the Degree.
- \* Allowed 6th April, 1905.*
- III. Candidates who satisfy the foregoing conditions may be admitted to the Degree of Doctor of Science.
- IV. Fee on presenting Thesis           ...     ...     £10 10 0  
       Fee for Degree of Doctor of Science...       5 5 0
- V. If a Candidate fails to satisfy the Examiners the fee shall not be returned to him, but he shall be admissible to one further examination for the same Degree without the payment of an additional fee.

*Allowed 18th September, 1900.*

## 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.

\* Allowed 7th December, 1905.

III. Schedules determining the range of study, the laboratory and other practical work, the examinations, and the fees for the courses mentioned in the preceding regulation, shall be drawn up by the Faculty of Applied Science, submitted to the Joint Board, and when approved by both Councils, shall be published as

early as possible in each year. Such Schedules shall be laid before the Senate at the next meeting after they have been approved.

- IV. All examinations referred to in these regulations shall take place in or about November in each year. 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.
- 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.
- 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.

*\* Any candidate obtaining an exemption is recommended to apply to the proper lecturer for information and advice respecting the subjects of the examination.*

## DETAILS OF COURSES FOR 1907.

*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.D.—School of Design.

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

The Courses are divided into years for the guidance of Students. It is to be understood that the order of subjects given is not necessarily to be followed in all cases, but in certain cases the order given must be followed. For instance, students will not be allowed to take Assaying until they have passed Chemistry I., nor will they be allowed to take Applied Mechanics until they have passed in Applied Mathematics. For further information Students should apply to the Lecturers.

## MINING.

## FIRST YEAR.

Subject No in Syllabus.	Subject.	Hours per week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
45	Chemistry I., Lectures	... 2	Prof. Rennie	U.	2 2 0
45	Chemistry I., Practical	... 6	Prof. Rennie and Dr. Cooke .. <i>Or,</i> Mr. Higgin and Mr. Hooper	U.	4 4 0
				S.M.	
81	Drawing I. ... ..	... 4	Mr. Gill	S.D.	2 0 0 net
86	Fitting and Turning I.	... 6	Mr. Walters	S.M.	
30	Mathematics I., First Year	... 3	Mr. Madsen <i>or</i> Mr. Dalby	U. <i>or</i> S.M.	3 3 0
93	Mechanical Engineering I.	2	Mr. Ledger	S.M.	1 10 0
37	Physics I., Lect. and Pract.	4	Prof. Bragg	U.	5 5 0

## SECOND YEAR.

33	Applied Mathematics	... 3	Mr. Chapman	U.	5 5 0
75	Assaying I. ... ..	... 6	Mr. Higgin and Mr. Hooper	S.M.	4 10 0
82	Drawing II. ... ..	... 4	Mr. Clark	S.M.	1 10 0
55A	Geology (3rd term only)	... 2	Mr. Howchin	U.	1 1 0
31	Mathematics I., Second Year	2	Prof. Bragg	U.	3 3 0
39	Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen	U.	12 12 0



THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
36	Applied Mechanics III.	4	Mr. Chapman	U.	4 4 0
33	Drawing III. ...	2	Mr. Clark	S.M.	2 2 0
55B, C, D	Geology	4 <sub>2</sub>	Mr. Howchin	U.	3 3 0
55E, F	Mineralogy	2	Mr. Mawson	U.	4 4 0
101	Mining I. ...	2	Mr. Chapman	S.M.	3 0 0
103	Ore-dressing ...	1 <sub>1</sub>	Mr. Chapman	S.M.	0 10 0
106	Surveying and Levelling	6	Mr. Ledger	S.M.	2 2 0

FOURTH YEAR.

77	Assaying II. (Mining)	8	Mr. Higgin	S.M.	5 5 0
85A	Electrical Engineering	2	Mr. Madsen	U.	3 3 0
90	Machine Design I. ...	2	Mr. Clark ...	S.M.	1 10 0
94	Mechanical Engineering II.	2	Mr. Ledger	S.M.	2 5 0
102	Mining II. ...	5	Mr. Chapman	U.	7 7 0
61	Mining Geology ..	1 <sub>1</sub>	Mr. Howchin	U.	1 1 0
97	Metallurgy I. (Lectures only)	2	Mr. Higgin	S.M.	1 10 0
105	Railway Engineering	1	Mr. Chapman	U.	2 2 0

METALLURGY.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

75	Assaying I. ...	6	Mr. Higgin and Mr. Hooper	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. Higgin and Mr. Hooper	U. S.M.	6 6 0
97 & 98	{ Metallurgy I., Lectures } { and Practical ... }	2	Mr. Higgin	S.M.	3 0 0
55 E, F	{ Mineralogy ... }	2 <sub>2</sub>	Mr. Mawson	U.	4 4 0
39	Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen	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	Mr. Chapman	U.	5 5 0
76	Assaying II. ... ..	... 20	Mr. Higgin	S.M.	9 9 0
80	Building Construction	... 1 <sub>2</sub>	Mr. Clark...	S.M.	0 10 0
82	Drawing II. ... ..	.. 4	Mr. Clark...	S.M.	1 10 0
55A	Geology (3rd term only)	... 2	Mr. Howchin	U.	1 1 0
99	Metallurgy II. ... ..	... 3	Mr. Higgin	S.M.	4 4 0
103	Ore-dressing ... ..	... 1 <sub>1</sub>	Mr. Chapman	S.M.	0 10 0

## FOURTH YEAR.

36	Applied Mechanics III.	... 4	Mr. Chapman	U.	4 4 0
79	Assaying III. ... ..	... 20	Mr. Higgin	S.M.	9 9 0
55 B, C, D	} Geology ... ..	... 3 <sub>2</sub>	Mr. Howchin	U.	3 3 0
90		Machine Design I. ... ..	... 2	Mr. Clark ...	S.M.
100	Metallurgy III. ... ..	... 1	Mr. Higgin	S.M.	3 0 0
61	Mining Geology ... ..	... 1 <sub>1</sub>	Mr. Howchin	U.	1 1 0

## ELECTRICAL ENGINEERING.

COURSE **A**.

## FIRST YEAR.

Same as for Mining.

## SECOND YEAR.

33	Applied Mathematics	... 3	Mr. Chapman	U.	5 5 0
82	Drawing II. ... ..	... 4	Mr. Clark	S.M.	1 10 0
87	Fitting and Turning II.	... 3	Mr. Walters	S.M.	2 5 0
31	Mathematics I., Second Year	2	Prof. Bragg	U.	3 3 0
94	Mechanical Engineering II.	2	Mr. Ledger	S.M.	2 5 0
39	Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen	U.	12 12 0
106	Surveying and Levelling	... 6 <sub>1</sub>	Mr. Ledger	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. Ledger ...	S.M.	1 0 0
36	Applied Mechanics III.	... 4	Mr. Chapman ...	U.	4 4 0
85A	Electrical Engineering	... 2	Mr. Madsen ..	U.	3 3 0
90	Machine Design I. ...	... 2	Mr. Clark ...	S.M.	1 10 0
95	Mechanical Engineering III.	2	Mr. Ledger ...	S.M.	3 0 0
40	Physics III., Lect. and Pract.	11 <sub>2</sub>	Prof. Bragg and Mr. Madsen ...	U.	10 10 0
105	Railway Engineering	... 1	Mr. Chapman ...	U.	2 2 0

FOURTH YEAR.

83	Drawing III. ...	... 4	Mr. Clark ...	S.M.	2 2 0
85	Electrical Engineering	... 18	Mr. Madsen ...	U.	17 17 0
89	Hydraulics ...	... 2 <sub>1</sub>	Mr. Chapman ...	U.	1 1 0
91	Machine Design II.	... 6	Mr. Ledger ..	S.M.	2 5 0

ELECTRICAL ENGINEERING.

ALTERNATIVE COURSE B.

FIRST YEAR.

Same as for Mining.

SECOND YEAR.

33	Applied Mathematics	... 3	Mr. Chapman and Madsen ...	U.	5 5 0
46 & 48	Chemistry II., Lectures	... 12	{ Prof. Rennie } { and Dr. Cooke } <i>or,</i> { Mr. Higgin } { and Mr. Hooper }	U. and	} 10 10 0
				S.M.	
82	Drawing II. ...	... 4	Mr. Clark ...	S.M.	1 10 0
31	Mathematics I. (Second Year)	2	Prof. Bragg ...	U.	3 3 0
39	Physics II. ...	... 9	Prof. Bragg and Mr. ...	U.	12 12 0

## THIRD YEAR.

Subject No. in Syllabus.	Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
36	Applied Mechanics III.	4	Mr. Chapman ...	U.	4 4 0
78	Assaying II. (Electrical Course)	10	Mr. Higgin ...	S.M.	4 14 6
85A	Electrical Engineering	2	Mr. Madsen ...	U.	3 3 0
90	Machine Design I.	2	Mr. Clark ...	S.M.	1 10 0
40	Physics III., Lect. and Pract.	11 $\frac{1}{2}$	{ Professor Bragg and Mr. Mad- sen ... }	U.	10 10 0
106	Surveying and Levelling	6 $\frac{1}{2}$	Mr. Ledger ...	S.M.	1 0

## FOURTH YEAR.

73	Applied Mechanics II.	2 $\frac{1}{2}$	Mr. Ledger ...	S.M.	1 0 0
85	Electrical Engineering	18	Mr. Madsen ...	U.	17 17 0
—	Electro Metallurgy	1 $\frac{1}{2}$	Mr. Higgin ...	S.M.	1 0 0
89	Hydraulics	2 $\frac{1}{2}$	Mr. Chapman ...	U.	1 1 0
90	Machine Design I.	2	Mr. Clark ...	S.M.	1 10 0
105	Railway Engineering	1	Mr. Chapman ...	U.	2 2 0

## MECHANICAL ENGINEERING.

## FIRST YEAR.

Same as for Mining, with the addition of

108	Woodwork	4	Mr. Tilley ...	S.M.	2 2 0
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## SECOND YEAR.

33	Applied Mathematics	3	Mr. Chapman ...	U.	5 5 0
36	Applied Mechanics III.	4	Mr. Chapman ...	U.	4 4 0
84	Descriptive Geometry	4 $\frac{1}{2}$	Mr. Gill ...	S.D. (nett)	13 4
81	Drawing II.	4	Mr. Clark ...	S.M.	1 10 0
90	Machine Design I.	2	Mr. Clark ...	S.D.	1 10 0
31	Mathematics I., Second Year	2	Prof. Bragg ..	U.	3 3 0
94	Mechanical Engineering II.	2	Mr. Ledger ...	S.M.	2 5 0
104	Pattern Making	4	Mr. Tilley ...	S.M.	2 2 0
39	Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen ...	U.	12 12 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. Ledger	... S.M.	1 0 0
83	Drawing III. ... ..	... 4	Mr. Clark...	... S.M.	2 2 0
87	Fitting and Turning II.	... 4	Mr. Walters	... S.M.	2 5 0
89	Hydraulics ... ..	... 2 <sub>1</sub>	Mr. Chapman	... U.	1 1 0
92	Machine Design II. ...	... 2	Mr. Ledger	... S.M.	2 5 0
95	Mechanical Engineering III.	2	Mr. Ledger	... S.M.	3 0 0

## FOURTH YEAR.

88	Fitting and Turning III.	... 4	Mr. Walters	... S.M.	2 5 0
92	Machine Design III. ...	... 8	Mr. Ledger	.. S.M.	4 10 0
96	Mechanical Engineering IV.	2	Mr. Ledger	... S.M.	4 10 0
105	Railway Engineering	... 1	Mr. Chapman	... U.	2 2 0
106	Surveying and Levelling	... 6 <sub>1</sub>	Mr. Ledger	... S.M.	1 0 0

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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. (113)
  4. The Law of Wrongs (Civil and Criminal). (114)
  5. The Law of Evidence and Procedure. (118)
  6. Constitutional Law. (112)

\*VI. The Special Subjects are the following :—

1. Latin. (3)
2. Any one subject of the course for the Ordinary Degree of Bachelor of Arts exclusive of Latin and Jurisprudence.
3. Roman Law. (115)
4. Theory of Law and Legislation. (117)
5. Private International Law. (116)

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.

\* Allowed 3rd January, 1907.

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

†XII. All subjects, whether ordinary or special, may be taken at any annual Examination, and in any order; except that no student shall, without the special permission of the Faculty, present himself for examination in the Law of Property, Part II., before he has passed in the Law of Property, Part I., or within six months thereafter. Provided that no student shall present himself for examination in any special subject in March without the special permission of the Faculty.

† Allowed 12th August, 1903.

XIII. No Student shall at any Annual Examination present himself for examination in more than three Special 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.

\* Allowed 3rd January, 1907.

- \*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 articulated 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.
- \* Allowed 3rd January, 1907.*
- XVIII. All Students shall be classified as proceeding either to the Degree of Bachelor of Laws, or for the Final Certificate, but any Student may at any time (even after obtaining the Final Certificate) if qualified under Regulation I., be removed from one class into the other, on application to the Registrar, and all Ordinary subjects in which he may have passed while in the one class shall be credited to him in the other.
- \*XIX. Schedules defining the scope of the subjects of study and appointing text-books in respect of the same shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.
- \* Allowed 10th December, 1900.*
- 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. 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 the Final Certificate ... ..	5 5 0
(5). Fee for the Degree of Bachelor of Laws... ..	5 5 0

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.

## 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 articulated 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 articulated 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 :—

1. Persons who have been articulated 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.
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## OF THE DEGREE OF DOCTOR OF LAWS.

### REGULATIONS.

- I. Every candidate for the Degree of Doctor of Laws must have been admitted to the Degree of Bachelor of Laws at least three years before the beginning of the year in which he presents himself for examination.
- II. The candidate shall give written notice to the Registrar on or before the first day of July of his intention to present himself for examination, and shall at the same time pay the examination fee hereinafter mentioned.
- III. Every candidate must submit with his notice of intention to present himself for examination, an original thesis of sufficient merit on some legal subject proposed by the candidate and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is of his own composition.
- IV. If the thesis is approved as sufficient by the examiners, the candidate shall be examined in Roman Law, Jurisprudence, and Public International Law, and must pass in all these subjects at the same examination. The examination will be held in the third term of the same academical year. A thesis presented by a candidate who fails to pass the examination will not be accepted at any subsequent examination.
- V. Schedules defining the range of study shall be drawn up from time to time by the Faculty of Law subject to the approval of the Council.
- VI. The following fees shall be payable in advance :—

Examination Fee ...	... ..	£15 15 0
Fee for the Degree	... ..	£10 10 0

*Allowed 7th December, 1905.*

SUBJECTS FOR THE LL.D. DEGREE, 1907.

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I. ROMAN LAW.

The History of Roman Law.

The Institutes of Gaius and Justinian.

The following portions of the Digest :

D. 41. 1. De acquirendo rerum dominio.

D. 41. 2. De acquirenda vel amittenda possessione.

D. 44. 7. De obligationibus et actionibus.

Books recommended :

Hunter's Roman Law.

Moyle's Institutes of Justinian.

Roby's Roman Private Law.

Muirhead's Historical Introduction to the Private Law of Rome.

Poste's Elements of Roman Law.

II. JURISPRUDENCE.

Books recommended :

Austin's Jurisprudence.

Pollock's First Book of Jurisprudence.

Salmond's Jurisprudence.

Holmes' Common Law.

Sidgwick's Science of Politics.

Bentham's Theory of Legislation (Dumont).

Maine's Ancient Law.

III. PUBLIC INTERNATIONAL LAW.

Books recommended :

Hall's International Law.

Westlake's International Law.

Lawrence's International Law

## 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 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.
- (5). One of the following:—(a) Greek; (b) French; (c) German.

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

NOTE.—*In order to comply with the requirements of the General Medical Council in London, all these subjects must be passed at one and the same examination.*

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 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 (*vide* 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.
- IX. The names of the successful candidates at each examination in the Third Term shall be arranged in three classes, the first class in order of merit, and the second and third classes in alphabetical order.
- X. In addition to the Ordinary Examination held 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, 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.
- 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 in the following March. 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.

- XIV. 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.
- XV. At the First Examination the student shall satisfy the Examiners in each of the following subjects :—
1. *Elementary Anatomy and Dissections.* (120)
  2. *Elementary Biology*, theoretical and practical. (66)
  3. *Inorganic Chemistry*, theoretical and practical. (45)
  4. *Elements of Physics.* (37)
- XVI. At the Second Examination the student shall satisfy the Examiners in each of the following subjects :—
1. *Anatomy* (121)—General and descriptive, with Dissections.
  2. *Physiology* (67)—Including Practical Physiology, Histology, and Physiological Chemistry.
  3. *Chemistry* (51 and 52)—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.
- XVII. At the Third Examination the student shall satisfy the Examiners in each of the following subjects :—
1. *Principles and Practice of Medicine.* (122 and 123)
  2. *Principles and Practice of Surgery.* (124 and 125)
  3. *Regional and Surgical Anatomy.* (126)
  4. *Materia Medica.* (127)
- XVIII. 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.* (122 and 123)



2. *Principles and Practice of Surgery, including Surgical Anatomy, and Clinical Surgery.* (124, 125, and 126)
3. *Obstetrics.* (128)
4. *Forensic Medicine, including Insanity.* (129)
5. *Pathology.* (130 and 138)

XIX. At the Fifth Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Medicine, all branches.* (122, 123, and 137).
2. *Surgery, all branches, including Surgical Anatomy and Operative Surgery.* (124, 125, 126, 131, and 137)
3. *Gynæcology.* (132)
4. *Ophthalmology.* (133)
5. *Otology.* (134)
6. *Elements of Hygiene.* (135)
7. *Therapeutics.* (136)

XX. 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:—

Anatomy and Dissections, Regional and Surgical	
Anatomy ... ..	£23 2 0
Biology and Physiology ... ..	18 18 0
Chemistry, Inorganic and Organic (including Practical Chemistry and Physiological and Pathological Chemistry)...	14 14 0
Physics ... ..	4 4 0
Principles and Practice of Medicine (including Clinical Medicine and Instruction at Children's Hospital) ...	22 1 0
Principles and Practice of Surgery (including Clinical Surgery, Operative Surgery, and Otology) ... ..	23 2 0
Obstetrics and Gynæcology ... ..	6 6 0
Forensic Medicine and Insanity ... ..	4 4 0
Pathology ... ..	4 4 0
Ophthalmology ... ..	3 3 0
Therapeutics and Materia Medica ... ..	6 6 0
Bacteriology ... ..	3 3 0
Fee for each Ordinary Examination, £3 3s. Total amount of Examination Fees for the Five Years ... ..	15 15 0
Fee for the Degree of Bachelor of Medicine and Bachelor of Surgery ... ..	5 5 0
Total ... ..	£154 7 0
Fee by each Candidate for a Supplementary Examination	5 5 0

XXI. 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.

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

*Allowed 9th April, 1902.*

### SCHEDULES.

Subjects for each year of the Medical Course :—

During the first academic year students 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 **Biology**.
- (d) Perform practical biological and physiological work during such academic year to the satisfaction of the Professor of Physiology.
- (e) Attend a course of lectures on **Chemistry**.
- (f) Perform practical work in Inorganic Chemistry to the satisfaction of the Professor of Chemistry.
- (g) Attend lectures on the **Elements of Physics**.
- (h) Perform practical work in Physics to the satisfaction of the Professor of Physics.

During the second academic year students shall

- (a) Attend a course of lectures 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 during such academic year 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.

During the third academic year students shall

- (a) Attend a course of lectures on the Principles and Practice of Medicine.
- (b) Attend during the whole of the academic year a course of lectures on Clinical Medicine and Clinical Surgery, and to act as Surgical Dresser.
- (c) Attend a course of lectures on the Principles and Practice of Surgery.
- (d) Attend a course of demonstrations on Regional and Surgical Anatomy.
- (e) Attend a course of practical demonstrations on Elementary Bacteriology, and to produce a certificate of proficiency, signed by the Demonstrator.
- (f) Attend a course of lectures on Materia Medica.
- (g) Receive instruction in Dentistry from some person approved by the Council.
- (h) Receive instruction in Practical Pharmacy during a period of three months from some person approved by the Council.
- (i) Attend a course of Lectures on Pathology.
- (j) Attend diligently *Post Mortem* Examinations at the Adelaide Hospital during six months, during three of which he shall perform them himself.
- (k) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital both in the wards and out patients' department during the academic year.

During the fourth academic year students 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, and to act as Medical Clerk.
- (d) Attend a course of lectures on Obstetrics.
- (e) Attend a course of lectures on Forensic Medicine and Insanity.
- (f) Attend a course of Lectures on Pathology.
- (g) Attend diligently *Post Mortem* Examinations at the Adelaide Hospital for six months, during three of which he shall perform them himself, unless he shall have already performed them during the third year.
- (h) Hold the office of Surgical Dresser at the Adelaide Hospital during six months. Provided that the whole or any part of such six months may be served during the Third Year.
- (i) Attend diligently the medical and surgical practice of the Adelaide Hospital both in the wards and in the out-patients' department during the academic year.

During the fifth academic year students shall

- (a) Attend a course of lectures on Therapeutics.
- (b) Attend during the whole of the academic year courses of lectures on Clinical Medicine and Clinical Surgery.
- (c) Attend a course of lectures on Gynæcology.
- (d) Perform a course of Operative Surgery.
- (e) Attend a course of lectures on Ophthalmology.
- (f) Attend a course of lectures on Otology.
- (g) Attend the practice of the Hospitals for the Insane during three months.
- (h) Attend a course of clinical instruction on the diseases of children at the Adelaide Children's Hospital.
- (i) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital, both in the wards and in the out-patients' department during the academic year.
- (j) Attend twenty cases of Midwifery. Provided that the whole or any part of such number may be attended during the Fourth Year.

- (k) Hold the office of Medical Clerk at the Adelaide Hospital during six months. Provided that the whole or any part of such six months may be served during the Fourth Year.
- (l) Receive instruction in Vaccination from some legally qualified practitioner approved by the Council.

Every student at the time of forwarding to the Registrar the notice of his intention to present himself at the Fifth Examination shall produce certificates of his having completed the above course of study and practice, and these certificates shall be in addition to the certificates required for the Fourth Examination.

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## RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE HOSPITAL.

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

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

Each student commencing attendance on the clinical practice of the Hospital shall be required to pay an entrance fee of £5 5s., and, in addition, a fee of £1 1s. for each three months' practice in the Bacteriological Department. All fees to be paid to the Accountant 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.
-

## RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL.

Medical students are admitted as pupils to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time :—

- I. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.
- II. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
- III. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.
- IV. The fees to be paid are as follow :—

For three months' course	...	£1	1	0
For perpetual attendance	...	2	2	0

(The fees are to be paid to the Secretary of the Hospital.)

N.B.—Until otherwise ordered the Board of Management allows all such fees to be devoted to the purchase of appliances and books for the teaching of the students.

- V. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management

## RULES OF THE BIOLOGICAL LABORATORY.

- I. The Laboratory is open every week-day throughout the session from 9 a.m. to 5 p.m.; on Saturdays from 9 to 12.
- II. Each student has a definite seat assigned to him in the Laboratory, which he is not allowed to change without permission.
- III. Each student has the free use of a locker or drawer, of which a key may be obtained from the assistant on payment of a deposit of half-a-crown. This will be refunded when the key is returned.
- IV. All necessary re-agents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—
- |  |                                     |
|--|-------------------------------------|
| 1 pocket lens.   | 2 Forceps (broad and fine pointed). |
| 3 dozen slides, 3 in. x 1 in.                                      | 2 scissors (large and small).       |
| $\frac{1}{2}$ -oz. cover-glasses, $\frac{3}{4}$ in. squares No. 2. | 3 needles (in handles).             |
| 1 box for mounted slides.  | 1 seeker.                           |
| 1 case of biological instruments, containing—                      | 1 section lifter.                   |
| 3 scalpels (large and small).                                      | 2 razors.                           |

Each student will also provide himself with—

- |                           |                                      |
|---------------------------|--------------------------------------|
| 2 dusters.                | Notebook, lead and coloured pencils. |
| 1 small chamois leather.  | No ink allowed.                      |
| 1 soft silk handkerchief. |                                      |

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

## OF THE DEGREE OF DOCTOR OF MEDICINE.

## REGULATIONS.

- \*I. Every candidate for the degree of Doctor of Medicine must either have been admitted to the degree of Bachelor of Medicine in the University of Adelaide after examination, or, having been admitted to the degree of Bachelor of Medicine in the University of Adelaide *ad eundem gradum*, must be eligible to be a candidate for admission to the degree of Doctor of Medicine in his own University, and, in either case, must pass an examination as hereinafter prescribed. Bachelors of Medicine (*ad eundem gradum*) engaged in teaching at the University of Adelaide, or who, in the opinion of the Council, have attained distinction in their profession, may, on the recommendation of the Faculty of Medicine, and with the permission of the Council, present themselves for examination for the Degree of Doctor of Medicine, notwithstanding that they may not be eligible to be candidates for admission to the degree of Doctor of Medicine in their own Universities.
- II. No candidate shall be eligible for examination until the third year after his admission to the Degree of Bachelor of Medicine, except by permission of the Council, on the recommendation of the Faculty of Medicine.
- III. The examination for the Degree will 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, and the History of that subject.
- IV. The examination will be held when required in the third term of each academical year, and may be conducted by means of printed or written papers, *vivâ voce* questions, practical demonstrations, and clinical examination of patients.

\*V. A candidate may submit, with the notice of his intention to enter for the examination, an original thesis of his own composition on some branch of medical study or of the allied sciences, and embodying the result of independent research. The thesis may take the form of an essay written specially for the degree, or of an already published work, or of an essay or series of essays 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 Faculty from a part or the whole of the examination for the Degree.

*\*Allowed 3rd January, 1907.*

VI. A printed copy of any thesis approved of by the Faculty of Medicine shall, if required by the Faculty, 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 in one class.

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 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 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 academical 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 7th December, 1904.*

### SCHEDULE A.

Schedule of subjects, or group of, which may be selected for Examination :—

1. General Medicine, including that of the Nervous System, Medical Ophthalmology, Therapeutics, and the History of Medicine.
2. Diseases of the Nervous System, Mental Physiology and Pathology, and the History of these subjects.
3. Pathology, including Pathological Anatomy, Bacteriology, and the History of these subjects.
4. Obstetrics and the Diseases of Infancy and of Childhood, Gynæcology, and the History of these subjects.
5. State Medicine, including Medical Jurisprudence, Hygiene, and the history of those subjects.

### SCHEDULE B.

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

1. If the Candidate has passed the M.B. Examinations in the First Class, or

2. If the Candidate has held residential or visiting office, whether honorary or paid, in any Public Hospital or Institution approved by the Faculty of Medicine and the Council, or
3. If the Candidate has been assisting in the teaching of the University. The Faculty to recommend to the Council the degree of exemption in each individual case.

**Rules with regard to the substitution of a Thesis for the Ordinary Examination :—**

1. The Thesis may deal with any branch of Medical study or of the allied Sciences.
2. The Thesis may take the form of an essay written specially with a view to this Examination, or of an already published work, or of a series of papers, or even a single paper read before any of the recognized Medical Societies of Australasia or Great Britain.

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

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## OF THE DEGREE OF MASTER OF SURGERY.

## REGULATIONS.

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

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

- II. No candidate shall be eligible for examination until the third year after his admission to the Degree of Bachelor of Surgery in this University, except by permission of the Council on the recommendation of the Faculty of Medicine.
- III. The examination for the Degree shall be in the Principles of Surgery, including Surgical Anatomy, Pathology, Operative Surgery, and the history of those subjects, and, in addition, in such one of the following groups as the candidate may select :
- (a) Gynæcology, including the surgery incidental to Obstetrics, and the history of these 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 these subjects.
- IV. The Examination shall be held in the third term of each academical year, and may be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients.
- V. A candidate may submit, with the notice of his intention to enter for the Examination, an original thesis of his own composition on some branch of Surgery, or of the allied sciences, and embodying the result of independent research. The thesis may take the form of an essay written specially for this Degree, or of an already published work, or of an essay or series of essays read before any of the recognised Medical Societies of Australasia, or of Great Britain, and the candidate



must indicate wherein he considers that his thesis advances surgical knowledge or practice. If the thesis be adjudged by the Faculty of Medicine, or by Examiners nominated by the Faculty to adjudicate upon it, to be of sufficient merit the candidate may be exempted by the Faculty from a part, or from the whole, of the examination for the Degree.

- VI. A printed copy of any thesis approved by the Faculty of Medicine shall, if required by the Faculty, 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.

\* NOTE.—The following are the Hospitals at present recognised in South Australia :—

The Adelaide Hospital.

The Adelaide Children's Hospital.

The Perth Hospital.

Attendance at the Adelaide Children's Hospital will only be recognised for three months excepting where the candidate has held the post of Resident Medical Officer for not less than a year, when it will be recognised for the whole of the time.

*Allowed 3rd January, 1907.*

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### SCHEDULE 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 approved by the Faculty of Medicine, or
3. If the candidate has been assisting in the teaching of the University, or
4. If the candidate is a Fellow of the Royal College of Surgeons, England.

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

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## 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 compose an Exercise to be approved by the Examiners.
- III. To complete an academical year of study a Candidate must attend the courses of Lectures delivered on each of the subjects specified for the Examination in that year, but the separate courses of Lectures need not all be attended in one and the same year, nor need the Examination be passed in the same academical year in which the Lectures have been attended.
- IV. No Student shall in any term be credited with attendance at the University Lectures and the completion of any academic term of study in any subject, unless he shall have attended during that term three-fourths of the Lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.

- V. At the first 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.* (156 and 157)  
*Double Counterpoint, Canon, and Fugue.* (158)  
*History and Literature of Music.* (159)  
*Form and Analysis,* (159) and  
*One of the following practical subjects:—*  
     (a) *Singing,* (160)  
     (b) *Pianoforte,* (161)  
     (c) *Organ,* (162)  
     (d) *Violin,* (163)  
     (e) *Violoncello.* (164)
- 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 send to the Registrar a Musical Exercise composed by himself for the occasion, of such length as to occupy not less than twenty minutes in performance, and fulfilling the following conditions—
- (a.) It must be a Vocal Composition to any words the writer may select.

- (b.) It must contain real five-part vocal Counterpoint, with specimens of imitation, Canon and Fugue.
- (c.) It must have accompaniments for a quintett 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 June 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 a fair and complete copy of such Exercise in the University Library.

- 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 Board of Musical Studies, subject to the approval of the Council, and shall be published not later than the month of January in each year.
- XI. The names of the successful Candidates at each Examination shall be arranged in three classes in alphabetical order in each.
- XII. Any student who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of any Ordinary Examination, may apply to the Council for permission to present himself at a Supplementary Examination in the following March.
- XIII. Any student who has presented himself at an Ordinary Examination, but has failed to pass, may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for re-examination at the Supplementary Examination. Such recommendation shall be made by the Board of Examiners when settling the results of the Ordinary Examinations.
- \*XIIIA. The student shall not be required to be re-examined at any Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification will be allowed.

\* Allowed 21st December, 1905.

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

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

For each Ordinary examination	...	...	...	3	3	0
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For each Supplementary examination	...	...	...	1	11	6
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Students exempted from attendance at all lectures shall pay, in addition to the Ordinary examination fee, half the lecture fees during such period of exemption.

Fee payable by each student to accompany his Exercise under Section IX.	...	...	...	...	£5	5	0
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Fee on taking the Degree of Bachelor of Music	..			3	3	0
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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 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

## OF THE DEGREE OF DOCTOR OF MUSIC.

## REGULATIONS.

- I. Candidates for the Degree of Doctor of Music may present themselves for examination after the lapse of two years from the time of their obtaining the Degree of Bachelor of Music at this University or at some other University whose Degrees are recognized by the University of Adelaide.
- II. Every candidate shall be required to send to the Registrar of the University, on or before the 2nd of April, an Exercise composed for the occasion. The Exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions :—
- (a.) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
  - (b.) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
  - (c.) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony, or Sonata.
  - (d.) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.
- III. No Exercise which has been rejected shall be used in whole or part for the Exercise on any subsequent occasion, except by special consent of the Council. After it has been approved by the Examiners and before taking his Degree the Candidate must deposit a complete copy of such 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 in the month of August.

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

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

Fee payable 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 25th January, 1899.*

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DETAILS OF SUBJECTS FOR DEGREES AND DIPLOMAS  
COURSES FOR 1907.

CLASSICS.

1. Greek. B.A. and M.A. Pass Degrees.

The course of lectures is begun every year, and is completed in two years.  
Fee for the course, £4 4s., or 14s. per term.

Subjects of examination—

- (a) Translation from English into Greek.  
(b) Translation from Greek into English.  
(c) Books specially set for 1907 and 1908:—
- |      |   |  |
|------|---|--|
| 907  | { | Euripides, <i>Medea</i> .                            |
|      | { | Aristophanes, <i>The Frogs</i> .                     |
|      | { | Herodotus, <i>Book I</i> .                           |
| 1908 | { | Plato, <i>Republic, Book I</i> .                     |
|      | { | Lysias, <i>Select Orations</i> .                     |
|      | { | Homer, <i>Odyssey, Books XXI., XXII., and XXIII.</i> |
- (d) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

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

The course of lectures is begun every year, and is completed in two years.  
Fee for the course, £4 4s., or 14s. per term.

Subjects of examination—

- (a) Translation from English into Latin.  
(b) Translation from Latin into English.  
(c) Books specially set for 1907 and 1908:—
- |      |   |   |
|------|---|---|
| 1907 | { | Vergil, <i>Aeneid, Book VI</i> .  |
|      | { | Livy, <i>Ab urbe condita, Book I</i> .  |
|      | { | Cicero, <i>Letters to Atticus, Book I</i> .                                       |
| 1908 | { | Horace, <i>Carmina, Book III</i> .  |
|      | { | Juvenal, <i>Satires, 1, 3, 4, 5, 7, 8, 10</i> ( <i>in J. D. Duff's edition</i> ). |
|      | { | Tacitus, <i>Agricola</i> .  |
- (d) Questions in Grammar and on the subject matter of the set books, with special reference to the lectures given.

3. Latin. LL.B. Degree.

- (a) Translation from English into Latin.  
(b) Translation from Latin into English  
(c) Books specially set—  
Vergil, *Aeneid, Book VI*.  
Livy—*Ab urbe condita, Book I*.  
Cicero, *Letters to Atticus, Book I*.  
(d) Questions in grammar, and in the subject matter of the set books, with special reference to the lectures given.

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

NOTE BY THE DEAN OF THE FACULTY OF ARTS.

*At the outset of his University Course a Student ought to decide whether he will study for the Ordinary Degree or the Degree with Honours. The subjects for the Ordinary Degree which a Student in Honours must take are specified in the Regulations, and he is not required to take any others, but he should have passed in all of these subjects a year at least before he takes the final examination. The lectures which a Student in Honours must attend throughout his Course, in addition to lectures on the subjects for the Ordinary Degree, are prescribed by the Professors of the several subjects in which the Degree with Honours may be taken.*

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 1907 and 1908—

*The Iliad, Books I. and XVIII.**The Odyssey, Books I. and IX.**Aeschylus, Prometheus Bound.**Pindar, Isthmian Odes.**Sophocles, Oedipus the King.**Aristophanes, The Frogs.**Herodotus, Book I.**Thucydides, Books I and VIII.**Plato, Phaedo; Republic, Books I and II.**Demosthenes, Select Private Orations (Paley and Sandys)**Plautus, Trinummus.**Lucretius, Book I.**Vergil, Aeneid, Books I. and VI.**Horace, Carmina, Book III.; Epistles, Book I.**Juvenal, The 14 Satires in J. D. Duff's edition.**Cicero, Letters to Atticus, Book I.; Tusculan Disputations, Book I.; The Second Philippic.**Livy, Books I. and XXI.**Tacitus, Ab excessu Divi Augusti, Book I.*

† Translation into verse is optional.

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

The Examination will be in the following subjects :—

- (a). Translation into English from Greek and Latin writers.
- (b). Greek and Latin Prose Composition.
- (c). Grammar, textual Criticism, and Comparative Philology as applied to the Greek and Latin Languages.
- (d). Subjects for special study for 1907—  
Homer—*The Odyssey.*  
Seneca—*Epistles.*

Candidates will be required to write an essay on some theme connected with the subjects of examination.

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

## MODERN LANGUAGES.

### 8. English Language and Literature. B.A. and M.A. Pass and LL.B. 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 1907:—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*. Lectures on the English Drama will be delivered in the course on Shakespeare.

#### III.

Poetry. Special books:—

1. Chaucer, G. *Prologue*, ed. by R. Morris; new ed. by W. W. Skeat. (Clarendon Press). 2s. 6d.
2. Shakespeare, W. (a) *Henry IV., Part I.*; ed. by F. W. Moorman, B.A. (Warwick Shakespeare). 1s. 6d.  
(b) *Hamlet*; ed. by E. K. Chambers. (Warwick Shakespeare). 1s. 6d.  
(c) *Macbeth*; ed. by K. Deighton, (Macmillan & Co.) 1s. 9d.
3. Browning, R. *Selections*; ed. by Smith & Elder, 1s.

#### IV.

Prose. Special book:—

1. Goldsmith's *Ficar of Wakefield*; ed. by M. Macmillan. (Macmillan & Co., Ltd. 2s. 6d.

[The John Howard Clark Scholarship is awarded as the result of this Examination.]

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

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

Subjects of examination in 1907 :—

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) René Doumic, *Histoire de la littérature française*.  
Spencer, *Primer of French verse* (Pitt Press).
- (d) Books specially set :—  
Molière, *Le Misanthrope*, ed. by E. W. G. Braunholz (Pitt Press).  
Voltaire, *Siècle de Louis XIV., Part I.* (Pitt Press).  
Gautier, *Voyage en Italie*, ed. by Payen Payne (Pitt Press).  
De Vigny, *Cinq-Mars* (Seipmann's French Series).
- (e) History of the French Language, Brachet's *Historical Grammar of the French Language*, newly edited by Paget Toynbee (Clar. Press).

Subjects of examination in 1903:—

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) Saintsbury, *Short History of French Literature*.
- (d) Books specially set :—  
Racine, *Athalie* (Pitt Press).  
Mme. de Staël, *Dix années d'exil* (Pitt Press).  
Sainte-Beuve, *Selections from the Causeries du Lundi* (Masson's French classics).  
Emile Faguet, *Dix-huitième siècle*.
- (e) History of the French Language, Brachet's *Historical Grammar of the French Language*, newly edited by Paget Toynbee.

Students are recommended to read, in addition :—

Thierry, *Lettres sur l'histoire de France* (Pitt Press); Coppée, *Contes choisis* (ed. by M. F. Skeat); V. Hugo, *Les travailleurs de la mer*; P. Loti, *Pêcheur d'Islande*; A. Daudet, *Lettres de mon moulin*; E. About, *Le roi des Montagnes* (Pitt Press); *Choix de lettres du XVIII. siècle*, ed. by G. Lanson (Hachette).

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

The course of lectures is begun every year, and is completed in two years. Fee for course, £4 4s., or 14s. per term.

Subjects of examination in 1907 and 1908 :—

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

(e) Books specially set :—

- Lessing, *Laokoon*, ed. Hamann and Upton (Clarendon Press).  
 Goethe, *Iphigenie*, ed. Bruel (Pitt Press).  
 Schiller, *Ueber naive und sentimentalische Dichtung*, ed. Egger and Rieger (Wien, Karl Grueser).  
 Goethe, *Faust*, Part I., ed. Jane Lee (Macmillans).  
 Selss, *Brief History of the German Language* (Longmans).  
 Klee, *Grundzüge der deutschen Litteraturgeschichte* (Berlin, Bondi).

## HISTORY.

### 12. English History. B.A. and M.A. Pass Degrees.

1907.

The course of lectures is given every second year, and is completed in one year. It will be given in 1907. Fee for the course, £4 4s., or £1 8s. per term.

Subjects for examination in 1907 :—

The professor's lectures and the following books :—

- Gardiner, S. R. *The Puritan Revolution (Epochs of Modern History)*. 2s. 6d.  
 Seeley, Sir J. R. *Expansion of England*. Macmillan. 3s. 6d.  
 Bagehot, W. *English constitution*. (Paternoster library). Paul. 3s. 6d.

NOTE.—Some knowledge of the outlines of English history as set down in J. R. Green's *Short History of the English people*, or S. R. Gardiner's *Student's History of England*, is assumed.

### 13. British Imperial and Colonial History. B.A. and M.A. Pass Degrees.

Subjects for examination :—

The professors lectures and the following books :—

- W. H. Woodward. *Short History of the Expansion of the British Empire*. (Cambridge University Press).  
 E. Burke. *Speeches on American Taxation and Conciliation with America*; ed. A. D. Innes, M.A. (Cambridge University Press).  
 J. M. Ludlow. *The War of American Independence*. (Epochs of Modern History).  
 H. E. Egerton. *A Short History of British Colonial Policy*. (Methuen's Colonial Library).

### 14. The Puritan Revolution, 1642-1660. B.A. Honours and M.A. Degrees.

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

**(a) The Puritan Revolution, 1642—1660.****1. GENERAL—**

- Gardiner, S. R. *History of the great civil war, 1642—1649.* 4v Longmans. 24s.  
*History of the commonwealth and protectorate.* 3v. Longmans. 42s.
- Ranke, L. von. *History of England, principally in the seventeenth century, tr. G. W. Kitchen and C. W. Boase.* Clarendon Press. 63s.

**2. ORIGINAL—**

- Gardiner, S. R. *Constitutional documents of the Puritan revolution.* Clarendon Press. 10s. 6d.
- Clarke MSS.; ed. by C. H. Firth. (Camden Society publications).
- Memoirs of the Verney family during the civil war; ed. by F. P. Verney.* Vol. 1—3. Longmans. 21s. each.

**15. Early English Constitutional History, from the beginning to 1295.****B.A. Honours and M.A. Degrees.****1. GENERAL—**

- Stubbs, W., *Constitutional history of England in its origin and development, vol. 1—2.* Clarendon Press. 3 v. for 12s.
- Maitland, F. W. *Domesday book and beyond.* Cambridge University Press. 15s.
- Pollock, Sir F., and Maitland, F. W. *History of English law.* 2nd. ed. Cambridge University Press. 40s.

**2. ORIGINAL—**

- Stubbs, W. *Select charters and other illustrations of English constitutional history.* Clarendon Press. 8s. 6d.

To obtain honours candidates must show a knowledge of the original authorities mentioned in the above lists of books.

All the books in these lists are to be found in the University Library.

**16. Modern European History, 918—1273. M.A. Honours Degree, 1908.**

For the Ordinary Degree the lectures and examinations in all subjects except No. 8, Modern European History, are the same as for the corresponding subjects in the course for the Ordinary Degree of Bachelor of Arts.

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

Subjects for examination :—

The professor's lectures and the following books :—

- Bryce, J. *The Holy Roman Empire.* 1904 edition. 7s. 6d.
- Archer, T. A., ed. *Crusade of Richard I.* (English history by contemporary writers). Nutt. 3s.

Joinville, Sire de. *Saint Louis, King of France*. Low. 2s. 6d. net.  
*Francis of Assisi, saint. Mirror of perfection; written by Brother  
 Leo of Assisi; ed. by P. Sabatier; tr. by S. Evans. Nutt.  
 2s. net.*

Archer, T. A., and Kingsford, C. L. *The Crusades, the story of  
 the nations*. T. Fisher Unwin.

### M.A. Degree in Honours.

Subjects for examination:—

(a) Hallam, H. *View of the state of Europe during the Middle  
 Ages*. Murray. 7s. 6d.

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

#### 1. GENERAL—

Archer, T. A., and Kingsford, C. L. *Crusades: the story of the  
 Latin kingdom of Jerusalem. (Story of the  
 nations)*. Unwin. 5s.

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

#### 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.*

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

## ECONOMICS.

### 20. Economics.

The course of lectures is given every second year, and is completed in one  
 year. It will be given in 1907. Fee for the course, £4 4s., or £1 8s. per  
 term.

Subjects of Examination in 1907:—

The professor's lectures, together with these text-books:—

Gide, *Principles of Political Economy (translated by Veditz)*.

Sykes, *Banking and Currency*.

Cunningham and McArthur, *Outlines of English Industrial  
 History*.

Recommended for private reading:—

Marshall, *Economics of Industry*.

Mill, *Principles of Political Economy*.

## MENTAL AND MORAL SCIENCE.

Courses of lectures on Psychology, Logic, and on Philosophy will be given every year, and on Ethics every second year. These courses are all completed in one year. Lectures will not be given on Ethics in 1907. Fee for each course, £2 2s., or 14s. per term.

Subjects of examination—The professor's lectures, with the following text-books:—

### 9A. PSYCHOLOGY. (21)

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*.

Huxley, *Elementary Physiology* (new edition), chaps. 8-11.

Recommended for private reading:—

Stout, *Manual of Psychology*.

McDougall, *Physiological Psychology*.

### 9B. LOGIC. (22)

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:—

Creighton, *An Introductory Logic*; or

Fowler, *Deductive and Inductive Logic*; or

Jevons, *Elementary Lessons in Logic*.

*The Roby Fletcher Prize is awarded on the results of the examinations in 9A and 9B.*

## B.A. Pass Degree.

### 9C. ETHICS. (23)

The course of lectures is given every second year, and is completed in one year. It will not be given in 1907. Fee for the course, £2 2s., or 14s. per term.

Subjects of examination:—

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

Mackenzie, *Manual of Ethics*.

Sidgwick, *History of Ethics*.

## B.A. Pass Degree.

### 9D. PHILOSOPHY. (24)

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:—

Fullarton, *System of Metaphysics*.

Schwegler, *History of Philosophy*.

Hume, *Enquiry concerning Human Understanding*.



**25. Philosophy. M.A. Honours Degree.**

Subjects of Examination in addition to requirements of Regulation IV. :—

A more complete knowledge of Psychology, Logic, Ethics, and Philosophy.

Candidates for this examination should intimate their intention to the Professor as soon as possible, and learn what lectures will be given, and what books are prescribed for private reading.

**B.A. Pass Degree.****9E. EDUCATION. (26)**

Lectures on the Theory of Education will be given in 1907, and on the History of Education in 1908. Fee for each course, £1 ls., or 7s. per term.

The examination is confined to the Theory and History of Education, but both must be taken in the same year. In addition to the subject matter of the lectures, a knowledge of psychology is essential, and a general knowledge is expected of the chief educational writings from Plato to Froebel. Candidates should read Herbart, *Science of Education*; Findlay, *Principles of Class Teaching*; Quick, *Educational Reformers*.

**MATHEMATICS.****30. First Year's Course in Pure Mathematics for the B.A. and M.A. Degrees.****Compulsory Mathematics for the B.Sc. Degree.**

A course of lectures is given annually.

Subjects of examination in 1907 :

- (a). Geometry of the straight line and circle : the Theory of Proportion and of Similar Rectilinear Figures : Elementary Solid Geometry.
- (b). The Elements of Algebra as far as the Binomial Theorem.
- (c). The Elements of Trigonometry as far as the Solution of Triangles.

Text-books recommended :

Hall & Stevens—*A text-book of Euclid's Elements*.

Hall & Knight—*Elementary Algebra*, the new edition or the old edition together with supplementary pamphlet on Graphical Algebra.

Lock—*Elementary Trigonometry*.

**31. Second Year's Course in Pure Mathematics for the B.A., M.A., and B.Sc. Degrees.**

A course of lectures is given annually.

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 :—

Todhunter, *Algebra*  
 Todhunter, *Trigonometry*.  
 Smith, *Conic Sections*.  
 Lodge, *Differential Calculus for Beginners*.  
 Lodge, *Integral Calculus for Beginners*.

### 32. Third Year's Course in Pure Mathematics for the B.Sc. Degree.

A course of lectures is given annually.

Subjects of examination :—Analytical Geometry of Two Dimensions, Infinitesimal Calculus.

Text-books recommended—

Smith—*Conic Sections*.  
 Edwards—*Differential Calculus*.  
 Todhunter—*Integral Calculus*.

### 33. Applied Mathematics for the B.A., M.A., and B.Sc. Degrees.

A course of lectures is begun and completed each year.

Subjects of examination :—

Statics, Dynamics, and Hydrostatics, treated with the aid of the elements of Analytical Geometry, and of the Infinitesimal Calculus.

Students should provide themselves with the following :—

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

N.B.—Before commencing this course, students should have attended at least the course No. 30 Pure Mathematics.

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

A course of lectures is given annually.

Subjects for the final examination :—

Analytical Geometry, Infinitesimal Calculus, Analytical Statics, Dynamics of a Particle, Hydrodynamics, Elementary Rigid Dynamics.

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

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

Algebra, the simpler properties of Equations and Determinants.  
 Plane Trigonometry.  
 Elementary Analytical Geometry of Two and Three Dimensions.

The Elements of the Differential and Integral Calculus, with their simpler applications to Geometry.

The solution of such ordinary Differential Equations as occur in Dynamics.

The Statics of Solids and Fluids.

The Kinetics of a particle.

Candidates who present themselves in Pure Mathematics will further be examined in

The Theory of Equations, the higher parts of Analytical Geometry of Two and Three Dimensions, and of the Infinitesimal Calculus.

Candidates who present themselves in Applied Mathematics will be examined in

The Dynamics of Rigid Bodies, and of Material Systems in general.

Hydrodynamics.

The Theories of Sound and Light.

Theory of Attractions.

### 36. Applied Mechanics.

A course of lectures is given annually.

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. 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.

*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.*

Text-book—Goodman's "Mechanics Applied to Engineering."

## PHYSICS.

**37. First Year's Course in Physics for the B.A. and M.A. Degrees.****Compulsory Physics for the B.Sc. Degree.  
Physics for the M.B. Degree.**

A course of lectures is given annually.

Subjects of examination—The professor's lectures and the following text books :

Daniell—*Physics for Students of Medicine*; or

Aldous—*An Elementary Course of Physics*.

**38. Second Year's Course in Physics for the B.A. and M.A. Degrees.**

A course of lectures is given annually.

Subjects of examination :—

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

Watson, *A Text Book of Physics*.

Glazebrook and Shaw, *Practical Physics*.

**39. Second Year's Course in Physics for the B.Sc. Degree.**

A course of lectures is given annually.

Text-books recommended :

Watson—*A Text-book of Physics*.

Glazebrook and Shaw—*Practical Physics*.

**40. Third Year's Course in Physics for the B.Sc. Degree.**

A course of lectures is given annually.

Text-books recommended—

Preston—*Light*.

J. J. Thomson and Poynting—*Heat*.

Thomson—*Electricity and Magnetism*.

**41. Physics for the Honours Degree of B.Sc.**

A special course of lectures in Honours Physics is given annually, forming a continuation of the courses given for the Ordinary degree.

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

In addition to the special course mentioned above, they are required to attend the same lectures as candidates for the Ordinary degree. They are required to spend as much as possible of their time on Laboratory Work, especially after their first year, by which time they should have passed in all their compulsory subjects. They are also expected to attend such portions of the lectures on Mathematics and Chemistry as the Professor of Natural Philosophy may deem necessary for the better understanding of Advanced Physics.

Text-books recommended for the course in Honours Physics :

- Thomson & Poynting—*Sound*.
- Preston—*Light*.
- Preston—*Heat*.
- Gray—*Absolute Measurements in Electricity and Magnetism*.
- J. J. Thomson—*Electricity and Magnetism*.

#### 42. Spherical Trigonometry and Astronomy for the B.A., M.A., and B.Sc. Degrees.

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

Subjects of examination :—

Spherical Trigonometry, Astronomy, including the theory and use of the telescope, spectroscope, &c., elementary computations, and general descriptive Astronomy.

Text-books :—

- McLelland & Preston, *Spherical Trigonometry*, Vol. I.
- Godfray, *Treatise on Astronomy*.
- Young, *Astronomy*.

## CHEMISTRY.

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

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

Subjects of examination in 1906—

- 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 elements and compounds :—

- 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.

**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 instead of Remsen's. Qualitative Chemical Analysis, Inorganic, Chapman Jones.

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

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

Fee, £4 4s. ; or £1 8s. per term.

A more detailed study of the subjects of Compulsory Chemistry and the Elementary Chemistry of rubidium, cesium, 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 weights. Valency. The periodic law. Solutions. Thermo-chemistry. Electrolysis. Mass action. Dissociation. Chemical affinity.

Books recommended :

Inorganic Chemistry Newth. Introduction to Physical Chemistry, Walker.

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

#### **47. Theoretical Chemistry Part II. B.Sc. Course.**

This Course is given when required and is completed in one year.

Elementary and Advanced Organic Chemistry, including both the fatty and aromatic compounds.

Fee, £5 5s.; or £1 15s. per term.

Books recommended :

Organic Chemistry, Bernthsen.

Organic Chemistry, Holleman.

For consultation, Roscoe & Schorlemmer's Chemistry.

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

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

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

The gravimetric estimation of aluminium, 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, &c.

Fee, £12 12s.; or £4 4s. per term.

### 50. Practical Chemistry for Agricultural Course.

This Course extends over one year. Fee for the course, £18 18s.; per term, £6 6s. The practical work will consist of the qualitative analysis of mixtures containing phosphates and silicates and selected organic substances (the same as those in Syllabus No. 40), and also of acidimetry, alkalimetry, simple gravimetric and volumetric analysis, and the analysis of manures, soils, &c.

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

This Course is given annually and is completed in the first two terms of the year.

Law of Substitution. Compound Radicals.  
 Homologous Series. Principles of Ultimate Analysis.  
 Chemical History of the Cyanogen Group. Cyanogen. Hydrocyanic Acid.  
 Cyanic Acid and Urea. Sulphocyanic Acid. Uric Acid.  
 Amylaceous and Saccharine substances.  
 Fermentation. Alcohol, Wine, Beer, &c.  
 Homologues of Alcohol. Ethers, simple and mixed. Oxidation of Alcohol. Aldehyde and Acetic Acid and their homologues.  
 Glycol and Oxalic Acid and their homologues.  
 Glycerine. Fatty and oily bodies. Saponification.  
 Principal vegetable acids.  
 Ammonia and its derivatives. Ammonium and ammoniacal salts.  
 Chief natural organic bases.  
 Chief constituents of the vegetable and animal organisms. Blood, Milk, Bile, Urine, &c. Decay. Putrefaction. Destructive distillation.  
 Benzene, and some of its chief derivatives, especially Phenol, Salicylic Acid, Nitrobenzenes, Aniline, and allied substances.  
 Elementary Chemistry of Naphthalene and Anthracene.

Text-book recommended :

Organic Chemistry : Remsen.

### 52. Practical Organic Chemistry M.B. Course.

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

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

Oxalates, Acetates, Benzoates, Succinates, Tartrates, Urates. Meconates, Gallates, Tannates, Cyanides, Double Cyanides, Alcohol, Starch, Cane-sugar, Grape-sugar, Urea, Morphia, Quinine, Strychnine.

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

The quantitative analysis of milk.

### 53. Practical Organic Chemistry B.A. Course.

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

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



#### 54. Chemistry, Honours.

Candidates for the Honours Degree in Chemistry are required to show a more detailed knowledge of the subjects than is required for the pass degree, and to pass a more stringent examination. They will be expected to spend all the time not necessarily devoted to lectures to work in the laboratory. They will also be expected to attend such portions of the lectures on Mathematics and Physics as the Professor of Chemistry may deem necessary for the better understanding of Advanced Chemistry.

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

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

### GEOLOGY AND MINERALOGY.

#### 55. Geology and Mineralogy. Part I., B.Sc. Course; also B.A., M.A., and Courses for Diploma in Applied Science and Agriculture:

Lectures and practical work will extend over four terms, commencing with the third term of each year, and will comprise Physiographical Geology, Elementary Mineralogy (including Crystallography), Petrology, Geology, and Palæontology.

A certain amount of field work will be done during the 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 with the candidate's notice of entry for examination.

##### A. PHYSIOGRAPHY. Land Forms, Processes of waste and reconstruction.

About 20 lectures in the above subjects will be delivered during the third term, as part of the Geology and Mineralogy Part I. Course. Fee, £1 1s.

##### Text Books :—

Lapworth's *Intermediate Text Book of Geology*, or  
Tarr, R. S. *New Physical Geography*.

##### For Reference :

Davis, W. M. *Elementary Physical Geography*, also *Physical Geography*.  
Geikie, Jas. *Earth Sculpture*.  
Marr, John E. *Scientific Study of Scenery*.  
Gregory, J. W. *Geography of Victoria*.  
Herbertson's *Outlines of Physiography*.

##### B. STRUCTURAL AND TECTONIC GEOLOGY.

##### Text Books :—

Geikie, Jas. *Structural and Field Geology*, or  
Penning. *Text Book of Field Geology*.

##### For Reference :—

Chamberlin and Salisbury. *Geology Processes and their Results*.  
Suess. *The Face of the Earth*.  
Jukes-Browne. *Students' Hand Book of Physical Geology*.

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

Text Books:

Wood. *Elementary Palaeontology*.

Seward. *Fossil Plants*.

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

Text Books:

Kayser and Lane. *Text Book of Comparative Geology*.

Jukes-Browne. *Students' Handbook of Stratigraphical Geology*.

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

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

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

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

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

Books of reference:

Miers, H. A. *Mineralogy; an introduction to the scientific study of minerals*. Macmillan & Co., London. 30s.; or

Dana, E. S. *Text book of mineralogy*. New ed. Wiley. 18s.

Moses, A. J. and Parsons, C. L. *Elements of mineralogy, crystallography, and blowpipe analysis*. New ed. Van Nostrand. \$2.00 net.

Rutley, F. *Mineralogy*, 12th ed. rev. Murby. 2s.

Krause, F. M. *Introduction to the study of mineralogy for Australian readers*. Robertson. 6s.

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

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

Text Book:

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

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

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\* 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.

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

Books of Reference :—

- Williams, E. H. *Manual of Lithology*. Wiley.  
 Harker, A. *Petrology for students*. (*Cambridge natural science manuals*).  
 Cambridge University Press. 7s. 6d.  
 Cole, G. *Aids in Practical Geology*. New ed. Griffin. 10s. 6d.

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

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

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

Books of reference :—

- Luquer, L. McI. *Minerals in rock sections*. Van Nostrand. \$1.50 net.

Fees—Lectures—£2 2s. per annum, or 14s. per term.

Laboratory Work—£2 2s. per annum, or 14s. per term.

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

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

SECTION A.

G. ECONOMIC ASPECTS OF GEOLOGY.

For Reference :

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

H. PALÆONTOLOGY.

Text-books :

- Zittel. *Text-book of Palæontology, Vol. I.*; or,  
 Nicholson and Lydekker. *Manual of Palæontology, Vol. I.*

I. DETAILED STUDY OF AUSTRALIAN GEOLOGY.

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

SECTION B.

J. CRYSTALLOGRAPHY.

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

## Text-book :

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

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

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

## K. OPTICAL MINERALOGY.

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

## Books of reference :

Miers, H. A. *Mineralogy*.

Dana, E. S. *Text-book of Mineralogy*.

Fletcher. *The Optical Indicatrix*.

Moses, A. J. *Characters of crystals*. Van Nostrand. 8s. 6d. net.

Rosenbusch, H. *Microscopical physiography of rock-making minerals*; tr. by J. P. Iddings. 5th ed. Wiley. 21s.

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

## L. PETROLOGY.

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

## Books of reference :

Rosenbusch, H. *Elemente der Gesteinslehre*. 2nd ed. Stuttgart.

Cross, Iddings, Pirson, Washington. *Quantitative Classification of Igneous Rocks*.

Behrens, H. *Manual of microchemical analysis*. Macmillan.

Washington, H. S. *The Chemical Analysis of Rocks*.

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

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

### 58. Geology and Mineralogy. Part II., B.A., and M.A. Pass Degrees.

Students may elect to proceed under either of the two following alternative sections:—

## SECTION A.

Students may take any two of the subjects G., H., I., as prescribed under paragraph 56, section A. for the B.Sc. degree.

## SECTION B.

Students are requested to take Optical Mineralogy and Petrology (K. and L), as prescribed under paragraph 56, section B. for the B.Sc. degree.

Fees for Sections A or B—£5 5s. per annum, or £1 15s. per term.

**59. Geology and Palæontology. Honours Degree.**

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

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

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

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

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

**60. Mineralogy and Petrology. Honours Degree.**

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

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

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

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

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

### 61. Mining Geology.

Same as Part I. B.Sc. regulations detailed under subject 55, with an additional course of lectures in Mining Geology, as indicated below.

- I. Classification of ore deposits.—(a) morphological, (b) genetic.
- II. Ores deposited contemporaneously with sedimentary rocks.—Syngenetic—Clastic deposits; precipitates from aqueous solutions; altered sedimentary ores.
- III. Ores introduced subsequently to formation of rock mass.—Epigenetic—  
(a) In interstices of rocks—disseminations  
(b) By deformation, in faults, joints, flexures, planes of fissility, &c.
- IV. Phenomena of mineral veins, lodes, stockworks, &c.
- V. Physical and other conditions which regulate deposition of ores: as depth, pressure, gaseous and aqueous circulation, temperature, &c.
- VI. Theories on the origin of lode deposits. Oxidation. Secondary enrichments of ores. Ore shoots.
- VII. Ores produced by igneous processes. Magmatic segregation. "Eruptive After-action" (pneumatolytic).
- VIII. Ores produced by Metamorphism. Effects of ascending and descending waters. Replacements. Metasomatism.

These lectures are intended for mining students of fourth year status, and will occupy one hour each week during the second term.

Fees—£1 1s.

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## BIOLOGY AND PHYSIOLOGY.

### A

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

The instruction in this subject will include:—

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

Text-books recommended:—

Practical Biology: Huxley and Martin.

Elementary Biology: Parker;

The Frog, an Introduction to Anatomy and Histology: Milnes Marshall.

Essentials of Histology: Schäfer; or

Elements of Histology: Klein.

Introduction to Botany: Dendy and Lucas.

## B

**67. Physiology (for the Degrees of M.B. B.A. and B.Sc., Pass and Honours).**

The subject matter of Halliburton's Handbook of Physiology and the Professor's Lectures.

Text-books recommended :

Handbook of Physiology : Halliburton (latest edition).

*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 :

Essentials of Histology : Schäfer (latest edition) ; or

Elements of Histology : Klein.

Essentials of experimental Physiology : Brodie.

Essentials of Chemical Physiology : Halliburton.

**68. Physiology (for the Degree of B.Sc., Pass and Honours).**

This course will extend over two years.

In addition to the course set forth under 47, 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, Organic Chemistry. A laboratory course in Physiological Chemistry will be prescribed.

Fee for the whole course, £18 18s. ; or £3 3s. per term.

Text-books.—Those recommended under 47, and in addition Text-book of Physiology (Foster) and parts of Schäfer's Text-book of Physiology.

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

Candidates for the Honours Degree in Physiology are required to show a more detailed knowledge of the subject than is required for the Pass Degree, and to pass a more stringent examination. They are required to attend lectures and pass an examination in Physical and Organic Chemistry. They are required also to 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, Physiological Chemistry and Botany pay a fee of £18 18s. a year, or £6 6s. a term.

Text-books.

Those recommended under 47, and, in addition,

Text-book of Physiology, edited by Schäfer.

General Physiology, Verworn (English Translation by F. S. Lee).

Quain's Anatomy.

Text-book of Chemical Physiology and Pathology, Halliburton.

Also other works and various special articles to which reference will be given.

## AGRICULTURE.

### Special Course in Agriculture, Viticulture, and Oenology.

*This Course will extend over two years. Fee £30, or £15 per annum payable in advance.*

#### 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 (1905):—

- (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.

### 72. Applied Mechanics (i).

Units of mass, length, time, force, and work used in engineering. Calculation and measurement of areas and volumes. Velocity. Graphical representation of work. Power and energy. Simple machines. Useful and lost work. Mechanical advantage. Friction—static, sliding, and rolling. Anti-friction wheels. Friction clutches. Brakes and dynamometers. The screw. Wheel-gearing. Angular velocities and velocity ratios. Change wheels for screw-cutting lathes. Friction gearing. Teeth of wheels—the cycloid and involute. Bevel wheels. Belt, rope, and chain gearing.

Centres of gravity. Acceleration. Moments of inertia. Radius of gyration. Centrifugal force. Momentum. Impulse. Stress, strain, and elasticity. Resilience. Shearing. Bending. Torsion. Combined twisting and bending. Strength of shafting. Cylinders. Helical seams. Suspended chains and wires.



Text-books—"Lessons in Applied Mechanics," Cotterill and Slade's "Mechanics Applied to Engineering," Goodman.

Reference Book—"A Text-book of Applied Mechanics," Jamieson.

### 73. Applied Mechanics (ii).

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

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

REFERENCE BOOKS—"Applied Mechanics"—Cotterill; "Mechanics of Machinery"—Kennedy; "Principles of Mechanism"—Robinson; "Velocity

Diagrams"—MacCord ; "Kinematics of Mechanical Movements"—MacCord ;  
 "Balancing of engines"—Dalby.

### 36. Applied Mechanics (iii)

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

### 75. Assaying (i).

Estimation of coke and volatile matter in coal. Estimation in the dry way of lead and silver in litharge and red lead, argentiferous ores, including 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:—Acidimetry and alkalimetry. Determination of—Copper. Iron in various ores and slags. Copper and iron in copper pyrites. Estimation of lime in slags and limestone. Determination of manganese in ores, slags, and metals. Determination of lead in ores, slags, &c. Zinc by various volumetric processes. Preparation of pure gold and silver and assay of gold and silver bullion by dry methods. Assay of silver bullion by Gay Lussac's sodium chloride method and Volhard's thiocyanate method. Arsenic in various materials. Phosphorus in manures, phosphate rock, and basic slag. Antimony and chromium in ores and alloys. Determination of cyanides and cyanogen and the technical analysis of working solutions from the cyanide process of extracting gold. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and chalcopyrite involving separations and the use of volumetric and gravimetric estimation of the constituents. Complete analysis of various metallurgical products. Analysis of typical commercial metals and alloys.

If time allows, gas and water analysis will be included.

### 77. Assaying (ii).

MINING COURSE.

Determination of iron, lead, copper, zinc, manganese, lime, phosphates.

### 78. Assaying (ii.)

ELECTRICAL ENGINEERING, COURSE B.

Acidimetry and Alkalinity. Estimation of copper, zinc, lead; analysis of commercial copper and electrolyte from refining works; electrolytic analysis bullion assays, and estimation of gold and silver.

### 79. Assaying (iii).

METALLURGY COURSE.

Analyses of iron and steel works' materials and products.  
 Analyses of furnace gases.

Technical analysis of boiler water.

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

Complete analyses of commercial metals and alloys.

### 80. Building Construction.

A descriptive course in elementary building construction. The lectures will include the consideration of wall and arch construction in brickwork and masonry. Joints in brickwork. Ventilation and prevention of damp. Brick drains and sewers. Chimney construction. Joints and fastenings for woodwork. Timber beams and trussed timber girders and roofs. Floors. Partitions. Door and window framing. Stairways. Sections of rolled steel used in building construction. Steel building construction for machine shops and factories. American fireproof buildings.

Foundations. Excavation. Shoring. Scaffolding. Caisson work. Piling.

The physical and chemical properties of building materials, as brick, stone, tiles, terracotta, lime, mortar, cement, concrete, asphalt, &c.

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

Reference Book.—“Building Construction”—Rivington.

### 81. Drawing (i).

#### FIRST TERM.

GEOMETRICAL DRAWING, including all that is usually taught in this subject up to the construction of the conic sections, the cycloids, volutes, and spiral. Taken at the School of Design.

#### SECOND TERM.

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. Taken at the School of Design.

#### THIRD TERM.

A course in Solid Descriptive Geometry, including the projection of points, lines, planes, and simple solids, the principles of perspective drawing and isometric projection. Taken at the School of Design.

### 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.

### 85. Electrical Engineering.

#### LECTURES—FIRST TERM.

These lectures will be devoted to the general principles of Direct Current Work and their embodiment in designs of D.C. Electrical Machinery.

#### SECOND TERM.

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 Incandescence Lighting, Tramways, Motor Control, etc., Description of Modern Generators, Switchboards, and Power Stations.

#### THIRD TERM.

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 of Transformers, Synchronous and Induction Motors, Design of A.C. Apparatus such as Choking Coils, Transformers, Auto-Transformers, &c.; Transmission and Distribution of Power, Long-distance Transmissions and Line Characteristics, Polyphase Currents, Fundamental Principles Applications to Generators, Motors, Rotary Converters, Frequency Converters, Arrangements and Grouping of Transformers, Star and Mesh, Description of Modern Polyphase Machinery, Special Switchboard Arrangements, &c., Industrial Applications.

Honour students will be examined on the work as outlined for Pass students, but will be expected to have acquired a knowledge of the more advanced detail work of Alternating Currents. Such students are also encouraged to devote as much time as available in pursuing investigations in the Laboratory, and are expected to present at the end of the year a thesis dealing with any portion of the work approved by the lecturer.

Special text-books for such students will be from time to time recommended.

#### PRACTICAL WORK—FIRST TERM.

Potentiometer Measurements of Current, E.M.F. and Res., Calibration of Ammeters, Volt Meters, Watt Meters, Supply Meters, Characteristics of D.C. Dynamos and Motors, separately excited, Series, Shunt, compound and over and under compounded.

#### SECOND TERM.

Efficiency of Motors, Brake Tests, Hopkinson and Kapp Tests for a pair of machines, Behaviour of Motors and Dynamos running in parallel, Separate or Direct Coupled, Steam and Gas Engine Testing.

#### THIRD TERM.

Characteristics of Alternators, Single and Polyphase, Efficiencies, Point to Point Determination of Waves of E.M.F. and Current, Power Factors, Calibration of Instruments, Combinations of Res., Cap, Induction, Choking Coils, Transformer Characteristics and determination of losses and efficiency

by different methods, Testing of Synchronous and Induction Motors and Rotary Converters, Grouping of Transformer Coils in Polyphase Systems, Synchronising, or running machines in parallel.

*Text-books :*

- Hawkins and Wallace : The Dynamo.  
 S. P. Thompson : Polyphase Electric Currents.  
 Steinmetz : Elements of Electrical Engineering.  
 Rhodes : An Elementary Treatise on Alternating Currents.  
 C. A. Wilson : Electro-dynamics of the Direct Current Motor.  
 G. D. Aspinall Parr : Electrical Engineering Testing. (A practical work for Second and Third year students and engineers).  
 Ewing : Magnetic Induction in iron and other metals.  
 Bedell : The Principles of the Transformer.  
 D. C. & J. P. Jackson : Alternating Currents and Alternating Current Machinery.

*Books of Reference :*

- Dawson : Electric Railways and Tramways.  
 Wordingham : Central Electric Stations.  
 Borchess and McMillan : Electric Smelting and Refining.  
 Clark Fisher : The Potentiometer and its Adjuncts.  
 J. A. Fleming : Electrical Laboratory Notes and Forms.  
 J. A. Fleming : The Alternate Current Transformer, Vol. I and II.  
 Nicholls : Laboratory Manual of Physics and Applied Electricity. Vol. II.  
 Munro & Jamieson : Pocket Book of Electrical Rules and Tables.  
 Foster : Electrical Engineer's Pocket Book.  
 Merrill : Electric Light Specifications.  
 Articles in the Journal of the Inst. of El. Engr., Electrician, Electrical World, &c.  
 Sheldon & Mason : Alternating Currents.  
 Oudin : Standard Polyphase Apparatus and System.

### **85A. Electrical Engineering.**

An introductory set of lectures to the Electrical Engineering Fellowship II. Course, taken also by students in Mining and Mechanical Engineering Fellowship Courses.

### **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, &c.

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, &c.

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 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, &c.

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, &c., 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 along pipes and open channels.

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

Text-books:

Merriman—Treatise on Hydraulics.

Bodimer—Hydraulic Motors, Turbines, and Pressure Engines.

### **90. Machine Design (i).**

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

DETAILS OF THE STEAM ENGINE.—Crank, eccentrics, connecting rods, crossheads and guides, pistons, piston-rods, cylinders, stuffing boxes, valves, and valve-gearing link-works, fly wheels, governors.

The design of steam boilers.

Text-book: "A Manual of Machine Drawing and Design." Low & Bevis.

Reference Books: "Elements of Machine Design." Unwin. "Valves and Valve Gearing." Hurst.

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

ADVANCED PROBLEMS IN MACHINE DESIGN.—Students will design and make complete working drawings of parts of machinery, as far as possible, without the aid of the instructor.

### 92. Machine Design (iii).

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

### 93. Mechanical Engineering (i).

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

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

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

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

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

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

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

### 94. Mechanical Engineering (ii).

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

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

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

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

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

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

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

### 95. Mechanical Engineering (iii).

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

### 96. Mechanical Engineering (iv).

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



**97. Metallurgy (i)—Theoretical.**

## INTRODUCTORY.

**DEFINITION AND SCOPE OF METALLURGY.**—History. Physical properties of metals and characteristic examples. Simple testing machine.

**EXPLANATION OF TERMS USED.**—Ore, Gangue, Dressing, Calcination, Roasting, Smelting, Liquefaction, &c.

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

**REFRACTORY MATERIALS** employed in the construction of furnaces, crucibles, and retorts. Their general properties and composition. Firebricks, Crucibles.

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

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

## IRON AND STEEL.

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

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

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

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

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

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

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

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

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

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

**TIN.**—Physical properties. Ores of tin. Principles of tin smelting, Cornish method of smelting. Furnaces and appliances used at Pulo Brani, Singapore. Products. Refining tin. Liquefaction. Boiling. "Tossing." Alloys of tin.

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

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

### 98. Metallurgy (i).—Practical.

Determination of coke, volatile matter, ash, moisture, sulphur in coal, calorific power of coal. Testing refractory materials. Preparation of silicates. Production of coarse metal, white metal, and metallic copper from copper pyrites. Determination of the amounts of lead required to remove copper from silver copper alloys. Effect of furnace conditions and metals other than lead and copper on cupellation. Chloridising roasting of silver ores, and lixiviation with "hyposulphite." Roasting of auriferous pyrites and extraction of the gold by the chlorination process. Extraction of gold from ores by potassium cyanide and precipitation of gold from the solution. Preparation of typical alloys. Preparation of pure silver and gold and assay of 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. Semet-Solvay and Otto Hoffmann ovens. Gaseous fuels—Natural, artificial, Siemens Wilson, Mond producer with recovery of bye products, water gas producers. Methods of measuring high temperatures. Electric resistance and thermo-couple pyrometers. Automatic recording pyrometers.

## METALLURGY OF COPPER.

Impurities in copper and their effects on its physical properties. Preparation of ore for smelting. Modern automatic calcining furnaces. The modern Welsh process of smelting. Blast furnace smelting. Modern American water-jacketted furnaces—working and products. Machine for producing the blast. Pyritic smelting. Bessemerising of copper mattes. Converters and appliances used. Products. The Best-selecting process. Kernel roasting. Combined blast, converter, and reverberatory methods practised in modern plants. The Nicholls and James "direct" wet process. Electrolytic refining of copper and the recovery of the precious metals. Varieties of commercial copper.

## METALLURGY OF LEAD.

Comparison of the chief methods of smelting, their respective advantages, and the nature of the ores that can usually be treated by each. Outlines of the old Cornish process. (Flowing furnace) Shaft furnace smelting. Calculations of the charges. Typical slags. Brick and water jacketted furnaces, advantages of each. Lead fume. Character and approximate composition methods and apparatus for condensation. Treatment of lead fume. Pattinsonisation by steam. Parke's process details. Modification of Parke's process. German method of cupellation. Comparison with the English method. Manufacture of sheet lead, pipe, and shot. Precautions against lead poisoning in works. Commercial lead and its impurities. Autogenous soldering.

## METALLURGY OF GOLD.

Influence of various impurities on the physical properties of gold. General arrangement of a stamp mill. Construction of the stamp battery. Amalgamated plates. Frue vanner and its uses. Amalgamation in mills. The Huntington mill. Amalgamation in pans. Causes of loss of mercury and gold, and the precautions adopted to minimise them. The Boss continuous process. Chlorination process in vats and barrels. The process used at Mount Morgan. The cyanide process. Ores and tailings suitable for the process. Treatment of slimes. Appliances used. Use of bromine in the process. Precipitation of the gold by zinc and by electrolysis. Treatment of the precipitate to obtain gold bullion. Cripple Creek and West Australian practice in treatment of tellurides. Parting gold bullion by nitric acid. Alloys of gold.

## METALLURGY OF SILVER.

Preliminary preparation of silver ores by roasting. Construction of modern mechanical roasting furnaces. Outlines of the old Mexican Patio process. The Patera and Kiss hyposulphite processes. The Russell process. Extraction of silver from burnt pyrites by Claudet's process. Combined smelting and wet process for silver ores associated with copper and gold, as practised in Colorado. General scheme of smelting for mixed ores. Extraction of silver from metallic copper by treatment with sulphuric acid and by electrolytic methods.

## METALLURGY OF MERCURY.

Modern methods of smelting and purification.

## METALLURGY OF ALUMINIUM.

Physical properties and most important uses of the metal. Extraction by modern electrolytic methods. Uses of aluminium as a reducing agent. Other applications in metallurgical processes. Alloys containing aluminium.

## METALLURGY OF IRON AND STEEL.

**CAST IRON.**—Modes of existence of carbon in grey, mottled, and white. Grading of pigs. Influence of carbon, phosphorus, sulphur, and silicon on iron. Cowper and Whitwell hot blast stoves. Slags. Blast furnace smelting. Utilisation of the furnace gases. Conditions under which various elements are reduced in the blast furnace. "Special" irons. Melting pig iron in cupolas. Chill castings. Malleable castings.

**WROUGHT IRON.**—Theory of the "pig boiling" process. Reheating and puddling furnaces fired by gas. Chief varieties and sections of merchant iron.

**STEEL.**—Materials suitable for various steel-making processes. Open hearth steel castings. Means of preventing unsoundness in these castings. Composition, physical properties, and uses of the various kinds of steel. Case hardening. "Harveyising" armour plates. Special steels—Manganese steel, chrome steel, nickel steel, tungsten steel; uses, composition, and manufacture of each. Ship plates, boiler plates, tin plates, joists, rails, nickel steel armour plates.

## METALLURGY OF NICKEL AND COBALT.

**ORES.**—Properties of the metal. Dry methods of extraction from Canadian and New Caledonian ores. Furnaces and appliances used. Production of nickel. Copper alloy and metallic nickel. Wet extraction from arsenical ores and speise and separation of cobalt. Mond's nickel-carbonyl process. Electroplating. Alloys and applications of the metals. Smalts.

## METALLURGY OF PLATINUM.

Ores and occurrence of platinum. Extraction and separation of metals usually associated with platinum. Melting and refining.

## METALLURGY OF ANTIMONY.

Properties. Impurities in the commercial metal. Liquefaction of stibnite. English and French processes for extraction. Refining. Uses.

## METALLURGY OF ARSENIC.

Preparation of white arsenic and metallic arsenic. Uses of the metal.

## METALLURGY OF BISMUTH.

Ores and metallurgical products containing bismuth. Wet and dry methods of extraction. Purification. Impurities in the commercial metal. Alloys of bismuth.

**100. Metallurgy (iii).**

The subjects of Metallurgy II. treated in greater detail.  
Modern theories of alloys and molecular structure of metals.  
Design of plant.  
The present state of metallurgical practice.  
Recent metallurgical researches.

**101. Mining (i).**

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—C. le Neve Foster "Text Book of Ore and Stone Mining."

## 102. Mining (ii).

This course will be an extension of the course mapped out in Mining (I), with the addition of the methods of mining coal. Students will be expected to show a greater knowledge of detail than in the previous course. The design of pumping, winding, and ventilating plants, systems for transmissions of power, gold mills, ore-dressing mills, &c., will be discussed in detail, with illustrative examples. The course of lectures on hydraulics will also be included.

Books recommended—C. le Neve Foster, "Text Book of Ore and Stone Mining"; S. J. Truscott, "The Witwatersrand Goldfields"; Louis, "Gold Milling"; H. C. Behr, "Mine Drainage"; W. H. Storms, "Methods of Mine Timbering."

## 103. Ore-Dressing.

ROCK BREAKERS.—The Blake, Dodge, and Gates types. Details of construction, capacity, power and cost, and general comparisons.

CRUSHING ROLLS.—Descriptions of different types. Close and spaced rolls. Effect of speed upon capacity and character of crushed product. Power required.

**THE STAMP MILL.**—Detailed descriptions of typical constructions of the various parts. Battery frames and foundations. Comparisons of different designs. The use and economy of automatic feeders. Steam stamps.

The Arrastra, Chilian mill, Huntingdon mill, Griffin mill, Ball mills, Tube mills, Heberli grinders, grinding and amalgamating pans, Berdan pans.

General comparisons of the cost and character of the reduction effected by different machines.

**SCREEN SIZING.**—Grizzlies. Flat shaking sieves. Revolving trommels.

**HAND SORTING.**

**HYDRAULIC CLASSIFICATION.**—Spitzkasten and Spitzlutten. Slime separators. Laws of classification by free settling in water.

**JIGS.**—Description of types. The Hartz, May, Hancock, and others. Character of the action of jigs. The effect of interstitial currents and suction. Richard's experiments.

**CONCENTRATING TABLES.**—General laws. The Wilfley table, Frue vanner, Luhrig vanner, canvas tables, buddles, &c.

**MAGNETIC SEPARATION** and other special processes.

Elevators, launders, bins.

Application of principles to the consideration of general mill schemes. Discussion and description of actual mills.

**REFERENCE BOOKS.**—R. H. Richards: "Ore Dressing"; Louis: "Gold-Milling."

#### 104. Pattern-Making.

The use of the various tools used in pattern-making and moulding, including the wood-turning lathe. Each student will be required to make finished patterns of simple parts of machine castings, and also to construct skeleton patterns and sweeps for loam moulding.

#### 105. Railway Engineering.

Preliminary surveys and location of a line of railway.

The setting out of circular and transition curves.

Limiting grades and curvature.

The design and methods of construction of cuttings and embankments.

The setting out and measurement of earthworks.

Drainage. Size of waterways.

Design of culverts and minor bridges.

Design and construction of tunnels.

The permanent way. Ballast. Sleepers. Rails and rail fastenings.

Specifications.

Switches and crossings.

Signals.

Types of locomotive and rolling stock.

Train resistance.

Railway economics.

**REFERENCE BOOKS.**—Railway Location: A. M. Wellington; Railway

Construction: W. H. Mills; Manual of Locomotive Engineering: Pettigrew

and Ravenshear

### 106. Surveying and Levelling.

Subject defined. Measurement of distance. Gunter's chain, its uses and defects. Steel tapes. Chaining on sloping ground. Conditions necessary for accurate work. Effects of temperature and sag, and corrections for the same. Tension required to eliminate sag. Base line measurements by standard bars and by wire ribands. Reduction to mean sea level. Stations and station lines. Field notes. Perpendicular offsets by chain, cross-staff, optical prism, and optical square. Oblique offsets. Chaining past obstacles. Chain surveying by triangulation. Tie lines. The magnetic needle. Magnetic declination. Isogonic and agonic lines. Daily and secular variation. Magnetic storms. Local attraction. Magnetic and true bearing. Azimuth. The compass. Dip of needle and use of counterpoise. Influence of shape and method of support of needle upon its sensitiveness and reliability. The prismatic compass. Surveying with the compass. Elimination of local attraction. The miner's dial. Dialling. Construction of the theodolite. The vernier. The telescope. The reticule. Replacing broken cross wires. Examining the telescope for spherical and chromatic aberration. The achromatic lens. Parallax. The Ramsden eyepiece. The erecting and diagonal eyepieces. Adjustments of the transit and Y theodolites. Index error of the vertical circle. Elimination of instrumental errors in the measurement of angles. Eccentricity of verniers and of centres. Elimination of errors of graduation by repeating. Running a straight line. Setting out curves. The transition curve. Traversing by orientation and by deflection angles. Reducing the survey. Calculation of reduced bearings, latitudes and departures of courses, and total latitudes and total departures of stations. Use of traverse tables. Error of closure. Balancing the survey. Plotting the survey with protractor and by co-ordinates. Computing area of closed traverse by latitudes, departures, and meridian distances, and by rectangular co-ordinates. Correction to computed area for erroneous length of chain. Formulae for computing areas between station lines and irregular boundaries. Supplying missing data in a closed traverse. Problems on the subdivision of land. Stadia measurements. The Y and dumpy levels and their adjustments. Levelling. Corrections for curvature of the earth and for refraction. Elimination of errors of curvature, refraction, and collimation adjustment in the field. Bench marks. Allowable error. Reduced levels. Section levelling. Cutting and filling. The prismoidal formula. Area of three level section. Contouring large and small areas. Contour maps. Measurement of volumes for building sites, open cuts, reservoirs, grading, &c. Tunnelling. Surveying underground. Connecting underground and surface surveys. Mine survey problems. Mine plans. Definition of some astronomical terms. Altitude. Azimuth. Zenith distance. Declination. Hour angle. Right ascension. Mean and apparent time. Equation of time. Solar and sidereal time. Local time. Calculation of time of culmination of circumpolar stars. Simple determinations of latitude and longitude and location of the meridian.

### 108. Woodworking.

This is a course in practical carpentry intended to make the student familiar with the use of woodworking tools and to give him a knowledge of the elementary principles of carpentry. It is intended as an introductory course to pattern-making.

## THE FACULTY OF LAW.

### I. 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 :—

Williams' Real Property (omitting Part I. Chaps. 11 and 13 ; Part II. Chap. 5 ; Parts III.—VII.)

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

### II. 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.
  - Landlord and Tenant Act, 1893.
  - Trustee Act, 1893.
  - Administration and Probate Acts, 1891 and 1904.
  - Real Property Act, 1886.
  - Bills of Sale Act, 1886, and No. 4 of 1855-6.
  - Married Women's Property Acts, 1883-4, and 1893, so far as they relate to Property.
  - Insolvent Act, 1886.
  - Act No. 7 of 1862, Part, II.
  - Act No. 8 of 1841 (Registration of Deeds).
  - Companies Act, 1892.
  - Policies Protection Act, 1887.
- (c) The Reports of Cases specially prescribed in lectures.

#### Text-books :—

Williams' Real Property. } The parts relating to the  
 Williams' Personal Property. } special subjects.  
 Snell's Principles of Equity, Part II., Chaps. 1-15.  
 Underhill's Law of Trusts.

### III. CONSTITUTIONAL LAW—(112).

- (a) Outlines of the Constitutional History of England
- (b) Elements of English Constitutional Law
- (c) Relations of the Crown and Imperial Parliament to the Colonies and Dependencies



- (d) The Constitution of South Australia
- (e) The Constitution of the Australian Commonwealth
- (f) The Statutes and Cases specially prescribed in the course of lectures.

Text-books :

Dacey's Law of the Constitution.  
Moore's Commonwealth of Australia.

IV. LAW OF CONTRACTS—(113).

- (a) General Principles
- (b) The Law as to the Sale of Goods, Negotiable Instruments, Agency, Partnership, Suretyship, Bills of Lading, Insurance, and Bailments
- (c) The following Statutes :—  
Married Women's Property Acts, 1883-4, 1898, 1902 (so far as they relate to Contracts)  
Bills of Exchange Act, 1884  
Bills of Lading Act, 1859  
Limitation of Suits and Actions Act, 1866-7 (so far as it relates to Contracts)  
Mercantile Law Amendment Act, 1861  
Sale of Goods Act, 1895  
Partnership Act, 1891  
Money Lenders Act, 1903  
Bills of Lading Act, 1903 (Fed.)
- (d) Reports of Cases specially prescribed in lectures.

Text-book :

Anson's Law of Contract.

V. LAW OF WRONGS—(114).

- (a) Law of Torts.
- (b) The following Statutes :—  
Employer's Liability Acts, 1884 and 1889  
Lord Campbell's Act, 1865, and No. 17 of 1874  
Companies' Act, 1892, Section 221  
Law of Libel Amendment Act, 1895  
Act to Amend the Law of Slander, 1865  
Limitation of Suits and Actions Act, 1866-7, Sections 36, 37, 38, 47  
Act, No. 6 of 1867, Sections 19, 20, and 24  
Noisy Trades Act, 1898.
- (c) Criminal Law, so far as it relates to the following indictable offences :—Treason, Treason-felony, Rioting, Forcible Entry, Sedition, Piracy, Perjury, Nuisance, Homicide, Assault, Bigamy, Libel, Larceny, Embezzlement, False Pretences, Burglary, Conspiracy, Misappropriation, Forgery.

(d) Outlines of Criminal Procedure in indictable offences

(e) Reports of Cases specially prescribed in lectures.

Text-books :

Pollock's Law of Torts.

Kenny's Outlines of Criminal Law.

*NOTE.*—*The Law of Torts and the Law of Crimes are distinct subjects ; and Students are required to pass in each at the same examination.*

VI. ROMAN LAW—(115).

The course of lectures is given every second year, and is completed in one year. It will be given in 1907.

(a) The historical development of Roman Law

(b) The Roman Law under Justinian

(c) The Law of Obligations

(d) The Contract of Sale in Roman and English Law. Passages from the Digest and Reports of English Cases specially prescribed in the course of lectures.

Text-books :

Imperatoris Justiniani Institutiones.

Liber III., XIII.—XXIX. ; Liber IV., I.—V. (Moyle's edition preferred).

Hunter's Introduction to Roman Law.

Moyle's Contract of Sale in the Civil Law.

Chalmers' Sale of Goods Act.

VII. PRIVATE INTERNATIONAL LAW—(116).

The course of lectures is given every second year, and is completed in one year. It will be given in 1908.

Text-books :

Dicey's Conflict of Laws.

Nelson's Cases in Private International Law.

VIII. 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 1907.

Text-books :

Brown's Austinian Theory of Law.

Salmond's Jurisprudence, Chaps. I.—XI. and Chap. XV.

Bentham's Theory of Legislation, pp. 1-158.

Ritchie's Principles of State Interference.

IX. LAW OF EVIDENCE AND PROCEDURE—(118).

(a) Principles of the Law of Evidence

Statutes : No. 2 of 1852 ; 24 of 1855, sections 12-21, and 35-4 inclusive ; 13 of 1866 ; 10 of 1869 ; 162 of 1879 ; 245 of 1882 ; 435 of 1888.

State Laws and Records Recognition Act, 1901 (Fed.).

*(b)* Procedure of the Supreme Court.

Supreme Court Acts, No. 5 of 1853; No. 24 of 1855-6; No. 3 of 1862; No. 8 of 1867; and No. 116 of 1878; with Rules of 1879, 1884, and 1893.

Intercolonial Debts Act, 1887.

Creditors' Remedies Act, 1880.

Service and Execution of Process Act, 1901 (Fed.).

## Text-books :

Stephen's Digest of the Law of Evidence.

Phipson's Law of Evidence.

Odgers' Principles of Pleading.

*(c)* Procedure of the Local Court.

Local Courts Act, 1886.

NOTE.—The following course of study is suggested to candidates for the Degree of Bachelor of Laws:—

## FIRST YEAR.

Latin.

Law of Contract.

One subject included in the B.A. Course.

## SECOND YEAR.

Law of Property (Part I.)

Constitutional Law.

## THIRD YEAR.

Law of Property (Part II.)

Law of Wrongs.

Roman Law.

## FOURTH YEAR.

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.

*Students are required to provide themselves with the necessary text books before the beginning of each session, and for this purpose it is necessary that orders should be given to the booksellers at least three months beforehand.*

*Students are recommended to attend the Elocution Class. Fee—10s. 6d. per term.*

For details of subjects for examination in March, 1907, see the Calendar for 1906.

## FACULTY OF MEDICINE.

**120. Elementary Anatomy.**

Fees for the Course, £8 8s.

*I. Descriptive Anatomy.*

Bones, Joints, and Muscles, illustrated by osteological specimens and recent dissections.

Text-books recommended :—

Anatomy, Descriptive and Surgical : Gray ; or  
Elements of Anatomy : Quain.*II. Practical Anatomy.*

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

Text-books recommended :—

Demonstrations of Anatomy : } The Student's Cunningham,  
Practical Anatomy : } or Ellis.

## SECOND YEAR'S COURSE.

**121. Anatomy.**

Fees 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.*

Attendance, and Text-books recommended, as in first year. Subject 120.

## THIRD YEAR.

**122. Principles and Practice of Medicine.**

Fees for the Course, £6 6s.

General and Special Diseases.

Text-books recommended :

Fagge's Principles and Practice of Medicine : (Pye Smith).  
Osler.**123. Lectures on Clinical Medicine.**

Fees for the Course, £2 2s.

**124. Principles and Practice of Surgery.**

Fees for the Course, £5 5s.

General and Special Diseases and Injuries.

Text-books recommended :

A Manual of Surgery : Rose & Carless.

Science and Art of Surgery : Erichsen.

A System of Surgery (Treves) may also be consulted.

The instruction in Practical Surgery will include—

The Application of Splints, Bandages, &c.

Text-books recommended :

A Surgical Handbook : Caird & Cathcart.

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

Fees for the Course, £2 2s.

**126. Regional and Surgical Anatomy.**

Fees for the Course, £6 6s.

(1) Regional Anatomy as applied to Surgery, and (2) surface Anatomy applied to the Fine Arts.

Text-book recommended :

Manual of Surgical Applied Anatomy : Treves.

**Dentistry.**

To receive instruction from some person approved by the Council.

**Practical Pharmacy.**

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

**138. Elementary Bacteriology.**

Fees for the Course, £3 3s.

**1. General Morphology and Biology.**

Form, structure, motility, multiplication, spore-formation, chemical composition and classification of Bacteria; their nutrition, and conditions affecting their growth; the results of their vital activity and their chemical products, &c.; their death and conditions pertaining thereto.

**2. Examination and Cultivation of Bacteria**

Methods of (1) Sterilisation of vessels and instruments used; (2) Preparation of various culture media; (3) Cultivation of Bacteria;

(4) Separation of pure cultures; (5) Filtration of cultures; (6) Inoculation of animals; (7) Examination under the microscope in hanging drop and film specimens; (8) Staining of Bacteria, spores, and flagella.

### 3. *Antisepsis and Asepsis.*

Demonstrations and practical applications, &c.

### 4. *Bacteriological Examination.*

Of Air, Water, Milk, &c.

### 5. *Bacteria in relation to Disease.*

### 6. *General Bacteriological Diagnosis.*

Methods of obtaining, transferring, and examining material.

### 7. *Special Methods of Diagnosis.*

In certain pathogenic processes.

### 8. *Bacteriology.*

Of (1) Suppuration and allied conditions, (2) Pneumonia, (3) Tuberculosis, (4) Diphtheria, and (5) Typhoid Fever.

## 127. **Materia Medica.**

Fees for the Course, £2 2s.

General and Special.

Text-book recommended :

Materia Medica and Therapeutics : Mitchell Bruce.

## 130. **Pathology.**

Fees for the Course, £2 2s.

The course includes—

Attendance in the Dead House and *post mortem* examinations.

#### 4. Lectures on general Pathology—

##### 1. Retrograde tissue changes :

Atrophy, Degeneration, and Necrosis.

##### 2. General tissue reactions :

Inflammation, Repair, and Hypertrophy.  
Morbid Tumours and New Growths.

##### 3. General Circulatory Derangements, arterial and venous Hyperaemia, Dropsy, Haemorrhage, Embolism, and Thrombosis.

##### 4. Animal Parasites in man.

##### 5. Lectures on Special Pathology, including the more important morbid conditions that may affect the principal organs and tissues.

##### 6. Practical training in Elementary Histological Pathology.

B. Naked eye and microscopical demonstrations in the above changes.

Text-book recommended :

Coat's Pathology, revised by Sutherland, or,  
Green's Morbid Anatomy, ed. by Stanley Boyd.

*Post Mortem Examinations.*

*Lectures on Clinical Medicine.—Clerkship.*

Fees for the Course, £2 2s.

*Lectures on Clinical Surgery.—Dressership.*

Fees for the Course, £2 2s.

**128. Obstetrics.**

Fees for the Course, £3 3s.

Anatomy and Physiology of the Female Organs of Generation.

Physiology and Pathology of Pregnancy.

Natural and Difficult Labour.

Pathology and Management of the Puerperal State.

Text-books recommended :

A Manual of Midwifery : Galabin, or

Science and Practice of Midwifery : Playfair.

**129. Forensic Medicine and Insanity.**

Fees for the Course, £4 4s.

Medical Evidence in general, and as bearing upon cases that may form the subject of a criminal trial, civil action, or coroner's inquest.

Text-books recommended:

Forensic Medicine (last edition): Guy & Ferrier, or

Forensic Medicine : Dixon Mann.

The Physiology of Mind and its relations to Mental Disease.

Insanity, its diagnosis, varieties, causes, treatment, pathology, and the procedure for placing persons of unsound mind under care and treatment.

Text-book recommended :

Clinical Lectures on Mental diseases : Clouston, or

A Text Book of Insanity : Mercier.

*Post Mortem Examinations.*

**Medical and Surgical Practice.**

The Medical and Surgical Practice of the Adelaide Hospital during the academic year

*Practical Midwifery.*

(Twenty cases if possible.)

## FIFTH YEAR'S COURSE.

**131. Operative Surgery.**

Fees for the Course, £4 4s.

Operations on the dead body.

Text-book recommended :

Students' Manual of Operative Surgery : Treves.

**132. Gynæcology.**

Fees for the Course, £3 3s.

Diseases of the Female Organs of Generation.

Text-book recommended :

The Student's Guide to the Diseases of Women : Galabin, or  
A Manual of Gynæcology ; Hart and Barbour.**133. Ophthalmology.**

Fees 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.

**134. Otology.**

Fees for the Course, £2 2s.

Anatomy and Physiology of the Ear shortly considered.

Injuries and diseases of the auricle.

Diseases of External Auditory Canal, including foreign bodies in the Ear.

Diseases of the Membrana Tympani and Tympanum and their consequences.

Diseases of Naso-Pharynx and Eustachian Tube.

Diseases of the Inner Ear.

Text-book recommended :

Diseases of the Ear and Naso—Pharynx : T. M. Hovell.

The following work may also be consulted :

Text-book of Diseases of the Ear : Politzer.

**135. Elements of Hygiene.**

*Habitations.*—Drainage of houses, removal of excreta. *Food.*—General principles of diet ; quality, choice, quantity, and adulteration of food. *Water.*—Quantity and supply. Examination of for hygienic purposes, contaminations, purification of. *Air.*—Examination of—impurities of—Ventilation. *Soil.*—Examination of—conditions affecting health.



Causes and prevention of specific diseases, disinfection and deodorization, vital statistics, climate, micro-organisms.

The Health, Quarantine, and Vaccination Acts and Regulations in force in South Australia.

A part of the Examination will be Practical.

Text-books recommended :

Hygiene and Public Health : Louis C. Parkes.

The following works may also be consulted :—

Practical Hygiene : Parkes.

Hygiene and Public Health : Buck.

Vital Statistics : Newsholmes.

*Vaccination.*

Fee for the Course, £1 1s.

**136. Therapeutics.**

Fees for the Course, £4 4s.

General and special.

Text-book recommended :

Mitchell Bruce : *Materia Medica and Therapeutics.*

Sir Lauder Brunton : *Action of Medicine.*

Hare : *Therapeutics.*

*Lectures on Clinical Medicine—Clerkship.*

Fees for the Course, £2 2s.

*Lectures on Clinical Surgery.*

Fees for the Course, £2 2s.

**Insanity.**

Attend the Practice of the Hospitals for the Insane during three months.

**137. Diseases of Children.**

Fees for the Course, £2 2s.

Medical Diseases of Infancy and Childhood : Dawson Williams.

Surgical Diseases of Children : Edmund Owen.

Diseases of Children : Hutcherson.

*Medical and Surgical Practice*

Of the Adelaide Hospital during the Academic Year.

**Practical Midwifery.**

(If not completed in fourth year).

The Medical and Surgical Practice of the Adelaide Hospital during the academic year.

## FACULTY OF MUSIC.

## FIRST YEAR'S COURSE.

**150. ACOUSTICS AND MUSICAL THEORY.**

Sensation and external cause of Sound. Mode of its transmission. Nature of wave-motion in general. Application of the wave-theory to Sound. Elements of a musical sound. Loudness and extent of vibration. Pitch and rapidity of vibration. Measures of absolute and of relative pitch. Resonance. Analysis of compound sounds. Helmholtz's theory of musical quality. Motion of sounding strings. The pianoforte and other stringed instruments. Motion of sounding air-columns. Flute and reed stops of the organ. Orchestral wind instruments. The human voice. Interference. Beats. Helmholtz's theory of consonance and dissonance. Combination-tones. Consonant chords. Construction of the musical scale. Exact and tempered intonation, Equal temperament.

Text-book recommended:

Tyndall's "Sound."

**151. HARMONY.**

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

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

**152. COUNTERPOINT.**

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

Text-books recommended:

A Course of Harmony (Bridge and Sawyer).

Counterpoint (Macfarren).

**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) Studies. Bach's two-part inventions Nos. 8 and 12

(d) Pieces. Mozart. Sonata in F major (No. 5, Peters)

(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 Piano-forte, 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.

**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.

SECOND YEAR'S COURSE.

**156. HARMONY.**

Part writing in not more than five parts:—

Harmonization of basses (figured and unfigured) and of melodies.

**157. COUNTERPOINT.**

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

- 158.** { DOUBLE COUNTERPOINT at the Octave, Tenth and Twelfth.  
 { CANON, in two parts.  
 { FUGUE, in not more than four parts.

Note.—In the examination candidates may be required to write original Composition of an elementary character.

**159. HISTORY AND LITERATURE OF MUSIC, FORM AND ANALYSIS.**

History of the Scale, of Counterpoint, Harmony, and of form in Composition.

Text-books recommended—

- Prout's "Harmony."
- Prout's "Counterpoint, Strict and Free."
- Prout's "Double Counterpoint and Canon."
- Higgs' "Fugue."

## Works of reference recommended—

“Six Lectures on Harmony,” Macfarren; 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 a list obtainable from the Registrar
- (d) Sing two pieces selected from lists obtainable from the Registrar
- (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 a list obtainable from the Registrar
- (d) Play two pieces selected from lists obtainable from the Registrar
- (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 a list obtainable from the Registrar
- (d) Play two pieces selected from lists obtainable from the Registrar
- (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 a list obtainable from the Registrar
- (d) Play two pieces selected from lists obtainable from the Registrar
- (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 a list obtainable from the Registrar
- (d) Play two pieces selected from lists obtainable from the Registrar
- (e) Play at sight.

**The List of Studies and Pieces for 1907 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 three studies from any one book.

*Pieces* — Beethoven, Sonata in D (Op. 10, No. 3), first and second movements.

Mozart, Fantasia and Sonata in C minor.

Schumann, Kristeniana, Nos. 1 and 2.

**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, Concertstuck, 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.

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 :—

Haydn : Symphony in E flat (The "Grand," with drum roll).

Schumann : Pianoforte Quintet in E flat, Op. 47.

Bach, J. S. : Jesu Meilhe Feude.

Books of reference recommended—

Prout's "Fugue."

Prout's "Applied Forms."

Prout's "The Orchestra."

Berlioz's "Instrumentation."

The articles "Sonata," "Suite," "Working Out," "Variations," "Symphony," "Oratorio," and "Opera" in Grove's Dictionary of Music.

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## SPECIAL COURSE IN BOTANY.

## SYLLABUS FOR 1907.

A course of about 36 Lectures and demonstrations on Botany will be delivered twice a week, during the Second and Third terms.

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

The course will comprise the following subjects :—

The general structure and physiology of a flowering plant :

1. The constituents, contents, and mode of development of elementary vegetable tissues
2. The general characters, functions, and modifications of the organs of plants
3. Nutrition, transpiration, respiration, growth, irritability
4. Reproduction, ovule, fertilization, fruit, seed, germination.

*The botanical characters of the following natural orders :—*

Ranunculaceae, Cruciferae, Caryophyllaceae, Malvaceae, Rutaceae, Papaveraceae, Amarantaceae, Dhenopodiaceae, Leguminosae, Myrtaceae, Rosaceae, Epacridae, Boraginaceae, Scrophulariaceae, Proteaceae, Labiatae, Solanaceae, Compositae, Umbelliferae, Goodenoviae, Campanulaceae, Coniferae, Cyperaceae, Liliaceae, Amaryllidaceae, Orchidaceae, Gramineae.

*Practical work.*

Candidates must be prepared—

1. To describe in botanical terms such plants or parts of plants as may be submitted to them
2. To prepare, identify, or describe microscopical specimens of vegetable tissues and organs
3. To refer to their natural orders, examples illustrative of those above enumerated
4. With the aid of Tate's "Flora of South Australia" to refer to its proper natural order any plant indigenous to South Australia."

For the purpose of promoting a practical acquaintance, under natural conditions, with the specified orders and indigenous flora generally, opportunities will be taken during the course of visiting the Botanic Gardens and country in the neighbourhood.

Text-books recommended :—

*For Class Work—*

Elementary Botany : Groom.  
Introduction to Botany : Dendy & Lucas.  
Flora of South Australia : Tate.

*For reference—*

Text-book of Botany : Strasburger.  
Natural History of Plants : Kerner von Marilaum, translated by Oliver.

## ADVANCED COMMERCIAL CERTIFICATE.

### REGULATIONS.

I. To obtain the Certificate candidates must attend lectures and pass examinations in the undermentioned subjects, but the subjects need not be all passed at the same time, and then may be passed in any order :—

1. Business Practice
2. Accountancy
3. Commercial Law
4. Economics and Commercial History
5. Banking and Exchange
6. Commercial Geography and Technology.

\*II. The examinations shall be held in November, but if in any subject the Course of Lectures shall be concluded at the end of the first or second Term, the examination in such subject may be held at the conclusion of the Course, on a date to be fixed by the Board of Commercial Studies. Candidates must 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.

*\* Allowed 7th December, 1904.*

III. 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.

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 :—

#### LECTURE FEES.

1. Business Practice	...	...	...	£1 11 6
2. Accountancy	...	...	...	4 4 0
3. Commercial Law	...	...	...	2 2 0
4. Economics and Commercial History	...	...	...	1 11 6
5. Banking and Exchange	...	...	...	1 1 0
6. Geography and Technology	...	...	...	1 11 6
				12 1 6

#### EXAMINATION FEES.

Fee for each subject, 5s.				
Total Amount of Examination Fees	...	...	...	1 10 0
Fee for Certificate	...	...	...	1 1 0
				2 1 0
Total	...	...	...	£14 12 6



- 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. Students who have passed examinations *in pari materia*, and desire that the examinations they have passed should be counted *pro tanto* for the Certificate, shall, on application to the Council, be granted such exemption from the requirements of these regulations as the Council may determine.
- VII. 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 Certificate.
- VIII. Whenever the number of students desiring to attend lectures in any subject is smaller than a minimum fixed by the Council, the lectures upon that subject may be omitted altogether or discontinued.

*Allowed 9th April, 1902.*

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## SCHEDULE.

### DETAILS OF SUBJECTS FOR 1907.

#### 1. BUSINESS PRACTICE.

This subject includes (a) Documents and Correspondence, (b) office organization, and (c) the procedure of Arbitration in commercial disputes.

The course, consisting of about 30 lectures, is given every year. Each lecture will last one hour and a half, and the course will be completed in three terms. The next course will begin with the first term of 1907.

Fee, 10s. 6d. per term.

#### 2. ACCOUNTANCY.

A knowledge of bookkeeping of at least the standard for the Junior Commercial Examination will be presupposed in these lectures. The standard for the examination in accountancy will be about that of the Institute of Accountants of South Australia, Incorporated. A voluntary examination will be held at the end of the first year, but the final examination on the whole subject will be held at the end of the second year.

This course consists of about 60 lectures and is given every two years, beginning with the first term. Each lecture will last two hours, and the course is completed in six terms.

A new course will begin with the first term of 1908.

Fee, 14s. per term.

Persons who desire instruction on special subjects included in these Courses, e.g., "Shipping and Marine Insurance," "Company Accounts," may attend a single lecture or series of lectures on payment of the following fees:—

Business Practice, single lecture, 1s. 6d. ; three lectures, 4s.  
Accountancy, single lecture, 2s. ; three lectures, 5s.

NOTE.—A full syllabus of the subjects to be dealt with in the Business Practice and Accountancy Courses will be issued prior to the commencement of each term.

### 3. COMMERCIAL LAW.

Negotiable Instruments, Sale of Goods, Insurance, Carriage of Goods and Bills of Lading, Commercial Agency, Insolvency, Partnerships, Companies, Securities, Banking.

This course consists of about 30 lectures, and is given every year, beginning with the first term. Each lecture will last one hour and the course is completed in three terms.

Fee, 14s. per term.

### 4. ECONOMICS AND COMMERCIAL HISTORY.

This subject includes the Economics of Industry, the Economics of Commerce, and Commercial History.

The course consists of about 30 lectures and is given every second year. The next course of lectures will be given in 1907. The lectures will be given once a week, beginning with the first term. Each lecture will last one hour, and the course will be completed in three terms. Students should possess Marshall, *Economics of Industry*, and Price, *A short History of English Commerce and Industry*.

Fee, 10s. 6d. per term.

### 5. BANKING AND EXCHANGE.

This subject will include the principles and practice of Banking, the currencies of various countries, and means of exchange. Banking, its origin and development. Purposes served in present day Economics. Primitive Barter. Trade Exchange. International Exchange. Money. Circulating media, metallic and paper. Difficulties of the mediæval system. Bills of Exchange. Supply of gold in relation to prices. Bank Reserves. State Banks. The Bank of England. Private Banks. Joint Stock Banks. Scottish Banking. Distinctive characteristics of Australian Banking. Old world Banking failures. The Australian Banking Crisis of 1893.

The course consists of about 20 lectures and will be given every second year. The next course will begin with the first term of 1908 and will be completed in two terms.

Fee, 10s. 6d. per term.

Students are recommended to read *Banking and Currency*, by Ernest Sykes, B.A. (Butterworth & Co., 1905).

6. COMMERCIAL GEOGRAPHY, including the elements of Technology.

This subject will include the treatment of the influence of geographical environment on industrial and commercial development, under the heads of environment, industry, commerce; the elements of technology; industry and commerce of certain countries in detail; and practical work in the plotting of statistics and the drawing of sketch maps.

The course consists of about 30 lectures and will be given every second year. The next course will begin with the first term of 1908. The lectures will be given once a week. Each lecture will last one hour and the course will be completed in three terms.

Fee, 10s. 6d. per term.

Text-book: Gouner, E. C. K., *Commercial Geography*, Macmillan, 3s., or Herbertson, A. J., *Commercial Geography of the British Isles*, and *Commercial Geography of the world outside the British Isles*, Chambers, 1s. and 1s. 6d.

MICROSCOPICAL TECHNIQUE.—Provision has been made for classes in this subject if required.

SYLLABUS.

Principals of the Microscope.

Methods of preparing material for microscopic observation.

*Fibres*.—Cotton, flax, (linen) hemp, silk, wool, hair and mixtures.

*Starches*.—Potato, sago, flour, rice, and mixtures.

*Vegetable Tissue*.—Stems, roots and leaves.

*Animal Tissue*.—Skin, muscle, nerve, fat and emulsions.

*Blood*.—Microscopic test for films.

*Fungi or Moulds*.—

*Algae, Desmids and Diatoms*.—

*Bacteria*.—Films.

*Sediments from Water*.

Simple animal and vegetable organisms found in pond water.

Minimum for class, 10; Maximum, 14.

NOTE.—Courses of Lectures will be given in 1907 in Business Practice, Accountancy, Commercial Law, Economics and Commercial History.

The Lectures are open to all persons, whether desirous of taking the Commercial Certificate or not.

Examinations in all these subjects will be held each year for candidates who have attended Lectures in the current or any previous year.

Certificates for passing in single subjects will be issued if required.

SCALE OF MARKS FOR THE JOSEPH FISHER MEDAL.

Business Practice	...	...	...	..	...	...	50
Accountancy	...	...	...	...	...	...	200
Commercial Law	...	...	...	...	...	...	150
Economics and Commercial History	...	...	...	...	...	...	100
Banking and Exchange	...	...	...	...	...	...	100
Commercial Geography and Technology	.	...	...	...	...	...	100

700

## 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 scholarships for the encouragement of such students (for details see Evening Scholarships, p. 229), and the Council admits students of the School of Mines, and students of the Pharmaceutical Society, at a reduced fee.

2. Special courses of lectures and practical work in Electric Engineering are given every year.

### 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.

Some at least of the following courses of Extension Lectures will be given at the University in 1907:—Two lectures on "Low Temperatures," by Professor Rennie; three lectures on "Famous Men of Science," by Professor Bragg; three lectures on "Hamlet," by Professor Henderson; and three lectures on "The Underlying Principles of Legislation," by Professor W. Jethro Brown.

## ELECTRIC ENGINEERING.

### DETAILS FOR 1907.

#### PART I.

##### LECTURES—FIRST TERM.

These lectures will be devoted to the general principles of Direct Current Work and their embodiment in designs of D.C. Electrical Machinery.

##### SECOND TERM.

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.

##### THIRD TERM.

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 of Transformers, Synchronous and Induction Motors, Design of A.C. Apparatus such as Choking Coils, Transformers, Auto-Transformers, &c., Transmission and Distribution of Power, Long-distance Transmissions and Line Characteristics, Polyphase Currents, Fundamental Principles Applications to Generators, Motors, Rotary Converters, Frequency Converters, Arrangements and Grouping of Transformers Star and Mesh, Description of Modern Polyphase Machinery, Special Switchboard Arrangements, &c., Industrial Applications.

Honour students will be examined on the work as outlined for Pass students, but will be expected to have acquired a knowledge of the more advanced detail work of Alternating Currents. Such students are also encouraged to devote as much time as available in pursuing investigations in the Laboratory, and are expected to present at the end of the year a thesis dealing with any portion of the work approved by the lecturer.

Special text-books for such students will be from time to time recommended.

##### PRACTICAL WORK—FIRST TERM.

Potentiometer Measurements of Current E.M.F. and Res., Calibration of Aerometers, Volt Meters, Watt Meters, Supply Meters, Characteristics of D.C. Dynamos and Motors, separately excited, Series Shunt, compound and over and under compounded.

##### SECOND TERM.

Efficiency of Motion, Brake Tests, Hopkinson and Kapp Tests for a pair of machines, Behaviour of Motors and Dynamos running in parallel, Separate or Direct Coupled Steam and Gas Engine Testing.

##### THIRD TERM.

Characteristics of Alternators, Single and Polyphase Efficiencies, Point to Point Determination of Waves of E.M.F. and Current, Power Factors, Calibration of Instruments, Combinations of Res., Cap, Induction Choking

Coils, Transformer Characteristics and determination of losses and efficiency by different methods, Testing of Synchronous and Induction Motors and Rotary Converters, Grouping of Transformer Coils in Polyphase Systems, Synchronising, or running machines in parallel.

A C. Work, Fundamental Principles, Considerations of *Masc.* Average and Effective Values of Current and E.M.F., Angles of Lag and Lead, Effect, of Res. Capacity and Induction, Laws of Combination of Circuits containing the above, Description of Modern Generator and Application of Principles to Synchronous and Induction Motors, Elementary Theory of Transformers, Design of Choking Coils, Polyphase Currents, Rotary Yields Star and Mesh Connection.

Graphical representations are used where possible, and the more advanced portions of the work are not touched upon.

Students require a preliminary knowledge of the elements of Algebra, Trigonometry, and Statics.

## PART II.

### LECTURES—FIRST TERM.

Revision of First Year work.

Units, &c.

Measuring Instruments—their use and adjustment.

Potentiometer methods.

Calibration of Instruments.

Magnetic Induction. Faraday's Law and Application to Dynamo-electric Machinery.

Magnetic Circuit; Laws and Application.

### SECOND TERM.

Physical Theory of Dynamo-electric Machinery.

Classification of Dynamos.

Bi-, Multi-, and Uni-polar Alternators.

Armatures—Open coil and closed coil.

Design and Calculations of Armatures and Field Magnets.

Characteristic Curves. Shunt, Series, and Compound Dynamos. Sparking. Angle of Lead.

Description of Typical Dynamos.

Principles of Dynamo Design.

Motors—Tests, Efficiency, &c.

Generation and Distribution of Power.

Tramways and Industrial Applications.

### THIRD TERM.

Accumulators—Manufacture—Management.

Systems of Distribution of Electric Power.

### PRACTICAL WORK.

General Electrical Measurements including Potentiometer Methods.

Efficiency of Batteries, Primary and Secondary.

Calibration of Instruments.

Measurement of  $B$  and  $\mu$ .

Armature windings.

Testing, Cable Insulation, &c.  
Photometry.  
Testing of Dynamos and Motors, *D. C.* and *A. C.*  
Tracing Characteristic Curves.  
Hopkinson and Kapp Tests.  
Point to Point Method of Tracing Curves of Current and E.M.F.  
Power Factors, Testing of Transformers, Rotary Converter, Efficiency, &c.  
Polyphase Grouping and Connections.

Text-books recommended :—

*Hawkins & Wallace.*—The Dynamo.  
*Sheldon and Mason.*—Alternating Currents.  
*Slingo & Brooker.*—Electrical Engineering.

References :—

*Vide* Electric Engineering for Diploma.  
Fee—£2 for the Course, or 13s. 4d. per Term.

NOTE.—Students are strongly advised to attend evening Lectures in Physics at the University before attending either of the above courses; also to attend lectures on Mathematics, including Algebra, Trigonometry, Elementary Statics, and Dynamics.

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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.

## 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.*

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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.

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## 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.

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## RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON,

The Institution of Civil Engineers has decided to recognise the Senior Public Examination of this University as exempting from the studentship examination of that Institution, provided that the group of subjects included by the certificate covers the requirements of the Institution examination. A certificate will be considered to comply with this condition if it embraces the following subjects:—

English History

English Literature

Arithmetic

Algebra to Quadratic Equations

Euclid, Books I.—IV

Elementary Trigonometry

One language (Latin, Greek, French, or German)

Either Physics or Inorganic Chemistry

which must be passed at the same sitting.

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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 see Statutes, Chapter XIII. "Of the Angas Engineering Scholarship," page 69.

An examination for this Scholarship will be held in June, 1907, and should the Scholarship not be awarded, another examination will, if required, be held in June, 1908.

For form of notice by candidates of intention to compete for the Scholarship, see page 72.

The following schedule has been drawn up in accordance with No. 5 of the Statutes concerning this Scholarship :—

1. MATHEMATICS.—The Pass Mathematical subjects of the course of the B.Sc. Degree. Subjects numbered : vide page 97.

2. PHYSICS.—The Pass subjects in Physics of the course of the B.Sc. Degree. Subjects numbered : vide page 97.

#### 3. GEOLOGY AND MINERALOGY, ANGAS ENGINEERING SCHOLARSHIP.

Candidates will be expected to have attended the following courses, and to stand for examination in the same :—

Part I. of the B.Sc. course, as detailed under paragraph 55, page 155, with the addition of section G. (Economic Geology) under paragraph 56, page 167, B.Sc. Regulations.

#### 4. CHEMISTRY.

Compulsory Chemistry and Chemistry, Part I., with the addition of such subjects as are mentioned below :—

Special attention to be given to the rock forming minerals, and the chemistry of the same, including the disintegration of rocks ; limes, cements, and clays. The chemistry of explosives. An elementary knowledge of the chemistry of oils used as fuel and for lubrication. A general practical acquaintance with the methods of water analysis. And in general, the application of chemistry to the elucidation of the causes of decay



of building materials, and of the means whereby the same may be arrested or prevented.

An elementary knowledge of the properties of iron and steel, and the relationship of these properties and their chemical composition.

#### 5. APPLIED MECHANICS.

The same as for the B.Sc. course. Subject numbered 36, page 159.

#### 6. MECHANICAL AND ENGINEERING DRAWING.

The text-book recommended is "Engineering, Drawing, and Design," by S. H. Wells, Part I. (C. Griffin & Co.). The examination will be upon matters dealt with in the text-book.

The scale of marks for this examination shall be as follows :—

Mathematics	... 800	Applied Mechanics	.. 300
Physics	... 500	Mechanical and Engi-	
Chemistry	... 400	neering Drawing	... 150
Geology	... 300		

#### Awards.

1882	Donaldson, George, B.A.	
1889	Farr, Clinton Coleridge, B.Sc.	
1892	Wyllie, Alexander, B.Sc.	
1895	{ Birks, Laurence, B.Sc. } equal.	
	{ Chapple, Alfred, B.Sc. }	
1898	Clark, Edward Vincent, B.Sc.	
1901	Duffield, Walter Geoffrey, B.Sc.	
1904	Gartrell, Herbert William, B.A., B.Sc.	
1906	Not Awarded.	

#### The Angas Engineering Exhibitions.

These Exhibitions are of the value of £60 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 71.

An examination for one Exhibition will be held in November, 1907.

For form of notice by candidate of intention to compete for an Angas Engineering Exhibition, see page 73.

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1907.

1. PURE MATHEMATICS—As prescribed for the Higher Public Examination. *Vide* Part II. of the Calendar—"Public Examinations."

2. PHYSICS (including practical work)—As prescribed for the Higher Public Examination.

3. CHEMISTRY (including practical work)—As prescribed for the Higher Public Examination.

4. APPLIED MATHEMATICS—As prescribed for the Higher Public Examination.

5. *One of the following subjects* :—English Language and Literature, History, Greek, Latin, French, German. As prescribed for the Higher Public Examination.

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

The scale of marks for this examination shall be as follows :—

Pure Mathematics	...	...	...	600
Physics	...	...	...	300
Chemistry	...	...	...	300
Applied Mathematics	...	...	...	200
English Literature	...	...	}	300
History	...	...		
Greek	...	...		
Latin	...	...		
French	...	...		
German	...	...		

#### Awards.

For previous awards, see Calendar for 1904, p. 206.

1900	Chapple, Ernest
1901	Wilton, John Raymond.
1902	March—Moore, George Douglas. November—Darwin, Lisle Julius (resigned). Bowen, Harold Charles.
1903	Tassie, Robert Wilson.
1904	Darwin, Errol Raffael Henry.
1905	McNamara, Louis Warnecke.
1906	Chapman, Robert Hall.

### The John Howard Clark Scholarships.

These two Scholarships, of the annual value of about £20 for two years, were 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 Scholarships," page 74.

#### Awards.

For previous awards, see Calendar for 1904, pp. 206-7.

1900	{	April—Cowell, Francis Henry	
		November—Poole, Dorothea Landon	
1901	{	Cowperthwaite, Elsie Eleanor	} equal.
		Trehy, Annie Louisa Virginia, B.Sc.	
1902	{	Gartrell, Eva Lavinia	} equal.
		Harry, May Margaret	
1903		Good, Emily Milvain.	
1904		Langman, Mary Lillecrapp.	
1905	{	Schulz, Adolf John	} equal.
		Waterhouse, Lorna Maud	
1906		Ellis, Arthur Benjamin.	

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### 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 80.

#### Awards.

For previous awards, see Calendar for 1904, pp. 207-8.

1900	{	Bennett, Richard William	} equal
		Tuckwell, Ernest Sinclair	
1901	{	Gordon, James Leslie	} equal
		Paine, Herbert Kingsley	
		Ward, John Frederick	
1902		West, Reginald Arthur.	
1903		Ray, Walter Vernon.	
1904	{	Churchward, Stella Mary	} equal
		Holder, Sophia Ellen	
1905		Dodwell, George Frederick.	
1906		Woolnough, Harold.	

*Proxime accessit*

Trehy, Annie Louisa Virginia, B.Sc.

### The Stow Prizes.

These Prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each and are awarded to undergraduates in Law who show exceptional merit in any year of their course.

For conditions see Statutes, Chapter XV. "Of the Stow Prizes and Scholar," page 75.

#### Awards.

For previous awards, see Calendar for 1904, pp. 208-9.

1900	{	Bennett, Richard William
		Padman, Edward Clyde
		Skipper, Stanley Herbert
1901	{	Bennett, Richard William
		Gordon, James Leslie
		Paine, Herbert Kingsley
		Skipper, Stanley Herbert
1902	{	Gordon, James Leslie
		Shierlaw, Howard Alison
1903		Gordon, James Leslie.
1904	{	Bray, Marmion Matthews
		Gordon, James Leslie
		Paine, Herbert Kingsley
1905		Bray, Marmion Matthews.
1906	{	Bray, Marmion Matthews
		Ray, Walter Vernon
		Rudall, Reginald John.

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### The Stow Scholarship.

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

#### Awards.

1892		Stow, Francis Leslie
1897		Young, Frederick William
1901	{	Bennett, Richard William
		Skipper, Stanley Herbert
1904		Gordon, James Leslie

### 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 holders see Calendar for 1898.)

- 1898 Ambrose, Ethel Mary Murray, First year.  
Ambrose, Theodore, Second year.
- 1899 Not awarded.
- 1900 Scott, Malcolm Leslie, First year.  
Not awarded in Second year.
- 1901 { Brummitt, Robert Douglas } equal First year  
      { Russell, Walter Henry }  
      { Burnard, Eulalie Hardy Hanton } equal Second year  
      { Chapple, Phoebe }
- 1902 { Ray, William (First year).  
      { Not awarded (Second year).
- 1903 { Fry, Henry Kenneth (First year).  
      { Not awarded (Second year).
- 1904 { Not awarded (First year).  
      { Fry, Henry Kenneth (Second year).
- 1905 { Not awarded (First year).  
      { Jona, Judah Leon (Second year).
- 1906 { Sinclair, William Malcolm (First year).  
      { Delprat, Mary J. A. T. (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 80.

**Awards.**

- 1896 Smith, Julian Augustus Romaine (Third year).  
Randall, Allan Elliott (Fourth year).
- 1897 Owen, Arthur Geoffrey (Third year).  
No Fourth Year Students.
- 1898 Formby, Henry Harper (Third Year).  
No Fourth Year Students.
- 1899 Stuckey, Francis Seavington (Third year).  
No Fourth Year Students.
- 1900 Muecke, Francis Frederick (Third year).  
No Fourth Year Students.
- 1901 Mayo, Helen Mary (Fourth year).  
Not awarded third year.
- 1902 { Burnard, Eulalie Hardy Hanton } equal (Third year).  
Cooper, Constance May }  
Hayward, Lionel Wykeham (Fourth year).
- 1903 Dawson, Dean (Third year).  
Scott, Malcolm Leslie (Fourth year).
- 1904 Ray, William (Third year).  
Hunn, William Morgan (Fourth year).
- 1905 { Parkhouse, Devon } equal (Third year).  
Verco, John, Reginald }  
Ray, William (Fourth year).
- 1906 { Fry, Henry Kenneth, B.Sc. (Third year).  
Betts, Lionel Oxborrow (Fourth year).

**The Everard Scholarship.**

This Scholarship, founded by the late William Everard, is of the value of £50, 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 77.

**Awards.**

For previous awards, see Calendar for 1904, p. 211.

- 1902 Mayo, Helen Mary.
- 1903 Hayward, Lionel Wykeham.
- 1904 Cooper, Constance May.
- 1905 Hunn, William Morgan.
- 1906 Ray, William

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**The Hartley Studentship.**

This Studentship has been founded by public subscription in memory of the late John Anderson Hartley, B.A., B.Sc., Vice-Chancellor of the University and Inspector-General of Schools of South Australia. It is awarded on the results of the Higher Public Examination, is tenable for three years, and is available for either the B.A. or B.Sc. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 81.

**Awards.**

- 1898 Jolly, Norman William
- 1899 Priest, Herbert James.
- 1900 Ward, John Frederick
- 1901 West, Gordon Roy.
- 1902 Darwin, Lisle Julius.
- 1904 Bennett, Frank Norman.
- 1905 Glasson, Joseph Leslie.
- 1906 Ferguson, Angus Salier.

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

This Scholarship has been founded by the Commercial Travellers' Association, and is awarded on the nomination of that Association.

For conditions see Statutes, Chapter XVI. "Of the Commercial Travellers' Association Scholarship," page 76.

**Awards.**

- 1884 Bertram, Robert Matthew.  
 1889 Harrison, Rosa Lillian.  
 1891 Bostock, Jessie.  
 1894 Dibben, Nellie Helen.  
 1899 Ellis, Annie Rita.  
 1905 Begg, Reginald Haussen.
- 

**The Tennyson Medals.****Awards—1906.**

- Junior Public—Black, Dorothea Foster (Mrs. Hübbe's School).  
 Senior Public—Payne, Louise Mary Gwythyr (Girton College Fremantle)  
 Higher Public—Moore, Phyllis Mary (Advanced School for Girls).
- 

**The Joseph Fisher Médals.**

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

For conditions see Statute Chapter XXVIII, "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 86.

**Award.**

- 1904 Robertson, John George.  
 1905 Annells, Herbert Edward.  
 1906 Thomas, Harold Clarke.
- 

**The St. Alban Scholarship.**

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a Scholarship to be called the St. Alban Scholarship, the University has agreed—



1. That the St. Alban Scholarship shall be awarded by the University to any matriculated Student thereof, who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each Student so nominated shall hold such Scholarship for such number of consecutive academical Terms as the Student must for the time being complete in order to obtain a Degree in (as the case may require) Laws, Medicine, Arts, Science, or Music : Provided nevertheless that the said Lodge may from time to time at the end of any academical year terminate the tenure of the Scholarship by the holder thereof for the time being, and substitute another matriculated Student for such holder. Each Student so substituted shall therefrom have all the advantages appertaining to such Scholarship.

2. Each Scholar studying for a Degree in Arts, Science, or Music, shall during such time as he or she shall hold the Scholarship be exempt from the payment of all University fees including the fees payable on taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music. Each Scholar studying for a Degree in Laws or Medicine shall in each year, during which he or she shall hold the Scholarship, be credited by the University with the sum of £15 towards payment of his or her fees. Any Student ceasing to hold the Scholarship shall not be exempt from payment of such fees or entitled to credit for such sum of £15 after the time at which he or she shall cease to hold such Scholarship.

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

4. Save by permission of the Council of the University no Scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical Terms, reckoned consecutively, which such Scholar must complete in order to obtain a Degree in the course of study pursued by him or her, and the Terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a Scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, and purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary, for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such Scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the Scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia, shall be accepted by the said University as sufficient evidence as well of the right of the person by whom any such Certificate shall purport to be 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 18 \_\_\_\_\_

(Lodge Seal).

Signed, \_\_\_\_\_  
Master of St. Alban Lodge.

Signed, \_\_\_\_\_  
Secretary of the 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  
the year 18

day of in

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

### Awards.

- 1891 Bowen, Frederick James Alfred.
- 1892 Walker, Ellen Lawson.
- 1894 Makin, Frank Humphrey.
- 1898 Broadbent, Percy Lewis (resigned).
- 1900 Poole, Dorothea Landon.
- 1903 Hunn, William Morgan.
- 1905 Jacob, Melliar Phelps.

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### University Scholarships.

These Scholarships have been established by the Education Department of the South Australian Government, under the following Regulations :—

- I. Three scholarships, of the value of £35, £30, and £25 respectively, will be offered for competition annually. Each Scholarship will be tenable for three years.
- II. Candidates must have been resident in the colony for at least one year immediately preceding the examination, and must be under nineteen years of age on the 1st of December in the year in which the examination is held. They must not previously have attended any part of the day undergraduate course at the University.
- III. The award of the scholarships shall be decided by the result of the Senior Public Examination of the University in 1900 and the Higher Public Examination in subsequent years, together with such further examination as may, if necessary, be prescribed by the University Council.

- IV. The particular subjects of examination and the relative value of each shall be fixed by the University Council, subject to the approval of the Minister.
- V. The scholarships will not be awarded unless the Board of Examiners of the University certify that in their opinion the candidates show such special ability as to justify their further education at the University.
- VI. Successful candidates must enter the University as undergraduate students in either Arts or Science in the March following the examination. Except in case of illness or other sufficient cause, they must attend all the lectures, and pass all the examinations required by the University in the selected course.
- VII. Payment of the scholarships will be made in three equal instalments at the end of the three University terms. Each scholar 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.
- VIII. No person may hold one of these scholarships in conjunction with any other tenable at the University, except the John Howard Clark scholarship.
- IX. Notwithstanding anything contained in these regulations, the examiners may recommend the Minister to vary the number and amount of the scholarships in any one year, provided that no one scholarship shall exceed £35 and that the total shall not exceed £90.

#### ENTRANCE SCHOLARSHIPS.

##### A.—FOR DAY STUDENTS.

##### **Awards.**

(For previous holders see Calendars for 1898, 1901, and 1905.)

1905	{	Jona, Jacob (First).
	{	Bragg, William Lawrance (Second).
	{	Rosengarten, Wilfred David (Third).
1906	{	Ward, Cyril Michael (First)
	{	Madigan, Cecil Thomas (Second)
	{	Reimann, Valesca Leonore Olive (Third)

## \* B.—FOR EVENING STUDENTS.

- I. Scholarships will be offered annually for competition to persons attending or intending to attend the University evening lectures with a view to graduating in Arts or Science, and whose occupations or circumstances prevent them from attending the day lectures.
- II. The value of each scholarship shall not exceed £10 in case of a Science student, or £7 in the case of an Arts student, and shall in neither case exceed the outlay necessary for lecture and examination fees, text-books and material, and the total value of the scholarships granted in any one year shall not exceed £180.
- III. Nine of such scholarships will be offered to students studying or intending to study for a degree in Science, and thirteen to students studying or intending to study for a degree in Arts: Provided that if in any year the number of applicants of sufficient merit will not allow of these proportions being maintained, the same may be varied or the full number of scholarships not awarded, at the discretion of the Board of Examiners.
- IV. Of the scholarships for Science students, three will be offered for competition to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. Of the scholarships for Arts students, five will be offered for competition to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study: Provided that if in any year the number of applicants of sufficient merit will not allow of these proportions being maintained, the Board of Examiners may vary the same at their discretion.
- V. Candidates for the first year scholarships must be between the ages of 16 and 25 years on the first day of the University term, and must have been resident in the State for at least one year immediately preceding that date. Candidates for the other scholarships must comply with similar conditions, one year of age being added for each year of the University course.

- VI. The subjects for the first year scholarships shall be fixed by the University Council, subject to the approval of the Minister. The examination shall be qualifying, not competitive, and the scholarships will be awarded to such candidates as in the opinion of the Board of Examiners show the most promise. The Board will take into consideration the previous opportunities and present circumstances of candidates.
- VII. The subjects of examination for the scholarships to be awarded for each year other than the first shall be such subjects of the Arts and Science courses as have been respectively studied by the candidates in the evening classes during the preceding year.
- VIII. Such portions of the scholarships as may be necessary to pay the University fees and the cost of the prescribed text-books shall be paid at the beginning of each University term. In the case of students other than those entering on their course, a certificate from the Registrar that the scholar has diligently and regularly attended the prescribed lectures must be produced, and the Minister may cancel the scholarship awarded to any student who has, without reasonable excuse, failed so to attend such lectures.

### **Evening Entrance Scholarships for 1907.**

Candidates for any of these Scholarships, whether they have already held one of them or not, must apply to the Registrar in writing before February 28th. They should state :—

1. Their age, whether they are at work during the day, how they are employed, and what salary they receive.
2. Their qualifications in point of knowledge, viz. :—
  - (a.) If they have not previously held the Scholarship, they should give particulars of any public examinations they have passed. Candidates are qualified to hold the Scholarship who have reached the standard of the Junior Public examination in English Literature, History, and Mathematics.
  - (b.) If they have already held the Scholarship, they should state what work they have done and what examinations they have passed while holding it.

**Awards.**

(For previous awards see Calendars for 1898, 1901, 1903, 1904, and 1905.

Awarded March, 1906.

## ENTRANCE SCHOLARSHIPS.

Angwin, William Britton.  
 Arthur, John Andrew.  
 Ashhurst, Amelia Elizabeth.  
 Bagot, Edward Meade.  
 Blacket, John Wesley.  
 Clark, Percy John.  
 Davis, David.  
 Deeney, John Chrysostom.  
 Dumas, Russell John.  
 George, Hilda Constance.  
 Hübbe, Edith Ulrica.  
 Jacob, Margaret.  
 Kain, Arthur Edwardes.  
 Lundberg, Carl Oscar.  
 Smith, Dora.  
 Stephens, Lillian Mary Theakstone.  
 Stevens, Susan Francis Gwendoline.  
 Thomas, Frank Emerson.  
 Whitfield, Charles John.

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**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 on the Geology, Palæontology, or Mineralogy of any part of the Commonwealth of Australia.

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 medal shall be awarded in the first week of June in each year.

*Made by Council, 12th December, 1902.*

\*V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.

*\* Made by Council 29th July, 1904.*

#### **Awards.**

- 1903 Gartrell, Herbert William, B.A., B.Sc.
- 1904 Basedow, Herbert.
- 1905 Not awarded.
- 1906 No candidates.

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#### **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.

#### **Awards.**

- 1879 Beare, Thomas Hudson, B.A.
- 1880 Robin, Percy Ansell, B.A.<sup>†</sup>
- 1881 Holder, Sydney Ernest, B.A.
- 1882 Donaldson, Arthur, B.A.
- 1883 Murray, George John Robert, B.A.
- 1884 Leitch, James Westwood, B.A.
- 1885 Tucker, William Alfred Edgecumbe, B.A.  
LL.B.
- 1886 Walker, William John, B.A.



### **Commissions in the British Army.**

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

Candidates must be within the ages of 18 and 22, and must have passed such literary examination as the Council may decide. They will have to undergo a further examination before the home authorities in military subjects, viz. :—

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

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

---

### **Commissions in the Royal Navy.**

Under certain conditions two commissions as Medical Officers in the Royal Navy may be granted to Colonial candidates during each of the years 1907, 1908, and 1909.

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

Full particulars may be had on application to the Registrar.

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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 Scientific Society**

This Society 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 despatch of business.

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

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

The membership of the Association is now about 70.

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

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### **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 Shakspearian study.

The means employed are (a) The reading of the plays, (b) The delivery of lectures or reading of essays upon Shakspearian 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.

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1907.

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## PART II.

### Public Examinations.

PUBLIC EXAMINATIONS BOARD.

LOCAL CENTRES AND OFFICERS.

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 1906 are published  
in the Pamphlet issued by the Public Examinations Board*

## PUBLIC EXAMINATIONS BOARD.

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Professor Bragg	Mr. Chapman
Professor Henderson	Dr. Eitel
Professor Mitchell	Dr. Cooke
Professor Rennie	Mr. Howchin
Professor Stirling	Mr. Madsen
Professor Naylor	Mr. Mawson

*Secretary to the Board.*

R. J. M. Lucas.

*Applications for forms of entry, and all payments, are to be made to the Registrar of the University; other communications to the Secretary.*

## LOCAL CENTRES.

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Candidates may be examined at Local Centres in which a Committee of Management has been formed and approved by the Board.

Candidates desiring to sit at these Centres must make all applications, payments, and communications to the Local Secretaries. All Local Centres in Western Australia are managed by the Committee in Perth.

### SOUTH AUSTRALIA :

<i>Centre.</i>	<i>Chairman.</i>	<i>Secretary.</i>
Burra ... ..	J. I. Sangster, M.B., B.S.	J. E. H. Winnall.
Clare ... ..	Rev. Canon R. B. Webb	Magnus Badger.
Crystal Brook	J. Mercer (acting)	Rev. A. A. Smith.
Elliston ... ..	R. C. Anderson	Rev. Gordon Cuming.
Gawler ... ..	S. B. Rudall, M.P.	R. K. Thomson.
Jamestown ...	H. Boucaut	Rev. T. H. Frewin, M.A.
Kapunda ... ..	J. H. Hitchens	Rev. A. G. Fry.
Koolunga ... ..	E. J. Shepway	Rev. F. W. Wilkinson, B.A.
Laura ... ..	G. I. Bills	Dean Dawson, M.B., B.S.
Mannum ... ..	J. W. Walker	S. B. von Doussa.
Moonta ... ..	H. W. Uffindell	S. R. Page.
Mount Barker	B. Smeaton, M.B., B.S.	J. J. Mackenzie.
Mount Gambier	F. H. Daniel	C. L. Spehr, LL.B.
Mount Pleasant	Dr. Proctor	Rev. R. A. Adams.
Naracoorte ...	A. Attiwell	A. R. Caw, M.B. (acting)
Petersburg ...	G. Halcomb, B.A.	Rev. E. S. Tuckwell, B.A.
Port Pirie ... ..	F. S. Delano	B. H. Moore, B.Sc.
Renmark ... ..	C. H. Hollingdrake	H. S. Taylor.
Yorketown ...	L. W. Hayward, M.B., B.S.	Rev. C. S. Beaumont.

### WEST AUSTRALIA :

Perth ... ..	Hon. J. W. Hackett, M.L.C.	E. A. Randell, L.L.D.
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#### *Sub-centres.*

Albany ... ..	C. McKenzie	
Kalgoorlie ...	Dr. Hill	J. Watson Brown, B.Sc., LL.B.



## 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. |
- 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 at least four 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.
- In no case will the fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary his intention to withdraw, the fee shall stand to his credit for a future examination.
- VI. Candidates who may fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.
- VII. A list of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the report on the public examinations.

- VIII. Each successful candidate shall be entitled to a certificate showing in what subjects the candidate has passed.
- IX. On application to the Secretary to the Board unsuccessful candidates shall be informed in what subjects they have failed.
- X. Schedules defining as far as may be necessary the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

*Allowed 11th December, 1901.*

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SYLLABUS FOR THE EXAMINATION TO BE HELD IN AUGUST,  
1907.

1. ENGLISH.

- (a) GRAMMAR. An elementary knowledge of grammatical distinctions, including inflexions, the parsing and analysis of sentences, and the detection of grammatical errors. The meaning of words in common use.
- (b) COMPOSITION. An essay or letter on a simple subject, mainly to test grammatical accuracy and punctuation.
- (c) DICTATION. A list of words in common use.

2. ARITHMETIC.

Easy questions on the elementary processes of arithmetic, including fractions, non-recurring decimals, practice, rectangular areas and volumes.

3. GEOGRAPHY OF THE BRITISH ISLES AND AUSTRALASIA.

- (a) GEOGRAPHY OF THE BRITISH ISLES as in Arnold's *New Shilling geography* and Gregory's *Austral geography for Class V*, pp. 30-57. (*Whitcombe and Tombs. 9d.*)
- (b) GEOGRAPHY OF AUSTRALASIA as in Gregory's *Austral geography for Class III*. (*Whitcombe and Tombs. 4d.*)  
Candidates may be required to draw rough sketch-maps.

4. ENGLISH HISTORY.

Gilles, W. *Simple studies in English history; rev. ed., 1905.* (*Whitcombe and Tombs. 1s. 8d.*)  
[Candidates are particularly requested to purchase the rev. ed., dated 1905.]

5. GREEK.

Underhill, H. G. *Easy exercises in Greek accidence (Macmillan 2s.)*, exercises i-xviii.

6. LATIN.

Cook, A. M. *Shorter Latin course, first part.* (*Macmillan. 1s. 6d.*)

## 7. FRENCH.

- (a) Grammar. Fasnacht, G. E. *Progressive French course, first year.* (Macmillan. 1s.)
- (b) Easy translation from French into English, and from English into French.

## 8. GERMAN.

- (a) Grammar. Fasnacht, G. E. *Progressive German course, first year.* (Macmillan. 1s. 6d.), pp. 1-77.
- (b) Easy translation from German into English, and from English into German.

## 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.

**PRACTICAL GEOMETRY.** The following constructions and easy extensions of them:—Bisection of angles and of straight lines; construction of perpendiculars to straight lines; simple cases of the construction of triangles from sufficient data; construction of parallels to a given straight line; construction of angles equal to a given angle.

**THEORETICAL GEOMETRY.** The substance of the theorems contained in Euclid, Book I, Propositions 4-6, 8, 13-16, 18, 19, 26-30, 32; questions upon these theorems, easy deductions, and arithmetical illustrations.

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.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of theorems and deductions from them, the use of hypothetical constructions is permitted.

## \*11. DRAWING.

- (a) First Grade Freehand, and
- (b) First Grade Plane Geometry.

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. The examination, however, must be passed at the same time as the other subjects of the examination.

\*[For particulars concerning Drawing, apply to the *Director for Technical Art, School of Design.*]

## JUNIOR PUBLIC EXAMINATION.

### REGULATIONS.

\*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects, but there is no limit to the number of subjects for which a candidate may sit :—

- |                        |                           |
|------------------------|---------------------------|
| (1) English Literature | (9) Algebra               |
| (2) English History    | (10) Geometry             |
| (3) Geography          | (11) Physics              |
| (4) Greek              | (12) Inorganic Chemistry  |
| (5) Latin              | (13) Physiology           |
| (6) French             | (14) Botany               |
| (7) German             | (15) Drawing, <i>or</i> , |
| (8) Arithmetic         | Theory of Music.          |

II. The examination shall begin on or about the last Monday in November.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

\*V. The following fees, which do not include fees for Drawing *or* Theory of Music, shall be paid by each candidate on entering his name for examination :—

For candidates who have not previously presented themselves   £1 0 0  
Subsequent entries :—

For each separate subject   ...   ...   ...   ...   0 5 0

*Or*,

For the whole examination   ...   ...   ...   ...   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.

\* Allowed 3rd January, 1907.

\*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 7th December, 1904.

VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

†VIII. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations ;

(b) The names of candidates who have distinguished themselves in the several subjects will also be published ;

(c) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under sixteen years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

† Allowed 7th December, 1904.

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.

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#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1907.

##### I. ENGLISH LITERATURE.

(a) Scott. *Woodstock*. (Messrs. Macmillan and Co. publish an edition for schools, price 2s. 6d.)

[This book is intended for general reading, and detailed annotation will not be required.]

(b) Shakespeare. *Julius Caesar*; ed. by A. D. Innes. (*Warwick Shakespeare*. 1s.)

- (c) To be committed to memory :—In *Selections from Scott (Arnold 2d.)*: Breathes there the man; The boat song; Coronach; The combat (from ix, p. 31).
- (d) Candidates are required to do exercises on grammar from the prescribed books.

## 2. ENGLISH HISTORY.

Tout, T. F. *First book of British history from the earliest times to the present day.* (Longmans' hist. ser. for schools, bk. I. 2s. 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 part of the British Empire, including the more important information contained in ordinary school maps.

Books suggested: Gregory, J. W. *Austral geography for Classes III, IV* (pp. 92–116), *V*, and *VI.* (Whitcombe and Tombs, 2s. 10d.)

## 4. GREEK.

- (a) Grammar. Goodwin's *School Greek grammar; new and rev. ed.* (Macmillan. 3s. 6d.) is recommended.
- (b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.
- (c) Easy translation from Greek into English.

## 5. LATIN.

- (a) Grammar. Postgate's *New Latin primer* (Cassell. 2s. 6d.) is recommended.
- (b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.
- (c) Easy translation from Latin into English

## 6. FRENCH.

- (a) Grammar.
- (b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.
- (c) Easy translation from French into English.

## 7. GERMAN.

- (a) Grammar.
- (b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.
- (c) Easy translation from German into English.

## 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:

**PRACTICAL GEOMETRY.** 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 triangle equal in area to a given polygon; construction of tangents to a circle; construction of common tangents to two circles.

**THEORETICAL GEOMETRY.** The substance of the theorems contained in Euclid, Book I, Propositions 33-41, 43, 47, 48, and Book III Propositions 3, 14-16, 18-22, 31; questions upon these theorems, easy deductions, and arithmetical illustrations.

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.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of the theorems and deductions from them, the use of hypothetical constructions is permitted.

## 11. PHYSICS.

Questions will be set requiring a knowledge of the elementary principles of mechanics, hydraulics, and heat; and of simple illustrative experiments such as are contained in Rintoul's *Introduction to practical physics*. (Macmillan. 2s. 6d.)

## 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.

## 4. BOTANY.

The questions will be confined to the general structure of the flowering plant, with especial reference to the following illustrative plants:—*Buttercup, abutilon, wallflower, pelargonium, primrose, sunflower, lily, snapdragon, jonquil, an orchid, pea, eucalyptus, wheat*.

## \*15. DRAWING.

- (a) First Grade Model, and  
 (b) Intermediate Geometry.

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, to whom all fees for Drawing must be paid.

\*[For particulars concerning Drawing, apply to the *Director for Technical Art, School of Design.*]

## 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 and Adelaide 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 CREDIT LIST AND OF PRIZES.

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	...	...	...	200
Arithmetic	...	...	200	†Theory of Music	...	...	...	

†This subject does not count for prizes.



## SENIOR PUBLIC EXAMINATION.

## REGULATIONS.

\*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects :—

- |                               |  |
|-------------------------------|--|
| (1) English Literature        | (9) Trigonometry                       |
| (2) History                   | (10) Physics                           |
| (3) Greek                     | (11) Inorganic Chemistry               |
| (4) Latin                     | (12) Physiology                        |
| (5) French                    | (13) Botany                            |
| (6) German                    | (14) Physical Geography and<br>Geology |
| (7) Arithmetic and<br>Algebra | (15) Drawing, or,<br>Theory of Music.  |
| (8) Geometry                  |  |

\*II. (a) The examination shall begin on or about the last Monday in November.

(b) A special examination will be held in March, at which only those who are undergraduates or who intend to enter in the same year upon a course of study for a degree or for the final certificate in Law shall be allowed to present themselves. Candidates for this examination must enter their names at least one month previously, and must state for which course of study they intend to enter.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

\*V. The following fees, which do not include fees for Drawing or Theory of Music, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves	£1 10 0
Subsequent entries :—	
For each separate subject	... .. 0 10 0
Or,	
For the whole examination	... .. 1 10 0

\* Allowed 3rd January, 1907.

## SPECIAL EXAMINATION IN MARCH.

For the whole examination ... ..	£3 0 0
Or, for each separate subject ... ..	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.

*\* Allowed 7th December, 1904.*

- VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

- †VIII. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations.

(b) The names of candidates who have distinguished themselves in the separate subjects will also be published.

(c) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under *seventeen* years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

*† Allowed 6th April, 1905.*

- IX. Schedules defining, as far as may be necessary, the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

*Allowed 11th December, 1901.*

SYLLABUS FOR THE EXAMINATION TO BE HELD IN  
NOVEMBER, 1907, AND MARCH, 1908.

1. ENGLISH LITERATURE.

- (a) *English poems II; selected by J. G. Jennings. (Macmillan. 1s. 6d.)*  
To be committed to memory : Nos. 54, 56, 59, 77, 78, 80, 84, 86, 95.
- (b) Shakespeare. *Richard II; ed. by C. H. Herford. (Warwick Shakespeare. 1s. 6d.)*
- (c) Macaulay. *State of England in 1685; the third chapter of Macaulay's History; ed. by H. C. Notcutt. (Blackie. 2s.)*

2. HISTORY.

Gardiner, S. R. *Students' history of England, vol. II, A.D. 1509—1689,*  
pp. 361—648. (Longmans. 4s.)

3. GREEK.

- \* (a) Grammar. Goodwin's *School Greek grammar; new and revised ed. (Macmillan. 3s. 6s.)* is recommended.
- \* (b) Prose composition.
- \* (c) Passages for translation from unprepared books.
- (d) Plato. *Apologia Socratis; ed. by J. Adam. (Pitt Pr. ser. 3s. 6d.)*  
Or, *ed. by W. Wagner. (Bell. 2s. 6d.)*  
Euripides. *Scenes from Euripides: Bacchae; ed. by A. Sidgwick. (Bell. 1s. 6d.)*
- (e) Greek History, from 431 B.C.—403 B.C.

\*Candidates are warned that, however satisfactory their work may be in (d), it is impossible for them to pass if they fail in the other sections.

4. LATIN.

- \* (a) Grammar. Postgate's *New Latin primer (Cassell. 2s. 6d.)* is recommended.
- \* (b) Prose composition.
- \* (c) Passages for translation from unprepared books.
- (d) Cicero. *Orations against Catilina, I and II; ed. by A. S. Wilkins. (Macmillan. 2s. 6d.)*  
Vergil. *Aeneid, Bk. VI; ed. by A. Sidgwick. (Pitt Pr. ser. 1s. 6d.)* Or, *ed. by J. T. Phillipson. (Bell. 1s. 6d.)*
- (e) Roman History, from 60 B.C.—42 B.C.

\*Candidates are warned that, however satisfactory their work may be in (d), it is impossible for them to pass if they fail in the other sections.

5. FRENCH.

- (a) Grammar
- (b) Translation from English into French
- (c) Translation from French into English.

## 6. GERMAN.

- (a) Grammar  
 (b) Translation from English into German  
 (c) Translation from German into English.

## 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

PRACTICAL GEOMETRY. Construction of a segment of a circle containing an angle of given magnitude. Division of straight lines into parts in any given proportions. Constructions of a fourth proportional to these given straight lines, and of a mean proportional to two given straight lines. Division of straight lines in extreme and mean ratio. Division of a straight line internally or externally into segments, so that the rectangle under the parts is equal to a given square. Construction of regular polygons in and about circles. Construction of a circle from sufficient data of the following character: (1) radius given, (2) point on the circle given, (3) contact with a given straight line or circle, (4) contact with a given straight line at a given point. Construction of a rectilineal figure to a specified scale or of specified area, and similar to a given figure. Construction of a square equal in area to a given polygon.

Illustration and explanation by means of rectangular figures of the following identities:—

$$k(a+b+c+\dots) = ka+kb+kc+\dots$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$(a-b)^2 = a^2 - 2ab + b^2.$$

$$a^2 - b^2 = (a+b)(a-b).$$

THEORETICAL GEOMETRY. The substance of the theorems contained in Euclid Book III, Propositions 32, 35-37; Book VI, Propositions 1-8, 19, 20, 33, together with Propositions A and D; questions upon these theorems, easy deductions from them, and arithmetical illustrations.

In dealing with proportion it may be assumed that all quantities of the same kind can be treated as commensurable.

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.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of theorems and deductions from them, the use of hypothetical constructions is permitted.

### 9. TRIGONOMETRY.

Elementary portions, as the substance of Lock's *Treatise on elementary trigonometry* (Macmillan. 4s. 6d.), ch. I to XII, XIV, XV.

### 10. PHYSICS.

The simpler properties of matter; the elementary principles of heat, light, sound, electricity, and magnetism.

Text-book recommended:

Slate, F. *Physics: a text-book for secondary schools.* (Macmillan. 6s.)

### 11. INORGANIC CHEMISTRY.

The following portions of Shenstone's *Elements of inorganic chemistry*, 5th ed., 1904 (*Arnold*. 4s. 6d.): Chapters i, ii (omitting quantitative part of § 11), iii (omitting § 19-20, 22-6, 30), iv (omitting § 34, 36-8), v, vi (omitting § 51, 56, and substituting for § 54 a simple statement of the use of the endiometer), vii (omitting § 62, 73-6. Paragraphs 63-5 may be treated in any way the teacher chooses, but candidates must understand the principles involved and be able to apply them to the correction of the volumes of gases for temperature and pressure), viii (omitting § 80-7, 91-7, 101, 105-6. But candidates must, as heretofore, possess a knowledge of the meaning of specific heat and be able to apply it to simple calculations), ix (omitting the electrical part of § 109, § 110-11 except the definition of an acid), xi (omitting the black-lined portions of § 117, § 120, and black-lined portion of § 124), xii (omitting the black-lined portion of § 125, § 127, 130, 131, and the black-lined portion of § 132), xiv (omitting § 138 except pt. 2, 139-40, 144, 146, 148, 152-4, 153, 160-1, 164, 167-70, 176-7. In § 150 substitute some simpler statement of the composition of bleaching powder and the action of acids upon it), xv (omitting experiment 144, and § 184, 188, the Gay-Lussac tower, § 197-200, 202-6, 208-12), xvi (omitting § 215, experiments 164-7, § 220-4, 229-30, 234-6, 238, 241, 243-4), xvii (omitting § 249-50, the black-lined portions of § 251, § 252-6, experiments 197-201, § 260-6, 270, 274), xviii (omitting § 276, experiments 216-7, black-lined portions of § 282-3, § 284, black-lined portions of § 285-6, § 287-90, 292-300, 303-6, 309, 312-6), xix (omitting § 317), xxi (any elementary account of spectrum analysis will suffice), xxiv (omitting § 347-8, 353, 355, and taking 357 in outline only, 365-6, 369-70, 376-8), xxv (omitting § 387-8, 390-2, 396-8), xxvi (omitting § 399, 401, 403, 406, 409, 414), xxvii (omitting § 416-7, 421-6), xxviii (omitting § 430, 432-5), xxix (omitting § 440, 442-3, 446-8, 453-6, 458), xxx (omitting § 462-7, 470-1, 473-4), xxxi (omitting § 475, 477-9, 481, 485), xxxii (omitting § 490-4, 498, 502-5, 507-9, 511-28), xxxiii (omitting § 533, 538, 540-4), xxxiv (omitting § 546, 550-4), xxxv (omitting § 556-9). It is not intended that candidates should be familiar with all the experiments described in these selected portions. The teacher must use his

own judgment. What is wanted is a knowledge of the principles of the science and the paragraphs have been chosen accordingly. If in any of these there are references to matters contained in omitted paragraphs, such may, of course, be neglected.

## 12. 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 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.

Examination of typical species, deviations from the respective types, and important structural peculiarities of the following natural orders: *Ranunculaceae*, *Cruciferae*, *Geraniaceae*, *Malvaceae*, *Leguminosae*, *Proteaceae*, *Myrtaceae*, *Compositae*, *Goodeniaceae*, *Primulaceae*, *Labiatae*, *Scrophulariaceae*, *Orchideae*, *Amaryllidaceae*, and *Liliaceae*.

Text-books recommended :

Groom, P. *Elementary botany.* (Bell and Sons. 3s. 6d.)

Tate, R. *Flora of South Australia.* (S.A. Education Dept. 2s. 6d. and 5s. net.)

Questions relating to obscure characters, or those not readily determined without the aid of a microscope, will not be set. Teachers are referred to Dendy and Lucas's *Introduction to botany* for such natural orders as are not found in Groom's book.

## 14. PHYSICAL GEOGRAPHY AND GEOLOGY.

### PHYSICAL GEOGRAPHY.

Text-book recommended :

Herbertson, A. J. *Outlines of physiography.* (Arnold. 4s. 6d.)

### GEOLOGY.

Questions will be confined to the undermentioned topics :

Common rocks, their composition and modes of origin; disintegration and denudation; rock-building (sedimentary); rock structures and earth movements, including joints, cleavage elevation and depression of the land, dip, strike, foldings, faults, &c.; springs and underground drainage; saline basins; metamorphism; volcanic phenomena; earthquakes; origin of landscape; economic geology.

Text-book recommended :

Watts, W. W. *Geology for beginners,* (Macmillan. 2s. 6d.)  
ch. I-IX, XI-XII, XV, and XXII-XXIII.

## \*15. DRAWING.

Candidates must take First Grade Model and Freehand before Second Grade Model and Freehand. Both grades may be taken at the same

\* [For particulars concerning Drawing apply to the Director for Technical Art School of Design.]

examination, but should the Candidate fail in the First Grade no success will be recognized in the Higher Grade.

Candidates must pass in *a* and *b*, or in *a*, *c* and *d*.

- (*a*) Intermediate Perspective
- (*b*) Second Grade Plane Geometry
- (*c*) Second Grade Freehand
- (*d*) Second 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 to whom all fees for Drawing must be paid.

#### 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 and Adelaide jointly.

#### SCALE OF MARKS FOR CREDIT LIST AND PRIZES.

English Literature	...	...	300	Trigonometry	..	...	...	200
English History	...	...	300	Physics	...	...	...	200
Greek	..	...	400	Chemistry	...	...	...	200
Latin	...	...	400	Physiology	...	...	...	200
French	...	...	300	Botany	..	...	...	200
German	...	...	300	Physical Geography and Geology				200
Arithmetic and Algebra	...	...	300	+Drawing				
Geometry	...	...	300	+Theory of Music				

† This subject does not count for prizes.

## HIGHER PUBLIC EXAMINATION.

## REGULATIONS.

- I. A Higher Public Examination will be held annually, in or about the first week in December.
- II. Candidates may be examined in any five but not more of the following subjects at one examination.
- (1.) English Literature.
  - (2.) History.
  - (3.) Greek.
  - (4.) Latin.
  - (5.) French.
  - (6.) German.
  - (7.) Pure Mathematics.
  - (8.) Applied Mathematics.
  - (9.) Physics.
  - (10.) Inorganic Chemistry.
  - (11.) Biology, with *either* Physiology or Botany.
  - (12.) Physical Geography and Geology.
- III. The following fees shall be paid by each candidate on entering his name for the examination :—
- |   |     |   |    |   |                   |
|---|-----|---|----|---|-------------------|
| For candidates who have entered for the Senior Public Examination in the current or any previous year | ... | 0 | 2  | 6 | for each subject. |
| Other candidates  | ..  | 0 | 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.
- \*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.

\* Allowed 7th December, 1904.



IV. 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.

\* Allowed 3rd December, 1902.

- V. (a) A list of the successful candidates in each subject shall be published.
- (b) Lists of Candidates who have distinguished themselves in the separate subjects shall also be published.
- (c) Certificates shall be issued to candidates who pass in one or more subjects.
- †(d) The University Scholarships, granted by the Education Department, of the value of £35, £30, and £25, respectively, will be recommended for award to the most successful Candidates in the examination, provided they are under nineteen years of age on the 1st December in the year in which the examination is held, and are not students of the University. The names of other candidates who have distinguished themselves in the whole examination will be published in order of merit.

The recommendation for Scholarships will be determined on the aggregate marks obtained by the candidate in all subjects in which he passes. The scale of marks assigned to each subject shall be published in the syllabus.

† Allowed 6th April, 1905.

VI. The syllabus defining as far as may be necessary the range of the questions to be set, shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

#### SYLLABUS FOR THE EXAMINATION TO BE HELD IN DECEMBER, 1907.

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

##### I. ENGLISH LITERATURE.

- (a) Shakespeare. *Richard II*; ed. by C. H. Herford. (*Warwick Shakespeare*. 1s. 6d.)
- (b) Pope. *Essay on Man*; ed. by E. E. Morris. (*Macmillan*, 1s. 3d.) Thomson. *Selections* (*Arnold*. 2d.); with repetition of the extract from *The Castle of Indolence* (p. 39).

- (c) Steele and Addison. *Sir Roger de Coverley*. (*Cassell's national lib.* 6d. net.)  
 Johnson. *Rasselas*. (*Cassell's national lib.* 6d. net.)  
 [These two books are intended for general reading, and detailed annotation will not be required.]
- (d) Gwynn, S. *Masters of English literature* (*Macmillan* 3s. 6d.), ch. ix-xv.

## 2. HISTORY.

- (a) Gardiner, S. R. *Students' history of England, vol. III, A.D. 1689-1885*, pp. 649-972. (*Longmans*. 4s.)
- (b) Woodward, W. H. *Outline history of the British Empire, 1500-1902*. (*Camb. Univ. Pr.* 1s. 6d. net.)

## 3. GREEK.

- (a) Grammar
- (b) Composition in prose and verse  
 [A second piece of prose will be set as an alternative for those candidates who may not wish to take the verse.]
- (c) Passages for translation from Greek into English.

## 4. LATIN.

- (a) Grammar
- (b) Composition in prose and verse  
 [A second piece of prose will be set as an alternative for those candidates who may not wish to take the verse.]
- (c) Passages for translation from Latin into English.

## 5. FRENCH.

- (a) Grammar
- (b) Translation from English into French
- (c) Translation from French into English.

## 6. GERMAN.

- (a) Grammar
- (b) Translation from English into German
- (c) Translation from German into English.

## 7. PURE MATHEMATICS.

Algebra to the binomial theorem; the substance of Euclid, Bks. I to IV, VI, and XI, with exercises; trigonometry, to solution of triangles, properties of triangles, and heights and distances.

## 8. APPLIED MATHEMATICS.

Elementary statics, dynamics, and hydrostatics.

Text-book recommended:

Loney, S. L. *Mechanics and hydrostatics for beginners*. (*Pitt Pr. ser.* 4s. 6d.)

## 9. PHYSICS.

The same range as in the Senior Public Examination, together with elementary mechanics and hydrostatics, with more difficult questions and a practical examination.

Text-book recommended :

Aldous, J. C. P. *Elementary course of physics.* (Macmillan 7s. 6d.)

## 10. INORGANIC CHEMISTRY.

The chemistry of the more commonly occurring elements and their compounds, based upon Shenstone's *Elements of inorganic chemistry, 5th ed., 1904* (Arnold. 4s. 6d.); with the exception of those portions relating to purely organic compounds (but not excluding methane, ethylene, and acetylene), the more difficult theoretical parts such as ch. xx and xxii, all the rarer metals, and the methods for the determination of molecular weights other than that depending on Avogadro's law. 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.

## 11. ELEMENTARY BIOLOGY.

The fundamental facts of the morphology and physiology of animals and plants as illustrated by the following types: *Amoeba, Haematococcus, Yeast Plant, Mucor, Bacteria, Vorticella, Spirogyra, Hydra, Freshwater mussel, Crayfish, Bracken Fern, Bean Plant, Frog.*

Candidates will be required to show, by a practical examination, an acquaintance with the structure of the various types mentioned.

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. Milnes. *The frog: an introduction to anatomy, histology, and embryology* (Nutt. 4s.), pp. 1-115.

Huxley and Martin. *Practical biology.* (Macmillan. 10s. 6d.) So far as this deals with the types mentioned, it may also be consulted.

## THE ELEMENTS OF HUMAN PHYSIOLOGY.

Text-book recommended :

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

## BOTANY.

As for the Senior Public Examination, and, in addition, candidates will be required to classify specimens illustrative of the orders enumerated.

## 12. PHYSICAL GEOGRAPHY AND GEOLOGY.

Principles of physical geology as evidenced in the phenomena of rock masses ; agents of geological change ; origin of landscape.

The common minerals, their general properties and modes of occurrence.

Classification of strata in relation to time.

Fossilization. Fossil types characteristic of the various geological periods.

Practical determination of hand specimens of the common minerals and rocks.

Text-books recommended :

Thornton, J. *Elementary physiography*, 11th ed. (Longmans. 2s. 6d.), ch. XIII-XX.

Watts, W. W. *Geology for beginners*. (Macmillan. 2s. 6d.)

## SCALE OF MARKS FOR SCHOLARSHIPS.

English Literature	...	...	300	Applied Mathematics	...	...	200
English History	...	...	300	Physics	...	...	300
Greek	...	...	400	Chemistry	...	...	300
Latin	...	...	400	Biology, with either Physiology	...	...	200
French	...	...	300	or Botany	...	...	200
German	...	...	300	Physical Geography and Geology	...	...	200
Pure Mathematics	...	...	600				

## JUNIOR COMMERCIAL EXAMINATION.

## REGULATIONS.

- I. Every candidate must satisfy the Public Examinations Board in the following five subjects, called *Compulsory Subjects* :—
- (1) English Literature.
  - (2) Commercial Arithmetic.
  - (3) Commercial Geography.
  - (4) Bookkeeping.
  - (5) Business Correspondence (including Précis Writing).
- II. The examination shall begin on or about the last Monday in November.
- III. Candidates who fail to pass in the whole of the Compulsory Subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates of their having so passed ; but candidates may again present themselves in any subject in which they have already passed.
- IV. Candidates who have obtained certificates, and who at any time pass or have passed in one or more subjects in the Junior, Senior, or Higher Public Examination, other than English Literature, Arithmetic, and Geography in the Junior Public Examination, may have such additional subjects entered on their certificates.
- V. Candidates who have obtained certificates, and who in the same or any subsequent year pass in either or both of the following :
- (1) Shorthand,
  - (2) Typewriting,
- may have such subjects entered on their certificates.
- VI. The following fees shall be paid by each candidate on entering his name for the examination :—
1. Compulsory Subjects—  
For candidates who have not previously presented themselves £1 0 0

## Subsequent entries—

For each separate subject	...	0	5	0
2. Shorthand	... ..	0	2	6
Typewriting	... ..	0	2	6
3. Subjects in the Junior, Senior, and Higher Public Examinations—the fees prescribed in the Regulations for those examinations.				

In no case will any 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.

- VII. 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.
- VIII. 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.
- IX. 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.
- X. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which each candidate comes, will be posted at the University, and published in the Report on public examinations.
- (b) The names of candidates who have distinguished themselves in the several subjects will also be published.
- (c) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first candidate on this list who shall be under seventeen years of age on the 1st December in the year in which the examination is held, shall be awarded a prize of the value of £3 3s. The position on the honour list will be determined by the aggregate of marks in the compulsory subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

SYLLABUS FOR THE EXAMINATION TO BE HELD IN DECEMBER,  
1907.

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

A.—COMPULSORY SUBJECTS.

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; approximations, including the decimalization of money, decimalized practice, contracted multiplication and division of decimals; the calculation of simple areas and volumes, including the metric system and the methods of duodecimals; percentages and averages; practice, interest and discount, commission and brokerage, bills of exchange, stocks and shares, foreign exchanges, 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 :

Taylor's *Commercial arithmetic* (Methuen, 1s. 6d.) will be found a useful supplement to books on general arithmetic. The commercial chapters of Layng's *Arithmetic pt. 2* (Blackie, 2s. 6d.) are good, and the book contains a large number of examples. Grant and Hill's *Commercial arithmetic* (Longmans, 3s. 6d.) is also a suitable book.

3. COMMERCIAL GEOGRAPHY.

Candidates will be expected to know :

- (a) The general principles of geography as affecting industry and commerce. This includes some knowledge of the chief mineral, vegetable, and animal products which are articles of commerce; a closer knowledge of the influence of climate, soil, and minerals upon industry; and of situation and means of communication upon commerce.
- (b) The more important facts of the commercial geography of the World. The amount of detail expected is about that contained in Mill's *Elementary commercial geography*. (Pitt Pr. ser. 1s. 6d.)
- (c) The commercial geography of Australia. General distribution of physiographic conditions determining the production of materials of commerce, localization and growth of towns and industries, lines of communication, and general development of commerce; social and economic conditions: education, progress of invention,

industrial organizations, influence of government, tariffs, etc. State industries and commerce. Interstate trade. British and foreign trade: exports and imports, chief markets for Australian products, chief lines of communication.

#### 4. BOOKKEEPING.

The theory and practice of Book-keeping by Double Entry.

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 the Capital and Revenue items.

Transactions in connection with the forms of Bills of Exchange, Promissory Notes, and Cheques

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.

Text-Book recommended:

Pitman's *Book-keeping simplified* will indicate the standard of work required under the above headings.

#### 5. BUSINESS CORRESPONDENCE (INCLUDING PRECIS WRITING).

Candidates will be asked to write simple business letters on specified data. The examiners will consider in the first place the mechanical arrangement and style, and in the second the writing and spelling of the answers.

### B.—ADDITIONAL SUBJECTS.

1. Any one or more subjects in the Junior, Senior, or Higher Public Examinations, other than English Literature, Arithmetic and Geography in the Junior Public Examination.

#### 2. SHORTHAND.

Passages of average difficulty will be dictated for five minutes at rates of 80, 100, and 120 words a minute. Candidates must hand in their notes and a longhand transcript. They must intimate within at least one day of the examination for what rate they intend to sit.

#### 3. TYPEWRITING.

Candidates will be required to type in correct form a rough draft of a business letter or other MS., involving corrections and the use of abbreviation; and to type any usual form of business document balance-sheet or statistical table, and to rule suitably in red ink.

Neatness, speed (as shown by the amount of work completed), spelling, syllabication, punctuation, and general intelligence will be taken into account.

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



## 4. DRAWING.

The course prescribed by the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia in

(a) First Grade Geometry, Freehand, and Model

(b) Intermediate Solid Geometry and Figured Freehand.

No examination will be held in Drawing, but the Board will accept the certificate of the above subjects issued by the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia to whom all fees for Drawing must be paid.

\*[For particulars concerning the examinations in Drawing apply to the *Director for Technical Art, School of Design.*]

SCALE OF MARKS FOR THE JUNIOR COMMERCIAL  
SCHOLARSHIP.

English Literature	...	...	200	Bookkeeping	..	...	...	100
Commercial Arithmetic	...	...	200	Business Correspondence	..	...	...	100
Commercial Geography	...	...	100					

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**SENIOR COMMERCIAL EXAMINATION.****REGULATIONS.**

- I. Every candidate must satisfy the Public Examinations Board in at least five of the following subjects, of which two must be subjects 1 and 2, one must be taken from subjects 3 to 6, and one from subjects 7 to 15 :—
  1. Commercial Arithmetic and Bookkeeping.
  2. Commercial History and Geography.
  3. English Literature.
  4. History.
  5. French.
  6. German.
  7. Arithmetic and Algebra.
  8. Geometry.
  9. Trigonometry.
  10. Physics.
  11. Inorganic Chemistry.
  12. Physiology.
  13. Botany.
  14. Physical Geography and Geology.
  15. Drawing.
- II. The examination shall begin on or about the last Monday in November.
- III. Candidates who fail to pass in five subjects as defined in Regulation I. shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed and the dates of their having so passed, but candidates may again present themselves in any subject in which they have already passed.
- IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations ; and, if they pass at any time in Shorthand or Typewriting as for the Junior Commercial Examination, or have already passed in either of these subjects, they may have the fact recorded on their certificates.

- V. The following fees, which do not include fees for Drawing, Shorthand, or Typewriting, shall be paid by each candidate on entering his name for the examination:—

For candidates who have not previously entered themselves for this examination, or for the Senior Public Examination ... ..	£1 10 0
Subsequent entries, for each separate subject ...	0 10 0
<i>Or,</i>	
For the whole examination ... ..	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 to the Board his intention to withdraw, the fee shall stand to his credit for a future examination.

The fees for Shorthand and Typewriting shall be as prescribed for those subjects in the Regulations for the Junior Commercial 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. 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 has passed, and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations.
- (b) The names of candidates who have distinguished themselves in the several subjects will also be published.
- X. A Scholarship, called the Senior Commercial Scholarship, shall be annually awarded 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 shall be awarded on the aggregate of marks in not more than seven subjects, and will entitle the holder to exemption from the payment of fees for lectures and examinations in all subjects prescribed for the Advanced Commercial Certificate. Except by special permission of the Council, he must enter on the course immediately following the examination and complete it within five years. The continuance of the Scholarship shall be conditional on his diligence and conduct being satisfactory to the Council. The Scholarship cannot be held together with any other tenable at the University. The scale of marks assigned to each subject shall be published in the schedules of details.

*Allowed 3rd January, 1907.*

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## SYLLABUS FOR THE EXAMINATION TO BE HELD IN NOVEMBER, 1907.

### 1. COMMERCIAL ARITHMETIC AND BOOK-KEEPING.

As for the Junior Commercial Examination, and in addition :

- (a) COMMERCIAL ARITHMETIC. Compound practice, compound interest, sinking funds.

The following books will be found suitable :

Layng's *Arithmetic*, pt. 2. (*Blakie*. 2s. 6d.)

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

- (b) BOOK-KEEPING. The nature of waste-book ; recording sales and purchases on commission and on joint account ; depreciations ; partnership and joint-stock company accounts ; debentures ; executorship accounts.

Text-book recommended :

Thornton's *Manual of book-keeping*. (*Macmillan*, 7s. 6d.)

### 2. COMMERCIAL HISTORY AND GEOGRAPHY.

#### COMMERCIAL HISTORY.

Gibbins, H. de B. *History of commerce in Europe* ; bk. III : *Modern commerce*. (*Macmillan*. 4s. 6d.)

#### COMMERCIAL GEOGRAPHY.

- (a) GENERAL. Influence of physiographical, biological, social, and political controls upon the production, distribution, and exchange of commodities. Locations of towns, and development of lines of transport. Evolution from simple unorganized industry to the highly organized factory system.

- (b) **MATERIALS OF COMMERCE.** The chief materials of commerce, their preparation, uses, countries of origin and consumption, and chief routes of distribution. Attention is to be paid in this connection to South Australian commodities, both export and import. Teachers are advised to consult the *Statistical register of South Australia, pt. IV: Interchange.* (2s. 6d.) This is issued annually, and may be obtained on application to the Government Printer.
- (c) **REGIONAL, SPECIALLY IN RELATION TO AUSTRALIA.** United Kingdom; Central Europe and the Mediterranean; British India and Ceylon, Indo-China, Malay Archipelago, China, Japan, South Africa; Canada, United States of America; Argentine. No text-book is prescribed, but A. J. Herbertson's *Commercial geography of the world outside the British Isles* (Chambers. 2s. 6d.) is a fair guide as to the amount of detail required.
- (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 :

Cunningham, W. *Essay on Western civilization in its economical aspects: mediæval and modern times.* (Camb. Univ. Press 4s. 6d.)

George, H. B. *Relations of geography and history.* (Clar. pr. 4s. 6d.)

Chisholm, G. G. *Handbook of commercial geography.* (Longmans. 15s. net.) This is the best single book in English, and is almost indispensable.

Newne's *Atlas of the world's commerce.*

*Statesman's Yearbook.* Issued annually.

3. OTHER SUBJECTS. As for the Senior Public Examination.

SCALE OF MARKS.

Commercial Arithmetic and Bookkeeping ... ..	300	Commercial History and Geography ... ..	300
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Other subjects, as for the Senior Public Examination.

### 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.

*\*Allowed 6th April, 1905.*

III. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Senior Public Examination in November.

Candidates must be under the age of seventeen years on the 1st of December in the year in which the examination is held.

IV. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Junior Public Examination.

Candidates must be under the age of sixteen years on the 1st of December in the year in which the examination is held.

V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.

VI. No person who has gained a medal shall be awarded the medal of the same grade at the same examination in any subsequent year.

VII. In the event of two or more candidates obtaining the highest number of marks, a fresh examination shall be held to determine which of the candidates is most worthy.

VIII. These Regulations may be varied from time to time.

*Allowed 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, 1906.**

Appel, Herbert Johansen (Christian Brothers' College, Perth).  
 Steinberg, George (Christian Brothers' College, Perth).  
 Close, Walter John Westcott (Prince Alfred College).

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**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, 1906.**

Haste, Reginald Arthur (Prince Alfred College).  
 Jervois, William Edwin (St. Peter's Collegiate School).  
 Leedman, Charles Herbert (Christian Brothers' College, Perth).  
 Potts, William Andrew (Prince Alfred College). } equal.

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# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1907.

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## PART III.

### The Elder Conservatorium.

PREFACE.

STAFF.

REGULATIONS.

DIPLOMA OF ASSOCIATE IN MUSIC.

TERMS.

SCHOLARSHIPS.

PRIZES.

RULES FOR STUDENTS.

LIST OF STUDENTS.



# 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 course of instruction is divided into two grades, and the annual fees payable in each grade are :—

Advanced Grade ...	Fifteen guineas per annum
Second Grade ...	Twelve Guineas per annum

The annual fees may be paid in one amount, or in proportionate instalments at the commencement of each term. Students entering at a half term must pay the fee for a term and a half.

Each fee secures for the student 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.

The grade in which a student is to be placed will be decided by the Director.

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 must pass an Entrance Examination. The examination is not competitive but is of such a nature as to show 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 or half 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 who have completed a three years' course of study at the Conservatorium may present themselves for examination for the Diploma of Associate in Music.

### **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.

## STAFF.

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- Director* :—  
PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. (Lond.)
- Teacher of Composition* :—  
THE DIRECTOR.
- Teacher of the Organ* :  
THE DIRECTOR.
- Teachers of the Piano-forte* :—  
IMMANUEL GOTTHOLD REIMANN.  
BRYCESON TREHARNE, A.R.C.M.
- Teachers of Singing* :—  
FREDERICK CHARLES BEVAN.  
MISS GULI HACK, A.R.C.M.
- Teacher of Violin* :—  
HERMANN HEINICKE.
- Teacher of Violoncello* :—  
HAROLD STEPHEN PARSONS.
- Teacher of Orchestral Playing* :—  
HERMANN HEINICKE.
- Teacher of Ensemble Playing (Chamber Music)*.
- Teacher of Theory of Music* :—  
THOMAS HENRY JONES, Mus. Bac.
- Teacher of French and Italian* :—  
STANISLAUS MARTIN LEDOCHOWSKI
- Teacher of Elocution* :—  
EDWARD REEVES.
- Teacher of Sight Singing* :—  
ARTHUR HERMANN OTTO.
- Lady Superintendent* :—  
MRS. J. S. WESTON.

**THE ELDER CONSERVATORIUM OF MUSIC.****REGULATIONS.**

- I. The following subjects may be taught in the Elder Conservatorium :—

**PRINCIPAL SUBJECTS—**

Harmony and Musical Composition  
Pianoforte  
Singing (Solo)  
Organ  
Harp  
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.

- II. The Conservatorium shall be under the control of the Council of the University.
- III. The instruction of students shall be conducted by the Director and such Professors, Lecturers, and Teachers as the Council shall appoint.
- IV. A complete course of study shall extend over a course of not less than three academical years, and shall comprise at least one principal and one or more secondary subjects, which shall be specified by the student at the commencement of the course and approved of by the Director, but students may attend the Conservatorium and study one or more secondary subjects without taking a principal subject. Students may not, save by permission of the Director, change any of the specified subjects.

- V. At the end of their third year students may offer themselves for examination for the Diploma of Associate in Music in the subjects in which they have completed their course of study.
- VI. Students are required to undergo an entrance examination in the subjects they propose to study, in which examination they must satisfy the Director of their fitness for the specified course of study.
- VII. The academical year shall consist of three Terms. The first Term shall begin on the first Tuesday in March, and the third Term shall terminate on the second Tuesday in December in each year.
- Half Terms shall begin on the Monday nearest to the middle of each Term.
- 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
- VIII. Scholarships may be established from time to time by the Council, or by private individuals, under such conditions as the Council may approve.
- IX. At the end of the year each student shall be entitled to receive a report of progress, signed by the Director.
- X. The undermentioned annual fees shall be payable in advance either in one sum or in proportionate instalments at the commencement of each term. Students entering at a half term must pay for a term and a half. The fee for the Choral Classes must be paid in one sum, at the time of entering.

Entrance Examination ... .. £0 10 6

- (a) For one Principal and one or more of the following Secondary Subjects to be approved by the Director. The Director shall in each instance determine the grade in which any student shall be placed.

Theory of Music and History of Music.

Sight Singing and Musical Dictation.

Ensemble Playing.

Orchestral Playing.

Choral Singing.

			Per Term.	Per Annum.
Advanced grade	...	...	£5 5 0	£15 15 0
Second grade	...	...	4 4 0	12 12 0

- (b) Additional Fees as specified below will be charged for the undermentioned subjects, which will not be taught unless classes for them are formed to the satisfaction of the Council:—

	Per Term.	Per Annum.
Elocution ... ..	£0 10 6	£1 11 6
Italian ... ..	0 10 6	1 11 6
French ... ..	0 10 6	1 11 6
German ... ..	0 10 6	1 11 6

- (c) For an additional Principal Subject:—

	Per Term.	Per Annum.
Advanced grade ... ..	£4 4 0	£12 12 0
Second grade ... ..	3 3 0	9 9 0

- (d) For examination for Diploma  
For the Diploma ... ..
- |  |       |
|--|-------|
|  | 3 3 0 |
|  | 2 2 0 |

- (e) For Secondary Subjects when not taken in conjunction with a Principal Subject:—

	Per Term.	Per Annum.
Theory of Music (Elementary and Junior grades) ...	£0 10 6	£1 11 6
Theory of Music (Intermediate and Senior grades) ...	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
Choral Singing ... ..		10 6
Elocution ... ..	1 1 0	3 3 0
Italian ... ..	1 1 0	3 3 0
French ... ..	1 1 0	3 3 0
German ... ..	1 1 0	3 3 0

A student who discontinues for any period the study of the Principal subject, but continues the study of any Secondary subject or subjects previously taken in conjunction with it, shall be required to pay during the continuance of such study the fee prescribed under clause (e), for each such secondary subject.

- XI. The Council may authorise the holding of examinations in musical subjects, and the granting of Diplomas or Certificates of efficiency to candidates who shall comply with the requirements of such examinations.

- XII. The Regulations of the Elder Conservatorium allowed on the 6th April, 1898, are hereby repealed, but all students who studied a principal subject or subjects during the Third Term of 1904, may continue the study of the same principal subject or subjects at the same fees as they would have paid under the former Regulations, provided they re-enter during the First Term of 1905.

*Allowed 7th December, 1904.*

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## 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, or the Elder Conservatorium, 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.
- 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 during three terms.
- 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.
- 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.*

### PASS LIST.

- 1900 Puddy, Maude Mary (Principal Subject—Pianoforte).
- 1901 { Parkinson, Charlotte Ethel Violet (Principal Subject, Pianoforte).  
Sayers, Alice Mabel (Principal Subject, Singing).  
Spehr, Francesca (Principal Subject, Singing).  
Whillas, Helen May (Principal Subject, Singing).
- 1902 { Hantke, Ethel Hilda Hedwig (Principal Subject, Singing).  
Manning, Hilda Mahala (Principal Subject, Pianoforte).
- 1903 { Davy, Ruby Claudia Emily (Principal Subject, Composition).  
Kemp, Marion Kirkwood (Principal Subject, Singing).  
Rudemann, Elsa Wilhelmine (Principal Subject, Singing).
- 1904 { Brüggemann, Martha Dorothy (Principal Subject, Singing).  
Hills, Walter Bedford (Principal Subject, Organ).  
Joyce, Kate (Principal Subject, Singing).
- 1905 Phipps, Charlotte Lucy Barkewell (Principal Subject, Composition).
- 1906 { Cox, Leila Isabel (Principal Subject, Pianoforte).  
Edwards, Gladys Ruby (Principal Subject, Singing).  
Jacob, Dorothea Violet (Principal Subject, Pianoforte).
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SCHEDULE.

DETAILS OF SUBJECTS FOR EXAMINATION IN 1907.

For Candidates who enter under the Regulations allowed 18th September, 1900.

**Pianoforte.**

PRACTICAL WORK.

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 J. S. : Prelude and Fugue in F major (Book II. of the "Forty eight").

Beethoven : Sonata in F sharp, Op. 78.

Haydn : Variations in F minor.

Chopin : Scherzo in B minor.

Liszt : Concert Study in D flat.

2. To read at sight
3. To extemporise, to modulate, and to transpose
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.

5. To answer questions on the grammar of music
6. To harmonize a given figured bass in four parts
7. To harmonize a given simple melody in four parts
8. Simple Counterpoint—
  - (a) In two parts
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th-species.

**Organ.**

PRACTICAL WORK.

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, J. S. : Prelude and Fugue in C major.  
 Mendelssohn : Sonata No. 4 (last movement only).  
 Hollins, Alfred : Concert Overture in C minor (Novello).  
 Rheinberger : Sonata in E flat minor, Op. 119.  
 Widor : Symphony No. 5 (First Movement only).

2. To read at sight.
3. To harmonize a given melody on the instrument.  
 To play from a figured bass.  
 To play from four-part vocal score, including C clefs.  
 To extemporise, to modulate, and to transpose.  
 To harmonize a given simple melody in four parts.

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.

#### PAPER WORK.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.
9. To answer questions on the construction and treatment of the organ.

#### String Instruments.

##### PRACTICAL WORK.

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 :—

##### Violin.

- Bach : 1st and 2nd movements (Adagio, Fugue) from the last Sonata, in G minor, for Violin alone.  
 Wieniawski : 2nd Concerto.  
 Saint Saëns : Introduction and Rondo Capriccioso.  
 Brahms—Joachim : Hungarian dance in G minor (No. 5).

### Violoncello.

Beethoven: Slow and last Movements from Sonata in C, Op. 102, No. 1.

Romberg: 1st Movement from Concerto in D.

Bach: Gavottes Nos. 1 and 2 and Gigue for Violoncello alone from Suite 6 (Grutzmacher Ed.).

Servais: No. 4 from 6 Caprices, Op. 11.

Saint Saëns: Concerto in A minor.

2. To transpose.
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.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.
9. To construct an accompaniment for a second instrument of the same kind to a given melody.

### Singing

#### PRACTICAL WORK.

Each Candidate will be required—

1. To sing one or more pieces selected by the Examiners from the following lists. Those pieces marked with an asterisk \* to be sung from memory.

N.B.—*All extracts from Operas and Oratorios to be sung in their original keys. The words may be original or translated, as preferred by the Candidate.*

#### SOPRANO.

- \* Bach: { Recit, "Although Mine Eyes" (St. Matthew).  
          { Aria, "Jesus Saviour" (Passion).
- \* Mendelsohn: "Hear ye, Israel" (Elijah).
- Weber: "Und ob die Wolke" (Der Freischütz).
- Brahms: "O wüsst ich doch den Weg Zurück" (Peter's 2504a).
- Wagner: "Elsa's Dream" (Lohengrin).

## MEZZO SOPRANO.

- \* Mendelssohn : { Recit, "So they being filled with the Holy Ghost"  
(St. Paul).  
Arioso, "I will sing of Thy great mercies"  
(St. Paul).  
\* Schubert : Gretchen am Spinnrade"  
Handel : { Recit, "Ye Sacred Priests"  
Aria, "Farewell ye Limpid Springs" } (Jephtha).  
Lotti : Pur dicesti.  
Mackenzie, A. C. : "Gentle dove, thy voice is sad" (Colomba).

## CONTRALTO.

- \* Bach, J. S. : "Sleep My Beloved" (Christmas Oratorio).  
\* Dvorak : "Inflammatu8" (Stabat Mater).  
Sullivan : "Virgin Who Lovest the Poor and Lowly" (Golden Legend).  
Mercadante : "Ah s'estinto ancor mi vuvi" (Donna Caritea).  
Mackenzie : "Lo the King" (Rose of Sharon).

## TENOR.

- \* Handel : "His Mighty Arm" (Jephtha).  
\* Wagner : "Prize Song" (Die Meister Singer).  
Brahms : "Meine Liebe ist grün," Op. 63, No. 5.  
Mozart : "Oh ! Cara Immagine" (Il Flauto Magico).  
Schubert : Serenade (in D minor).

## BARITONE.

- \* Handel : "Thy Glorious Deeds" (Samson).  
\* Mendelssohn : It is Enough" (Elijah).  
Wagner : { Recit, "Like Death's dark Shadow" (Tannhäuser).  
Air, "O Star of Eve" (Tannhäuser).  
Schubert : "The Linden Tree."  
Rubinstein : Der Asra.

## BASS.

- \* Handel : { Recit, "For Behold"  
Air, "The People that Walked in Darkness" } The  
\* Gounod : "She alone Charmeth my Sadness" (La Reine de Saba).  
Mozart : "Possenti numi" (Il Flauto Magico).  
Spohr : "Tears of Sorrow" (Calvary).  
Schumann : "Die beide Grenadiere.

2. To read at sight.
3. To play on the Pianoforte an accompaniment selected and prepared by the Candidate.
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.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.

#### TEST IN PIANOFORTE PLAYING FOR CANDIDATES WHO PRESENT THEMSELVES IN SUBJECTS OTHER THAN PIANOFORTE.

Each Candidate must be prepared—

1. To play the major and harmonic minor scales in all keys with each hand separate and with both hands together in similar motion—compass three octaves.
2. To play the arpeggios formed of all the major and minor common chords with each hand separately.
3. To play any one of Bach's two-part inventions and one of the following pieces :—
  - Beethoven : Sonata in G major, Op. 49, No. 2, second movement.
  - Grieg : "Volkswaise," No. 2 of Lyrical Pieces, Op. 38.
  - Gade : Novelette, No. 9 of "Aquarellen," Op. 19.

#### DETAILS OF SUBJECTS FOR EXAMINATION IN 1907.

##### FIRST YEAR.

##### PRACTICAL WORK.

##### **Pianoforte.**

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—
  - Cramer : Study in E minor, No. 2 (No. 19 in the Bulow Ed.).
  - Czerny : Study in G, Op. 299, No. 18.
  - Bach : Courante from Suite Francaise, No. 2 (in C minor).
  - Beethoven : Sonata in E, Op. 14, No. 1 (1st movement).
  - Chopin : Mazurka in E minor, Op. 17, No. 2.

2. To play any major, minor, or chromatic scale—
  - (a) With each hand separately, compass four octaves.
  - (b) With both hands together in similar motion, compass four octaves.  
All scales to begin with the highest or lowest note, as 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 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).

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.

### Violin.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them selected by the Examiner or Examiners from the following list :—

Kayser : Thirty-six Studies, Nos. 29 and 35.

Bach : Sonata No. 3, for Violin and Clavier, first movement (Adagio).

Rode : Concerto in E minor, No. 8 (Peter's Edition), first movement.

Beethoven : Romance in F.



2. To play any major or minor scale, extending through a compass of two octaves.

(a) Detached bowing—one note to a bow  
 (b) Slurred bowing not more than four notes to a bow.

3. To read at sight.

4. To qualify in Ear Tests :—

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

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

### Violoncello.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiner or Examiners from the following list :—

Dotzauer: Quarantes Etudes, Nos. 3, 6, and 8.

Davidoff: Romance sans paroles.

Marcello: Grave and last Allegro from Sonata in G (Schott).

2. To play any major or minor scale, extending through a compass of two octaves.

(a) Detached bowing—one note to a bow.  
 (b) Slurred bowing—not more than four notes to a bow.

3. To read at sight.

4. To qualify in Ear Tests :—

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

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

### Singing.

Each candidate will be required to sing one or more pieces or portions of them, selected by the Examiner or Examiners from the following lists. Those pieces marked with an asterisk to be sung from memory. The studies must be sung in solfeggi.

#### SOPRANO.

Studies: Concone (fifty lessons), Nos. 48 and 49.

Handel: { Recit, "O worse than death"  
 { Air, "Angels ever bright and fair" } (Theodora).

\* Spohr: "Rose softly blooming" (in A).

Sullivan: "Orpheus with his lute" (in B flat).

## MEZZO SOPRANO.

- Studies : Concone (fifty lessons), Nos. 45 and 46.  
 Handel : " O had I Jubal's lyre " (Joshua).  
 \* Sterndale Bennett : " May-dew."  
 Godard : " Angels guard thee " (in E flat).

## CONTRALTO.

- Studies : Concone (40 lessons), Nos. 3 and 5.  
 Handel : " Lord to Thee each night and day."  
 \* Gounod : Romance, " When all was young " (Faust).  
 Hatton : " The Enchantress."

## TENOR.

- Studies : Panseron (40 exercises), Nos. 2 and 6.  
 Handel : " Where'er you walk " (Semele).  
 Mendelssohn : " Be thou faithful " (S. Paul).  
 \* Purcell : " I attempt from love's sickness to fly " (in A).

## BARITONE.

- Studies : Panseron (42 exercises), Nos. 2 and 12.  
 Handel : " Revenge, Timotheus cries " (Alexander's Feast).  
 Gounod : " The valley."  
 \* Hatton : " To Anthea."

## BASS.

- Studies : Panseron (42 exercises), Nos. 4 and 8.  
 Handel : { Recit, " I feel the Deity within " and } (Judas).  
           { Air, " Arm, arm, ye brave " }  
 \* Sullivan : " Thou'rt passing hence " (in G).

Each candidate will also be required to sing the ascending major and minor scales within the compass of his or her voice.

## PAPER WORK

for candidates in Practical Subjects.

The scope of the paper work will include questions on

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.

## RULES TO BE OBSERVED BY STUDENTS.

1. A Student on entering the Conservatorium must sign an agreement binding himself to keep all the rules of the Conservatorium, to obey those in authority, and to attend for study at least one year. The father or guardian of the student will be required to sign a minute of approval, and to give an undertaking to pay the fees for the year.

2. Arrangements for continuing or receiving lessons must be made through the Registrar of the University and not direct with the teacher.

3. Students intending to discontinue lessons must give notice of such intention at least one month before the end of a Term.

4. All fees are payable in advance.

5. Students are not allowed to receive lessons until a voucher has been produced to the teacher showing that their fees are paid.

6. Students must attend punctually at the hour appointed for their lessons, and must on no account absent themselves without a written explanation to the Director.

7. Strict silence must be observed by students while lessons are being given.

8. Students will not be allowed to bring their parents or friends to the class-rooms.

9. Teachers are not allowed, except by permission of the Director, to give lessons to pupils of the Conservatorium elsewhere than at the Conservatorium.

10. Students must attend such orchestral, vocal, or other classes as the Director shall deem essential for their progress.

11. Students, unless excused by the Director, must remain in the classroom forty minutes in addition to the time occupied by their own lessons.

12. No Student of the Conservatorium shall take part in any public concert or accept any public engagement without the sanction of the Director.

13. No Student of the Conservatorium shall publish any composition without the sanction of the Director.

14. A copy of all compositions published with the Director's sanction must be presented to the Library of the University.

15. As a mark of particular distinction advanced students may be permitted to give instruction in the Conservatorium under the supervision of their own Teachers. The authority for this privilege must emanate from the Director, and cannot be extended to Students after they have left the Conservatorium.

16. Any infringement or breach of Rules or any discreditable or improper conduct will subject the Student, at the discretion of the Board of Musical Studies, to dismissal from the institution.

CHAS. R. HODGE,  
REGISTRAR.

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### TERMS, 1907.

First Term begins 5th March.  
 Half Term begins 15th April.  
 First Term ends 25th May.  
 Second Term begins 10th June.  
 Half Term begins 15th July.  
 Second Term ends 17th August.  
 Third Term begins 3rd September.  
 Half Term begins 21st October.  
 Third Term ends 10th December.

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### ELDER SCHOLARSHIPS.

#### REGULATIONS.

- I. Scholarships shall be offered for competition among Australasian Students of Music.
- II. A Scholarship shall be tenable for three years, and shall entitle the holder to free tuition in one principal and one or more of the following secondary subjects, to be approved by the Director :—

Theory of Music and History of Music.  
 Sight Singing and Musical Dictation.  
 Ensemble Playing.  
 Orchestral Playing.  
 Choral Singing.

The principal subject of study shall be the subject for which the Scholarship was awarded. The period of tenure may be extended by the Council.

A person elected to a Scholarship who declines to accept the emoluments thereof by reason of being able to pay for his or her education, or for other sufficient reason, may bear the title of Honorary Scholar. In such a case the Council may direct that the funds of the Scholarship be devoted to assist deserving students to meet the cost of their musical education.

III. The subjects for which Scholarships will be awarded shall for the present be—

Singing (two Scholarships).  
 Pianoforte Playing (two Scholarships).  
 Violin Playing (two Scholarships).  
 Musical Composition (one Scholarship).  
 Organ Playing (one Scholarship).  
 Violoncello Playing (one Scholarship).

If a Scholarship in any subject be not awarded, the Council may award the Scholarship for another subject.

IV. Candidates for Scholarships shall undergo such examination as the Council may from time to time direct.

V. Should none of the Candidates competing for a Scholarship show sufficient merit, the Scholarship may be left vacant until such time as the Council may direct.

VI. Successful candidates must, at the end of each Term, present to the Council a certificate of diligence and proficiency, in a form to be prescribed; and should such certificate be unsatisfactory, the Council may determine the tenure of the Scholarship on giving three months' notice to the holder. The Council may also summarily determine a Scholarship if in the judgment of the Council the holder be guilty of misconduct.

VII. No person may hold more than one of the Elder Scholarships at the same time.

VIII. The limits of age for candidates for these Scholarships shall be as follows :—

- Singing—17 to 24.  
 Pianoforte Playing—12 to 18.  
 Violin Playing—12 to 18.  
 Organ Playing—12 to 19.  
 Musical Composition—12 to 25.  
 Violoncello—12 to 18.

IX. An examination fee of 10s. 6d. shall be paid by each candidate for a Scholarship.

X. The places at which examinations for Scholarships shall be held and the mode in which such examinations shall be conducted shall be such as the Council approve.

*\* Allowed 7th December, 1904*

#### AWARDS.

- 1898 { Hamilton, Elsie Maude (Pianoforte).  
 Thomas, Nora Kyffin (Violin).  
 1899 { Puddy, Maud Mary (Pianoforte).  
 Pelly, Gwendoline Dorothy (Violin).  
 Degenhardt, Clarence August John (Singing).  
 Cooke, Florence Emmeline (Composition).  
 1900—Hantke, Ethel Hilda Hedwig (Singing).  
 1901 { Alderman, Eugene Horatio (Violin).  
 Chenoweth, Maurice Clayton (Special for Tenor Voice).  
 Parsons, Harold Stephen (Violoncello).  
 Schäche, Florence Olga (Pianoforte).  
 1902 { Brüggemann, Martha Dorothy (Singing).  
 Burnell, Norman Leslie (Composition).  
 Jones, Brewster Hooper Jossé (Pianoforte).  
 1903 { Cowperthwaite, Winnifred Maud (Violin).  
 McCarthy, Annie Grace Mabel (Singing).  
 1904 { Jürs, Carlien Ethel May (Pianoforte).  
 Tonkin, Alfred Bertie (Violin).  
 Homburg, Fritz, Honorary Scholar (Violoncello).  
 1905 { Puddy, Maud Mary (Composition).  
 Short, John Gordon (Pianoforte).  
 Klintberg, Hilda Mary (Singing).  
 Savage, Harold Gilks (Special for Tenor Voice).  
 1906 { Gardner, George Gavin Forrest (Composition).  
 Hine, Clytie May (Singing).  
 Kennedy, Daisy Fowler (Violin).

## ELDER CONSERVATORIUM FREE SCHOLARSHIP.

### RULES.

1. There shall be an annual scholarship to be called the "Elder Conservatorium Free Scholarship," which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The Scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without 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 entitled to compete during that year for the scholarship.

## PRIZES.

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### Elder Conservatorium Prize.

#### AWARDS.

1902	{	Alderman, Eugene Horatio	}	equal
		Puddy, Maude Mary		
1903		Jones, Brewster Hooper Josse		
1904	{	Chenoweth, Maurice Clayton	}	equal
		Parsons, Harold Stephen		

This has been discontinued.

---

### 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 competed for at a special examination in the third term of each year.
3. Only students of the Conservatorium who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The Prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it.



5. Candidates shall be examined in the following subjects :—
- (i.) Reciting
  - (ii.) Reading at sight
  - (iii.) Prepared Reading, or  
Prepared Speaking (at the option of the candidate).
6. These rules may be varied from time to time by the Council.

*Made by Council 15th December, 1905.*

#### AWARDS.

1900	Edmeades, Marie.	
1901	Burford, Emmie.	
1902	Thomas, Ada Lillian Casley.	
1903	Stuckey, Agatha Lucy.	
1904	No candidates.	
1905	{ Weston, Alice Ruby { Weston, Mignon Leonie }	} equal.
1906	Lucas, Lillian.	

*Proxime accessit*

Dunstan, Agnes Mildred.

---

#### The Oratorio Prize.

A prize of five guineas, presented by Frank G. Tolley, Esq., B.A., LL.B., will be awarded annually to the best singer of oratorio music.

#### AWARDS,

1902	Hantke, Ethel Hilda Hedwig.
1903	Chenoweth, Maurice Clayton.
1904	Brüggemann, Martha Dorothy
1905	Edwards, Gladys Ruby.
1906	Kemp, Marion Kirkwood, A.M.U.A.

### **The Frederick Bevan Prize.**

A prize of five guineas, presented by Frederick Bevan, Esq., Gentleman of H.M. Chapels Royal, will be awarded annually to the best piano forte accompanist of vocal music.

#### AWARDS.

- 1902 Puddy, Maude Mary.
  - 1903 Schäche, Florence Olga.
  - 1904 Parkinson, Charlotte Violet Ethel, A.M.U.A.
  - 1905 Williamson, Arthur Burton.
  - 1906 Cox, Leila Isabel, A.M.U.A.
- 

### **The Brookman Prize.**

A prize of five guineas, presented by the Hon. George Brookman, M.L.C., will be awarded annually to the best performer on a stringed instrument played with the bow.

#### AWARDS.

- 1902 Alderman, Eugene Horatio (Violin).
  - 1903 Parsons, Harold Stephen (Violoncello).
  - 1904 Cade, William.
  - 1905 Delprat, Elizabeth Fransiska Carmen.
  - 1906 Roach, Mary Moyle.
- 

### **The Ennis Prize.**

A prize of five guineas, presented by Professor Ennis, Mus. Doc., will be awarded annually to the best performer on the Pianoforte.

#### AWARDS.

- 1902 Puddy, Maude Mary.
- 1903 Parkinson, Charlotte Ethel Violet
- 1904 Jones, Brewster Hooper Josse.
- 1905 Henderson, Louise Koeppen.
- 1906 Martin, Elizabeth Jean.

The Oratorio, the Brookman, the Frederick Bevan, and the Ennis Prizes are open to students, not being holders of either Elder Scholarships in the Conservatorium, or of the Elder Conservatorium Free Scholarship, who have studied at least two years (not necessarily consecutive) at the Elder Conservatorium. The Prizes will be awarded by the Council on the recommendation of the Examiner or Examiners from time to time appointed by the Board of Musical Studies.

No student may obtain more than one of the above mentioned prizes in the same year nor will any prize be awarded to the same student a second time.

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## ELDER CONSERVATORIUM STUDENTS FOR YEAR 1906.

- |                                 |                                     |
|---------------------------------|-------------------------------------|
| Adams, Ruby Ethel               | Connor, Isabella de Courey          |
| Anderson, Mrs. J. R.            | Cooke, Hurtle Lees                  |
| Andrews, Percival Henry         | Coombs, Dora Rachel                 |
| Angas, Beryl Collins            | Cooper, Gladys Mary                 |
| Ayers, Mabel                    | Cornelius, Olive                    |
| Ayers, Florence                 | Correll, Olive May                  |
| Baines, Stanley                 | Correll, Richard William Thomas     |
| Baird, Adeline R. M.            | Cowan, George Dalrymple             |
| Baker, Adelaide Chaffey         | Cowell, Elsie Emily                 |
| Ballans, Blanche                | Cowell, Gertrude Ellen              |
| Barbour, Graemme Madawal        | Cowperthwaite, Florence             |
| Barley, Amy Ella Gertrude       | Cowperthwaite, Winifred             |
| Basnett, Olive                  | Cox, Hilda Agnes                    |
| Batchelor, Maud Gladys          | Cox, Leila Isabel                   |
| Bennett, Ruby Trix              | Crace, Kathleen Elizabeth           |
| Bernstein, Beatrice             | Creswell, Hazel Thornton            |
| Berry, Helen                    | Crutehett, Lucretia Kate            |
| Best, Eva Mona                  | Cudmore, Rosa Florence              |
| Bonnin, Ellen Stirling          | Cuning, Elizabeth Smith             |
| Bowen, Muriel Lois              | Darling, Gertrude                   |
| Bowering, Clara Violet          | Dart, Ella Charity                  |
| Bowering, Frank                 | Davy, Ruby Claudia Emily            |
| Broadbent, Clara Violet         | Dawson, Bessie                      |
| Bröse, Ernest William           | Daymond, Harold C.                  |
| Brown, Emily May                | Dean, Sarah Millicent               |
| Brüggemann, Martha              | DeGaris Selena Victoria             |
| Bullock, Royden George          | Delprat, Elizabeth Franziska Carmen |
| Burden, Dorothy Eleanor         | Delprat, Elizabeth Theodora Joanna  |
| Burden, Helen Gertrude          | Stoffelina                          |
| Buring, Antoinette Hermine      | Dreghorn, Jean                      |
| Burnard, Renfrey Gershom, M. B. | Duff, Minnie Coralie                |
| Burns, Lettie Weston            | Duncan, Olive Amy Evelyn            |
| Caddy, May                      | Dunstan, Mildred                    |
| Cade, William Richard           | Edwards, Gladys Ruby                |
| Campbell, Jessie                | Evans, Florence A.                  |
| Campbell, Katherine             | Farr, Gertrude                      |
| Carne, Clarice Isobel           | Fea, Clarice Mary                   |
| Cave, Edmund                    | Ferguson, Elsie Jean                |
| Chaplin, Eric Stanley           | Fiddian, W. J.                      |
| Chapman, Ada Beryl              | Fisher, Mrs. H. K. C.               |
| Checkett, Catherine             | Flaherty, Annie                     |
| Cheek, Muriel                   | Flett, Frances                      |
| Chidlow, Adelaide Elizabeth     | Flett, Maggie Gertrude              |
| Chittleborough, Mrs. A. B.      | Formby, Nora                        |
| Cleland, Mrs. W. L.             | Foster, Elsie Myra Lilian           |
| Cocking, Clara Evelyn           | Fraser, Jessie                      |
| Cocking, Ernest Lisle           | Freeman, Daisy Gwendoline           |
| Collison, Edith                 | Freeman, Isabel                     |
| Colvin, Mrs. B. D.              | Frinsdorff, Bertha                  |

Fry, Kathleen Hampson  
 Fulton, Hannah  
 Fulton, Jeannie  
 Galloway, Lillian  
 Galt, Jessie  
 Galt, Maggie  
 Gardner, George Gavin Forrest  
 Garton, Mary May  
 Gebhardt, Crystal  
 Gebhardt, Minna  
 Gepp, Mrs. H.  
 Gill, William Frederick  
 Gliddon, Clara Ida  
 Gliddon, Irene Mary  
 Godlee, Dorothy  
 Gordon, Joan  
 Gordon, Lizzie  
 Gordon, Margaret Helen  
 Goss, Lucy Vera  
 Grandfield, Edith  
 Greenway, Eleanor  
 Haining, Beatrice Evelyn  
 Hakendorf, Jens Martin  
 Hall, Beatrice  
 Hall, Lily  
 Hamence, Elsie Emily  
 Hancock, Myra  
 Hansen, Hilda Christina  
 Hanten, Blanche Mabel  
 Harder, Ottilia Annie Louisa  
 Hardt, S B  
 Harris, Florence  
 Harris, Sylvia  
 Hart, Marian Henthorn  
 Hartley, Muriel  
 Harvey, Minnie  
 Hawkings, Mrs. Annie Grace Isabel  
 Hawkings, Mrs. A E  
 Heming, Clara Judith  
 Henderson, Barbara  
 Henderson, Louise  
 Henty, Harry Herbert, jun.  
 Hill, May  
 Hill, Muriel  
 Hills, Walter Bedford  
 Hine, Clytie May  
 Hoche, Edith  
 Hodge, Sylvia Beatrice  
 Hoffmeister, Annie  
 Holder, Kathleen Gladys  
 Holder, Winnifred Breakspear  
 Homburg, Fritz  
 Homburg, Hansi  
 Huckvale, Alice Frances  
 Hughes, Gladys Annie

Hughes, Ellen Euphemia  
 Hughes, Edith Mary Clara  
 Hyett, Frederick George  
 Hyett, Margaret  
 Inman, Daisy Grace  
 Jackson, Elsie  
 Jackson, Fanny Edith  
 Jacob, Denise Edmee Iris  
 Jacob, Dorothea Violet  
 Jacobs, Reginald Frederick  
 Jacobs, Agnes  
 Jacobs, Gertrude Grace  
 James, Alice Mary  
 James, Doris  
 James, Stanley  
 Jaunay, Irene  
 Johnson, Mrs. E. Angas  
 Jones, Bertha  
 Jones, Clarence Carlyle  
 Jones, Ivy Lillian  
 Jones, Lavinia Constance  
 Jones, Sydney Herbert  
 Joyce, Kate  
 Jürs, Carlien Ethel May  
 Jurs, Ella  
 Jurs, Florence  
 Jurs, Vera  
 Kelleher, Nellie Eugenie  
 Kemp, Marion Kirkwood  
 Kennedy, Daisy Fowler  
 Kinderman, Gustav  
 Kindermann, Julius  
 Klintberg, Hilda Mary  
 Kohler, Lillian  
 Kollosche, Samuel  
 Knight, Isabella Marion  
 Langdon, Monamy Burnet  
 Laughton, Florence  
 Lavis, Hilda May  
 Lawton, Essie Muriel  
 Leitch, Mrs. Maggie M.  
 Lewis, Marion Elizabeth  
 Lillecrapp, Beatrice  
 Lillecrapp, Frances  
 Limbert, Bertha Margaret  
 Lucas, Lillian  
 Lungley, Beatrice  
 Maedonald, Myra Maud  
 Mack, Elford Hamilton  
 Madsen, Mrs. J. P. V.  
 Malcolm, Isabell  
 Malpas, Mrs. E.  
 Mark, Laura Ellen  
 Martin, Elizabeth Jean  
 Martin, Ivy Mart

- Martin, Muriel  
 Matheson, Dorothy Gladys  
 Matheson, Nellie Agnes  
 Mattingly, Elsie Daisy  
 Mattinson, Muriel Ruby  
 May, Muriel Minnette  
 May, Stanley Harry  
 Measday, May  
 Meegan, John  
 Meller, Eva Ellison  
 Mellish, Grace Amy  
 Mellish, Hector Leonard  
 Mellish, Isabella  
 Mellor, Barbara Willingale  
 Mellor, Mrs. J. F.  
 Mellor, Percival Willingale  
 Mellor, Stanley Charles  
 Mellor, Winifred  
 Melrose, Clarice Gwendoline  
 Melrose, George Stanley  
 Miethke, Minna  
 Mitchell, John Robert  
 Moller, Edith Maude  
 Moncrieff, Myrtle Hartley  
 Moore, Ethel Daisy  
 Morris, Ermyrn Alice  
 Morris, Lydia Dora  
 Moulden, Frank Beaumont  
 Muirhead, Dorothy Mary Elizabeth  
 McAlister, Mrs. E. J.  
 McEgan, Mrs.  
 McEgan, Nellie  
 McEwin, John Oswald  
 McKirdy, Martha Jane  
 McNamara, Adele May  
 Nairn, Myrtle Linda  
 Nicholls, William Vernon  
 Nicol, Winifred Phoebe  
 Nock, Ethel Stella  
 Norman, Olive Hay  
 Ogden, Louise  
 Ogden, Olive  
 Oldham, Lily  
 Ophel, Arthur James Burnell  
 Osborn, Mary Elizabeth  
 Owen, Owain Raymond  
 Palmer, William  
 Pearce, Olive  
 Phillips, Grace  
 Pooler, Angelina Leslie  
 Poulton, Mrs. B.  
 Powell, Edith Mabel  
 Powell, Jessie Lilian  
 Preiss, Alice Eunice Waldeck  
 Proud, Emily Dorothea  
 Puddy, Eric Stanley  
 Purling, Ruby Stella  
 Reed, Lucy Agnes  
 Reinecke, Kate Eleanor  
 Reinecke, May Ethel  
 Reynell, Carew  
 Reynell, Emily  
 Reynell, Gladys  
 Reynell, Lenore  
 Rickards, Rosa Mary  
 Ridings, Ethel Rose  
 Ridings, Rowland Bradshaw  
 Rouch, Mary Moyle  
 Roberts, Margaret Ethel  
 Roberts, Winifred Sophie  
 Rodgers, Elizabeth  
 Rudall, Maude Bryce  
 Rudemann, Elsa Wilhelminah  
 Sabine, Reginald  
 Salter, Alice Ida Florence  
 Sandford, Clarice Jeannie  
 Sandford, Elma Linton  
 Saunders, Hilary  
 Savage, Harold Gilks  
 Sharland, Nellie Gillart  
 Shaw, Nellie  
 Short, Eva Winifred  
 Short, John Thomas Gordon  
 Smith, Catherine Ellen Law  
 Smith, Elsie May  
 Smith, Gertrude Hayward  
 Smith, Gertrude Sunter  
 Solomons, Mrs. H. A.  
 Spritch, Sabina Maud  
 Sprod, Mary Ann  
 Stevenson, Marie Irene  
 Stirling, Nina  
 Stolz, Sabina Bertha  
 Stoward, Hilda May  
 Stuckey, Agatha  
 Summerton, Florence  
 Susman, Muriel Estelle  
 Taylor, Gladys  
 Temple, Dorothy  
 Thomas, Ada L. C.  
 Thomas, Geoffrey Kyffin  
 Thomas, Hilda Kyffin  
 Thomson, Winifred Smith  
 Tilley, Edith Louise  
 Tod, Ethel Mary  
 Todd, Dorothea Henthorn  
 Tonkin, Alfred Bertie  
 Torr, Elsie Montrose  
 Traynor, Olive Blanche  
 Trummer, Minnie Thompson

- |                               |                                |
|-------------------------------|--------------------------------|
| Tuckwell, Bessie Gertrude     | Weston, Alice Ruby             |
| Tweeddale, Robina             | Weston, Mignon Leonie          |
| Uffindell, Alberta Ethelwynne | Weston, Vivian Roy             |
| Uffindell, Ottilie Clare      | Whelin, Nellie Russell         |
| Underwood, Gertrude           | White, Elsie                   |
| Van Senden, Maud Ermytrude    | Whiting, Edith                 |
| Ward                          | Whittington, Sylvia Muriel     |
| Venn, Dorothy                 | Whittam, Ruth Douglass         |
| Verco, Constance Mary         | Wicks, Violet Myrtle Shilley   |
| Verco, Kathleen               | Wilcox, Myra Louise            |
| Verco, Marian                 | Williams, Francis James, jun.  |
| Verco, Olive Mary             | Williams, Irene Blanche Harvey |
| Von Lukowitz, Stefanie        | Williams, Maude Beatrice Ethel |
| Wald, Mrs. C. M.              | Williamson, Arthur Burton      |
| Wallmann, Beatrice            | Wilson, Jeanie Reid            |
| Warland, Jessie               | Wood, Maud Gifford             |
| Warren, Mrs. C. H.            | Woolnough, Edith               |
| Warren, Hilda                 | Worsnop, Clara Mary            |
| Warren, Lily Adele            | Wyatt, Constance               |
| Weber, Horace George Martin   | Wylie, Doris                   |
| Webster, Mrs. J. H.           | Young, Selina Michell.         |
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# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1907.

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## PART IV.

### **Public Examinations in Music.**

LOCAL CENTRES AND OFFICERS.

PRIMARY PUBLIC EXAMINATION IN THE THEORY OF MUSIC.

**The Universities of Melbourne and Adelaide.**

PUBLIC EXAMINATIONS IN THE THEORY AND PRACTICE OF MUSIC.



# PUBLIC LOCAL EXAMINATIONS.

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## THEORY OF MUSIC—

Primary Division in June.

This Examination will be held for the last time in June next.

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## The Universities of Melbourne and Adelaide.

## THEORY AND PRACTICE OF MUSIC—

All grades in September.

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## PERMANENT LOCAL CENTRES AND OFFICERS.

### SOUTH AUSTRALIA—

#### BURRA :

Chairman—J. I. Sangster, M.B., B.S. Hon. Secretary—J. E. H. Winnall.

#### CLARE :

Chairman—Rev. Canon Webb, M.A. Hon. Secretary—Magnus Badger.

#### GAWLER :

Chairman—S. B. Rudall, M.P. Hon. Secretary—R. K. Thomson.

#### JAMESTOWN :

Chairman—H. Boucant. Hon. Secretary—Rev. T. H. Frewin, M.A.

#### KAPUNDA :

Chairman—J. H. Hitchins, J.P. Hon. Secretary—Rev. A. G. Fry.

#### MOONTA :

Chairman—W. H. Uffindell. Hon. Secretary—S. R. Page.

#### MOUNT BARKER :

Chairman—B. Smeaton, M.B., B.S. Hon. Secretary—J. J. Mackenzie.

#### MOUNT GAMBIER :

Chairman—F. H. Daniel. Hon. Secretary—C. L. Spehr, LL.B.

## NARACOORTE :

Chairman—A. Attiwell. Hon. Secretary—A. R. Caw, M.B., B.S.,  
(Acting).

## PORT PIRIE :

Chairman—F. S. Delano. Hon. Secretary—B. H. Moore, B.Sc.

## PETERSBURG :

Chairman—D. Halcomb, B.A. Hon. Secretary—Rev. E. S. Tuckwell,  
B.A.

## NEW SOUTH WALES—

## BROKEN HILL :

Chairman—O. von Rieben. Hon. Secretary—Justin McCarthy.

## WESTERN AUSTRALIA—

## CENTRE—PERTH :

Chairman—Hon. J. W. Hackett, LL.D., M.L.C. Secretary—A. E.  
Randell.

## GOLDFIELDS CENTRE :

Chairman—Dr. Hill. Hon. Secretary—J. Watson Brown, B.Sc.,  
LL.B., Kalgoorlie.

## SUB-CENTRE—ALBANY :

Chairman—Mr. C. McKenzie. Hon. Secretary—

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.

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## 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.**

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**THEORY OF MUSIC.**

## PRIMARY DIVISION.

## DETAILS OF SUBJECTS FOR 1907.

At the Primary Examination every candidate shall be required to satisfy the Examiners that he has a knowledge of—

Notes and Rests; the F and G Clefs, including Transposition from one to the other; Time, and Time Signatures; Accent; Major Scales; Harmonic and Melodic Minor Scales; Intervals, and the Inversion of Intervals; Triads, including Common Chords and Dissonant Triads. Marks, Signs, and Words of Expression and Speed; Abbreviations and Embellishments in common use.

Fee, 10s. 6d.

Last day of entry, 2nd May.

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# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1907.

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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 1906.

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To His Excellency Sir George Ruthven Le Hunte, K.C.M.G.,  
Governor in and over the State of South Australia and its  
Dependencies in the Commonwealth of Australia.

The Council of the University of Adelaide have the honour to  
present to your Excellency the following Report of the Proceed-  
ings of the University during the year 1906.

## I. THE COUNCIL AND SENATE.

### THE VICE-CHANCELLOR.

William Barlow, B.A., LL.D., was elected Vice-Chancellor for  
the fourth time on the 30th November.

### THE COUNCIL.

In November

William Barlow, B.A., LL.D.

Professor William Henry Bragg, M.A.

Professor John Matthew Ennis, Mus. Doc.

Rev. David Paton, M.A., D.D.

Benjamin Poulton, M.D.

in conformity with the provisions of the University Act, ceased to  
hold office as members of the Council, but on the 28th November  
the Senate re-elected them.

The Senate on the 28th November re-elected Frederic Chapple,  
B.A., B.Sc., to be Warden, and Thomas Ainslie Caterer, B.A.,  
Clerk of the Senate.

## II. THE OFFICERS.

William Jethro Brown, M.A., LL.D., Cantab., LL.D. and D. Litt.,  
Dublin, appointed to the Professorship of Law rendered vacant by  
the resignation of Professor Salmond, entered upon his office at  
the beginning of the second term. The work of the first term  
was carried on by Lecturers.

The undermentioned gentlemen have been appointed Lecturers  
in the Law School :—

W. J. Isbister, LL.B.—Law of Property, Part II.

P. E. Johnstone, B.A., LL.B.—Law of Contracts and Com-  
mercial Law.

E. E. Cleland, LL.B.—Law of Wrongs.

F. A. d'Arenberg, M.A.—Law of Evidence and Procedure.

In January, Professor Bensly, Hughes Professor of Classics and Comparative Philology and Literature, after ten years of most valuable service resigned his position, and Mr. H. S. Dettmann, M.A., B.C.L., Oxon., was appointed Acting-Professor for the year 1906, in his stead. In May, Henry Darnley Naylor, M.A., Cantab., was appointed to the chair, to enter upon office in February, 1907.

Early in the year Dr. W. Anstey Giles resigned his position as Lecturer on Otology, and the Council appointed George Alfred Fischer, B.A., M.B., B.S.

At the end of the year Mr. Hermann Kugelberg, who had been teacher of the violoncello and of ensemble playing for eight years in the Elder Conservatorium, ceased to occupy that position, and the Council have appointed Mr. Harold Parsons in his stead.

### III. ADMISSION TO DEGREES.

At the Commemoration held on the 17th December, the following undergraduates were admitted to Degrees:—

#### LAW.

##### *To the Degree of Bachelor of Laws :*

Doudy, Cecil Roy  
 Jessop, Charles Lewis  
 Kelly, Francis  
 MacLennan, James Sydney Kilcoy  
 Rudall, Reginald John.

#### MEDICINE.

##### *To the Degrees of Bachelor of Medicine and Bachelor of Surgery :*

Griffiths, Ernest William  
 Lewis, Eric Henry  
 McAree, Francis Edward  
 Pellew, Leonard James  
 Plummer, Rex Garnet  
 Ray, William.

#### ARTS.

##### *To the Honours Degree of Master of Arts :*

Cowperthwaite, Elsie Eleanor, B.A.

##### *To the Ordinary Degree of Master of Arts:*

Poole, Dorothea Landon, B.A.

*To the Honours Degree of Bachelor of Arts :*

## CLASSICS.

Langman, Mary Lillecrapp  
Williams, Mabel Evangeline.

*To the Ordinary Degree of Bachelor of Arts :*

Campbell, Gordon Cathcart  
Comley, Charles Herbert  
Davis, David  
Farsky, Hilda Gesina Franziska  
Gardner, Edith Josephine  
Holder, Sophia Ellen  
Mitchell, Percival Harris  
Patchell, Mary Emma  
Pitt, Arthur William  
Proud, Emily Dorothea  
Woolnough, Harold  
Wright, George Herbert.

## SCIENCE.

*To the Honours Degree of Bachelor of Science :*

## PHYSIOLOGY.

Jona, Judah Leon

## GEOLOGY.

Comley, Charles Herbert.

*To the Ordinary Degree of Bachelor of Science, Applied  
Science Course :*

Bowen, Harold Charles  
Greenway, Harold  
Rennie, Edward James Cadell  
Smith, Harold Whitmore  
Stuckey, Vivian Charles.

*To the Ordinary Degree of Bachelor of Science :*

Thomson, James Simpson.



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

## ARTS.

Dettmann, Herbert Stanley, M.A., University of Oxford  
 Jose, George Herbert, M.A., University of Oxford  
 Thomas, Right Rev. Arthur Nutter, M.A., University of Cambridge  
 Tolley, Frank Gordon, M.A., University of Cambridge  
 Naylor, Henry Darnley, M.A., University of Cambridge  
 Coghill, Donald Murray Robertson, M.A., University of Melbourne.  
 Brown, Frederick George, B.A., University of London.

## LAW.

Brown, William Jethro, LL.D., University of Cambridge.

## MEDICINE.

Sandison, Alexander, M.B., University of Edinburgh  
 Makin, Frank Humphrey, M.B., University of Melbourne.

## • SCIENCE, B.SC. DEGREE.

Ledger, William Henry, Bachelor of Engineering,  
 University of Sydney.

The undermentioned graduates in Science were granted the Diploma in Mining Engineering and Metallurgy, and in Electrical Engineering:—

*Mining and Metallurgy*

Hooper, Charles William, B.Sc.  
 Martin, Victor Garfield, B.Sc.

*Electrical Engineering, Applied Science Course.*

Smith, Harold Whitmore

## MUSIC.

*To the Degree of Bachelor of Music:*

Gardner, George Gavin Forrest.

The undermentioned students were granted Advanced Commercial Certificates:—

Harrison, William Frank  
 Kleemann, Theodore Richard  
 Menkens, Frank Hermann  
 Messent, Albert Edward  
 Muir, Thomas Grieve  
 Thomas, Harold Clarke

The Joseph Fisher Medal was presented to the undermentioned, who have completed the Advanced Commercial Course :—

Robertson, John George, 1904  
Annells, Herbert Edward, 1905.

The Medal for 1906 was awarded to

Thomas, Harold Clarke.

The Diploma of Associate in Music was conferred upon the undermentioned candidates on the 3rd December :—

Cox, Leila Isabel  
Edwards, Gladys Ruby  
Jacob, Dorothea Violet.

#### IV. STATUTES AND REGULATIONS.

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

##### STATUTES.

Chapter XVII. "Of Conduct at Examinations," repealed and new Chapter substituted.

Clause 3 of Chapter XIII. "Of the Angas Engineering Scholarship and the Angas Engineering Exhibition," repealed and new Clause substituted.

##### REGULATIONS.

Regulations VI., IX., X., XIV., XV., and XVII. "Of the Degree of Bachelor of Laws, and of the Final Certificate in Law," repealed and new Regulations substituted.

Regulations I. and V. "Of the Degree of Doctor of Medicine," repealed and new Regulations substituted.

Regulations "Of the Degree of Master of Surgery," repealed and new Regulations substituted.

Regulation III. "Of the Degree of Bachelor of Arts," repealed and new Regulation substituted.

Clause (b) Regulation IV. "Of the Degree of Bachelor of Science," repealed and new Clause (b) substituted.

Regulations for the "Diploma of Associate in Music," repealed and new Regulations substituted.

Regulations I., II., and V. "Of the Senior Public Examinations," repealed and new Regulations substituted.

Regulations I. and V. "Of the Junior Public Examinations," repealed and new Regulations substituted.

Regulations "Of the Public Examinations in Theory of Music," repealed and new Regulations for "Examinations in Theory and Practice of Music" substituted.

Regulations "Of the Junior Commercial Examination," repealed and new Regulations substituted.

Regulations for the "Senior Commercial Examinations" made.

#### V. NUMBER OF STUDENTS.

The number of undergraduates was 409. In addition, various lectures of the B.A., B.Sc., and LL.B. courses, or of the Advanced Commercial course, were attended by 217 non-graduating students. Of these, 51 attended from the School of Mines and 25 from the Pharmaceutical Society.

#### VI. FACULTY OF LAWS.

The number of undergraduates studying for the LL.B. Degree was 37, and, in addition, 7 non-graduating students were preparing for Final Certificates in Law, to enable them to practise in the Supreme Court.

Four students commenced the course for the LL.B. Degree, and 3 the Final Certificate course.

Stow Prizes were awarded to Marmion Matthews Bray, Walter Vernon Ray, and Reginald John Rudall.

#### VII. FACULTY OF MEDICINE.

The number of undergraduates studying for the M.B. Degree was 59.

Eleven students commenced the course for the M.B. Degree.

Fourteen completed the first year's course, 8 the second, 12 the third, 7 the fourth, and 6 the fifth.

Elder Prizes were awarded to William Malcolm Sinclair, a student of the first year, and Mary Johanna Alberta Theodora Delprat, a student of the second year.

The Dr. Davies-Thomas Scholarships were awarded to Henry Kenneth Fry, B.Sc., a student of the third year, and to Lionel Oxborrow Betts, a student of the fourth year.

The Everard Scholarship was awarded to William Ray.

Arthur Murray Cudmore, M.B., B.S., F.R.C.S., Rupert Walter Hornabrook, M.B., B.S., and Edward Angas Johnson, M.D., were appointed Demonstrators in Anatomy.

#### VIII. FACULTY OF ARTS.

The number of undergraduates studying for the B.A. Degree was 238, including 13 evening scholars.

Forty-seven students commenced the course for the B.A. Degree.

The John Howard Clark Scholarship for proficiency in English Language and Literature was awarded to Arthur Benjamin Ellis.

The Roby Fletcher Prize for Logic and Psychology was awarded to Harold Woolnough, ; *proxime accessit*, Annie Louisa Virginia Trehy, B.Sc.

#### IX. FACULTY OF SCIENCE.

The number of undergraduates studying for the B.Sc. Degree was 65, including 5 evening scholars.

Fourteen students commenced the course for the B.Sc. Degree.

#### X. FACULTY OF MUSIC.

The number of undergraduates studying for the Mus. Bac. Degree was 11. Five students commenced the course.

At a Supplementary examination in March, one student completed the first year's course. In November, 3 students completed the second year's course.

One student passed the final examination for the Degree of Bachelor of Music.

#### XI. ELDER CONSERVATORIUM OF MUSIC.

The number of students attending the Conservatorium during the year was 358.

Elder Scholarships at the Conservatorium were awarded to:—

Gardner, George Gavin Forrest for Composition.

Hine, Clytie May for Singing.

Kennedy, Daisy Fowler for Violin.

The following awards of Prizes were made :—

The Oratorio Prize—Kemp, Marion Kirkwood, A.M.U.A.

The Brookman Prize—Roach, Mary Moyle.

The Frederick Bevan Prize—Cox, Leila Isabel.

The Ennis Prize—Martin, Elizabeth Jean.

The Robert Whinham Prize for Elocution—Lucas, Lillian ;  
*proxime accessit*, Dunstan, Agnes Mildred.

## XII. EVENING CLASSES.

Evening Classes were held in the following subjects :—Physics Part I. and Part II., Inorganic Chemistry, Organic Chemistry (Practical), Electrical Engineering Part III., German (First Year and Second Year), English Literature, Latin, Psychology, Ethics, Education, Pure Mathematics (Second Year and Third Year), Biology, Accountancy, Business Practice, Banking and Exchange, Commercial Geography, Commercial Law, and Microscopical Technique.

## XIII. PUBLIC EXAMINATIONS IN GENERAL EDUCATION.

At the Special Senior Examination in March, 48 candidates presented themselves, and 34 passed in various subjects.

At the Primary Examination there were 981 candidates, of whom 503 received certificates ; at the Junior Examination 716 candidates, of whom 339 obtained certificates and 332 passed in fewer than five subjects ; at the Senior Examination in November 468 candidates, of whom 150 obtained certificates and 224 passed in fewer than five subjects ; at the Higher Examination, 114 candidates, of whom 96 passed in various subjects.

The Theory of Music has been added to the subjects of the Junior and Senior Examinations.

## XIV. PUBLIC EXAMINATIONS IN MUSIC.

### THEORY OF MUSIC.

In the Primary Division 133 candidates presented themselves, and 126 passed. In the Junior Division 102 candidates presented themselves ; 78 gained First Class Certificates, and 18 Second Class Certificates. In the Senior Division 37 candidates presented themselves ; 4 gained First Class Certificates, and 26 Second Class Certificates.

## RUDIMENTS AND PRACTICE OF MUSIC.

In November and December, in accordance with the agreement with the Associated Board of the Royal Academy of Music and the Royal College of Music, London, Mr. P. H. Miles, the Examiner of the Associated Board, conducted the examinations in the Practice of Music. The results were as follows:—

## SOUTH AUSTRALIA.

## RUDIMENTS OF MUSIC.

Sixty-nine candidates presented themselves, of whom 42 passed.

## SCHOOLS' EXAMINATIONS.

In the Primary Division 168 entered, and 162 passed. In the Elementary 182 entered, and 171 passed. In the Lower and Higher Divisions 289 entered, and 255 passed.

## LOCAL CENTRE EXAMINATIONS.

In the Intermediate Grade 84 entered, and 63 passed, of whom 4 obtained Honours.

In the Advanced Grade 73 entered, and 62 passed, of whom 12 obtained Honours.

The Associated Board's gold medal for the highest number of marks obtained in the examination was awarded to Otilie Clare Ufindell, and the silver medal for the next highest number of marks was awarded to Lurline Olivette Steele, in the Advanced Grade. No medals were awarded in the Intermediate Grade.

One candidate presented herself for the final Teachers' examination but failed to pass.

## WESTERN AUSTRALIA.

## RUDIMENTS OF MUSIC.

Twenty-four candidates entered, of whom 18 passed.

## PRACTICE OF MUSIC.

Examinations were held in July and August at Perth and other centres. In the Schools' Examinations 203 entered, and 164 passed. In the Local Centre Examinations, 15 entered in the Intermediate Grade and 11 passed, of whom 2 obtained Honours. In the Advanced Grade 16 entered, and 13 passed, of whom 2 obtained Honours.

Five candidates entered for the final Teachers' examination and 4 passed.

The agreement with the Associated Board expired by effluxion of time on the 31st December, 1906, and a new system of University Examinations in Music has been instituted.

The subject of Public Examinations in Music was one of the most prominent matters discussed at a Conference of Representatives of the Universities of Australia and New Zealand, held on April 25, 1906, in connection with the Jubilee celebrations of the University of Melbourne, and the following Resolution was carried unanimously:—

“That co-operation between the Universities of the Commonwealth and New Zealand in the conduct of Public Examinations in Music is desirable, such co-operation to be on the general lines of the proposed Agreement between the Universities of Melbourne and Adelaide adopted at a Conference held in Melbourne on April 23rd.”

The Councils of the Universities of Melbourne and Adelaide, in which alone Chairs of Music exist, have agreed upon a joint scheme for the purpose of Public Examinations in Music. The joint scheme will come into operation during the year 1907, and will, it is hoped, be the precursor of the more comprehensive scheme mentioned in the foregoing Resolution.

#### XV. REPRESENTATION OF THE UNIVERSITY ON THE BOARD OF GOVERNORS OF THE PUBLIC LIBRARY, MUSEUM, AND ART GALLERY.

In October the Rev. David Paton, M.A., D.D., and Professor George Cockburn Henderson, M.A., were re-elected to represent the University on the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia.

#### XVI. REPRESENTATION OF THE UNIVERSITY ON THE BOARD OF MANAGEMENT OF THE ADELAIDE HOSPITAL.

William Thornborough Hayward, M.R.C.S., was re-elected to represent the University on the Board of Management of the Adelaide Hospital.

#### XVII. ANGAS ENGINEERING EXHIBITION, HARTLEY STUDENTSHIP, AND UNIVERSITY SCHOLARSHIPS.

The Angas Engineering Exhibition was awarded to Robert Hall Chapman, and the Hartley Studentship to Angus Salier Ferguson.

## UNIVERSITY SCHOLARSHIPS.

Under the Education Department Regulations of 1893 the following recommendations for Entrance Scholarships were made for the year 1907 on the results of the Higher Public Examination in November:—Cyril Michael Ward, Cecil Thomas Madigan, and Valesca Leonore Olive Reimann.

## EVENING SCHOLARSHIPS.

Under the same Regulations the following awards were made for 1906:—Angwin, William Britton; Arthur, John Andrew; Bagot, Edward Meade; Blacket, John Wesley; Clark, Percy John; Davis, David; Deeney, John Chrysostom; Dumas, Russell John; George, Hilda Constance; Hübbe, Edith Ulrica; Jacob, Margaret; Kain, Arthur Edwardes; Lundberg, Carl Oscar; Smith, Dora; Stevens, Lillian Mary Theakstone; Stevens, Susan Francis Gwendoline, Thomas, Frank Emerson; Whitfield, Charles John.

## XVIII. COMMERCIAL EDUCATION.

The Commercial Classes were well attended. Courses of Lectures on Commercial Law, Accountancy, Banking and Exchange, Commercial Geography, and Business Practice were provided.

In accordance with the provision of the Fisher Statutes, that in every alternate year a Lecture, to be called the Joseph Fisher Lecture, on some subject of Commerce, shall be delivered at the University and subsequently be published, Mr. L. A. Jessop delivered in May the second Lecture in the Elder Hall, in the presence of a numerous audience. The Lecture has since been published. The subject was "Commercial Character."

The Chamber of Commerce gave their third donation of £25 in furtherance of Commercial Education.

The President of the Chamber of Commerce was made a member of the Board of Commercial Studies *ex officio*.

Special classes in Microscopical Technique were held, and well attended. Provision was made for other classes, if required, in 1907.

During the year students attended lectures and passed examinations as follows:—

Commercial Law, 17 attended lectures and 9 passed.

Commercial Geography, 30 attended lectures and 20 passed.

Business Practice, 13 attended lectures and 7 passed.

Banking and Exchange, 42 attended lectures and 28 passed.

Accountancy, 42 attended lectures.



Six students completed the course for the Advanced Commercial Certificate.

At the Junior Commercial Examination in December, 61 candidates presented themselves, of whom 21 obtained certificates.

Regulations providing for a Senior Commercial Examination have been made and will come into operation in 1907.

#### XIX. DENTAL CLASSES.

During the year elementary classes in certain subjects for apprentices in Dentistry were held, and three students attended.

#### XX. EXTENSION LECTURES.

During the year the following courses of Extension Lectures were given at the University:—

Three Lectures on "Poets of the Nineteenth Century: Wordsworth, Tennyson, and Browning," by Professor Henderson; two Lectures on "Radio-activity," by Professor Bragg; and three Lectures on "Classical and Romantic Drama," by Acting-Professor Dettmann.

Professor Henderson repeated his course at Glenelg and at Mount Barker, and gave one Lecture at Port Pirie. Professor Bragg gave one Lecture at Moonta.

During the first vacation Professor Henderson delivered in Western Australia a course of Six Lectures on "Leaders of the Puritan Age," and "Poets of the Nineteenth Century."

Some at least of the following courses will be given at the University in 1907:—Two Lectures on "Low Temperatures," by Professor Rennie; three Lectures on "Famous Men of Science," by Professor Bragg; three Lectures on "Hamlet," by Professor Henderson; and three Lectures on "The Underlying Principles of Legislation," by Professor Jethro Brown.

#### XXI. INVITATIONS TO CONGRESSES AND CELEBRATIONS.

1. During the year the Council received an invitation to send a representative to the Quartercentenary Celebrations of the University of Aberdeen. Professor Mitchell, M.A., D.Sc., attended as the representative of the University of Adelaide.

2. The celebrations in April in connection with the Jubilee of the University of Melbourne were most successful. Professor Rennie attended as the official representative of this University. Several other members of the Council and Staff also attended.

At each celebration a congratulatory address was presented by the University of Adelaide.

#### XXII. SCIENCE RESEARCH SCHOLARSHIP.

The Royal Commissioners of the Exhibition of 1851 have invited the Council to nominate a Bursar or a Scholar for the year 1907.

#### XXIII. TATE MEMORIAL MEDAL.

The Tate Medal for the best original work on the Geology, Palæontology, or Mineralogy of any part of Australia, was not awarded.

#### XXIV. UNIVERSITY LIBRARY.

Valuable additions were made to the Library during the year. It now contains about 19,000 volumes.

#### XXV. UNIVERSITY EXTENSION.

During the year permanent Centres for the University Public Examinations were formed at Mount Barker, Gawler, Burra Burra, Kapunda, and Petersburg.

#### XXVI. STATUE OF SIR W. W. HUGHES.

The memory of Sir Walter Watson Hughes, one of the founders of the University, has been honoured by the erection of a statue in bronze. The statue was presented by the Hon. J. J. Duncan, M.L.C., and the late Mr. W. H. Duncan, M.P., nephews of the benefactor, and was unveiled on the 28th November by Mrs. Duncan, the widow of the last-named.

While the arrangements for the erection of this statue were in progress, the whole front boundary of the University land was advanced several feet, by the generosity of the State Government. The opportunity was taken to make the handsome stone and iron fence uniform along the whole boundary, the cost being generously borne by the Messrs. Duncan and an anonymous donor.

#### XXVII. PRESENTATION OF HERBARIUM TO THE UNIVERSITY.

Through the instrumentality of Dr. Rogers the Government have purchased, and presented to the University, an extensive Herbarium formed by Mr. Oscar Menzel. It comprises several thousand specimens, for the greater part representative of the Australian Flora, and may be regarded as a very valuable addition to the existing Herbarium formed by the late Professor Tate.

Before, however, the collection can be made available to botanical students for reference and study, it will require considerable expenditure in the direction of preparation, classification, arrangement, and increased provision for its proper accommodation.

#### XXVIII. RECOGNITION BY THE INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

The Institute of Chemistry of Great Britain and Ireland has decided, on certain conditions, to place the University of Adelaide on the list of institutions recognised for the training of candidates for the examinations of the Institute.

#### XXIX. PUBLIC SERVICE EXAMINATIONS OF WESTERN AUSTRALIA.

At the request of the Government, examinations for the Clerical Division of the Public Service of Western Australia were held in August last, under the auspices of the Public Examinations Board.

#### XXX. EXAMINATIONS AND THE EXHIBITION BUILDING.

The Minister of Education again granted 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.

#### XXXI. DONATION FROM PHARMACEUTICAL SOCIETY.

The Pharmaceutical Society of South Australia, in accordance with the intimation made last year, forwarded a second donation of seven guineas to be applied to any purpose the Council might deem desirable.

#### XXXII. ACCOUNTS.

An abstract, duly audited, of the income and expenditure during the year 1906, 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 1906.

Signed on behalf of the Council,

S. J. WAY,

Chancellor.

Adelaide, January, 1907

Financial Statements,

1906.

## THE UNIVERSITY

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

	£	s.	d.	£	s.	d.
<i>Balances—</i>						
In Bank of Adelaide on 1st January, 1906 (Current Account) ... ..	24	17	2			
In hands of Agent-General on 1st January, 1906	125	5	1			
In hands of Accountant ... ..	25	0	0			
				175	2	3
<i>Income—</i>						
H.M. Government subsidy on endowments ...				6,814	12	6
<i>FEES:—</i>						
Schools of Arts and Science Schools, including Evening Classes and Public Examinations ...	3,576	6	1			
Law School ... ..		653	12	6		
Medical School ... ..	1,750	1	6			
School of Music:						
Mus. Bac. Course and Public Ex- aminations ... ..	1,313	8	0			
Elder Conservatorium ... ..	2,775	3	9			
Concerts ... ..	96	8	0			
	4,184	19	9			
Advanced Commercial Certificate Course	249	7	0			
				10,414	6	10
<i>Interest—</i>						
Accrued due to date ... ..	3,679	16	9			
Less outstanding, &c. ... ..	206	19	3			
				3,472	17	6
<i>Rent—</i>						
Accrued due to date ... ..	2,637	8	7			
Less: Outstanding ... ..	1,083	12	9			
				1,553	15	10

Forward

£22,430 14 11

OF ADELAIDE.

December, 1906, furnished in compliance with the 18th Section of Act 37 No. 20 of 1874.

<i>Expenditure.</i>	£	s.	d.	£	s.	d.
<i>Arts and Science Schools—</i>						
Salaries ... ..	6,044	4	5			
<i>Other Expenses—</i>						
Additional Examiners, Supervisors, Examination Papers, Printing, &c., for Degree and Public Examinations ... ..	1,212	5	4			
Lecture Fees to School of Mines ... ..	131	14	2			
Fees to School of Design ... ..	14	5	0			
Fees to Agricultural College ... ..	26	0	0			
Physical Laboratory ... ..	158	10	10			
Chemical Laboratory ... ..	98	8	2			
Engineering Department ... ..	8	5	2			
Geological Laboratory ... ..	19	0	0			
Expenses Local Centres ... ..	1	6	2			
				7,713	19	3
<i>Law School—</i>						
Salaries ... ..	865	7	6			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, &c. ... ..	48	19	9			
				914	7	3
<i>Medical School—</i>						
Salaries ... ..	2,804	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Examination Papers, Printing, &c. ... ..	46	16	1			
Anatomical Department ... ..	90	3	1			
Physiological Laboratory ... ..	26	10	2			
				2,967	9	4
<i>School of Music—</i>						
Mus. Bac. Course and Public Examinations. Salaries... ..	600	0	0			
<i>Other Expenses—</i>						
Additional Examiners, Printing, Examination Papers, &c. ... ..	65	16	11			
Sundries and Expenses Local Centres ... ..	120	8	11			
Associated Board R.A.M. and R.C.M. ... ..	585	6	0			
				771	11	10
				1,371	11	10
<i>Elder Conservatorium—</i>						
Salaries ... ..	3,491	4	5			
<i>Other Expenses</i>						
Concert Account ... ..	59	7	7			
Advertising, Printing, Tuning, Gas, Telephone, and Sundries ... ..	170	17	3			
Orchestra ... ..	128	6	0			
				3,849	15	3
				5,221	7	1
Forward				£16,817	2	11

	Brought forward	£	s.	d.
<i>Calendar—</i>		22,430	14	11
Received on sale of Calendars ...			59	18 10
<i>Geo. Brookman, Esq.—</i>				
The "Brookman Prize," 1905 and 1906 ...			10	10 0
<i>F. G. Tolley, Esq.—</i>				
The "Oratorio Prize" ...			5	5 0
<i>Frederick Bevan, Esq.—</i>				
The "Frederick Bevan Prize" ...			5	5 0
<i>Professor Ennis—</i>				
The "Ennis" Prize ...			5	5 0
Extension Lecture Fees ...			139	12 5
<i>Donations Advanced Commercial Course—</i>				
Chamber of Commerce ...			25	0 0
Donation by Pharmaceutical Society of South Australia ...			7	7 0
Donation for Herbarium ...			4	10 0

						£	s.	d.	£	s.	d.
Brought Forward									16,817	2	11
<i>Advanced Commercial Course—</i>											
	Honoraria to Lecturers	...	...	...	...	231	12	2			
	Printing, &c.	...	...	...	...	15	8	6			
						<hr/>			247	0	8
<i>Angas Engineering Scholarship—</i>											
	Remitted to Agent General	...	...	...	...				100	0	0
<i>Angas Engineering Exhibition—</i>											
	Paid Exhibitors	...	...	...	...	180	0	0			
	Printing	...	...	...	...	3	9	3			
						<hr/>			183	9	3
<i>J. H. Clark Scholarship—</i>											
	Paid Scholars	...	...	...	...				40	0	0
<i>Dr. Davies Thomas Scholarship—</i>											
	Paid Scholar	...	...	...	...				20	0	0
<i>Roby Fletcher Prizes—</i>											
	Paid Prize	...	...	...	...				10	0	0
<i>Stow Prizes—</i>											
	Paid Prizemen	...	...	...	...				45	0	0
<i>Elder Prizes—</i>											
	Paid Prizemen	...	...	...	...				20	0	0
<i>Everard Scholarship—</i>											
	Paid Scholar	...	...	...	...				50	0	0
<i>The Brookman Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>Oratorio Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Bevan Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Ennis Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Robert Whinham Prize</i>											
		...	...	...	...				5	0	0
<i>The Tennyson Medals—</i>											
	Medals and Engraving	...	...	...	...				3	13	6
<i>Registrar's Department and House Salaries</i>											
		...	...	...	...				1,263	19	10
<i>Senate</i>											
		...	...	...	...				70	1	6
<i>Stationery</i>											
		...	...	...	...				101	11	6
<i>Buildings—Repairs and Additions</i>											
		...	...	...	...				133	2	5
<i>Land Tax</i>											
		...	...	...	...				304	12	10
									<hr/>		
						Forward			£19,435	14	5



Brought forward	£	s.	d.
	£22,684	8	2

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£22,684 8 2

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F. W. EARDLEY,  
Accountant.

25th January, 1907.

	Forward	£	s.	d.
		£19,435	14	5
<i>Miscellaneous Expenses—</i>				
Advertising, Printing, Gas, Water, House Sundries, Auditors' Fees, Insurance, Petty Cash, &c. ... ..			543	14 9
<i>Interest—</i>				
Interest on Temporary Advances ... ..			421	17 0
<i>Calendar—</i>				
Printing ... ..			156	4 5
<i>Extension Lectures—</i>				
Fees to Lecturers and Expenses ... ..			81	13 9
<i>Joseph Fisher Lecture—</i>				
Printing and Lecturer's Fee ... ..	27	4	10	
Medals and Die ... ..	69	1	6	
			96	6 4
<i>Amount Applied to Capital Expenditure, etc.</i> ..			1,786	8 10
<i>Balances—</i>				
In hands of Agent-General ... ..	126	15	0	
In Bank of Adelaide (Current Account) .. ..	£103	6	0	
Less cheques outstanding	92	12	4	
			10	13 8
In hands of the Accountant ... ..			25	0 0
			162	8 8

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£22,684 8 2

We report that we have duly audited the various Books of Accounts 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, 1906, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

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

Adelaide, 25th January, 1907.

## THE UNIVERSITY

## 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			
Evening Classes ... ..	1,220	0	0			
Everard Scholarship ... ..	1,000	0	0			
J. Fisher, Esq. (Commercial Education) ... ..	1,000	0	0			
Dr. Charles Gosse Lectureship ... ..	800	0	0			
Hartley Studentship ... ..	600	0	0			
Private Contributions ... ..	600	3	0			
Stow Prizes and Scholarship ... ..	500	0	0			
John Howard Clark Scholarship ... ..	500	0	0			
The Dr. E. W. Way Lectureship on Gynaecology	473	1	3			
The Dr. Davies-Thomas Scholarship ... ..	400	0	0			
Roby-Fletcher Scholarship ... ..	160	0	0			
St. Alban Scholarship ... ..	150	0	0			
S.A. Commercial Travellers' Association Scholarship ... ..	150	0	0			
The Tennyson Medals ... ..	100	0	0			
The Robert Whinham Prize ... ..	84	9	6			
The Tate Memorial Medal ... ..	60	0	0			
				107,797	13	9
<i>General Purposes—</i>						
Sir T. Elder (Endowment) ... ..	25,000	0	0			
Temporary Advances ... ..	12,150	14	3			
Contributed from Income ... ..	6,100	13	5			
				43,251	7	8
<b>LAND ENDOWMENT—</b>						
Grant from H. M. Government ... ..	55,000	0	0			
Contributed from Income (net) ... ..	3,077	16	3			
<b>SPECIAL DONATIONS FOR FENCE—</b>						
R. Barr Smith, Esq. ... ..	400	0	0			
Hon. J. J. Duncan } ... ..	250	0	0			
W. H. Duncan, Esq. } ... ..						
				58,727	16	3
<b>BUILDINGS (UNIVERSITY)—</b>						
Contributed by H. M. Government ... ..	18,014	0	0			
Contributed by Private Donations ... ..	1,890	5	0			
Contributed from Income ... ..	19,209	9	8			
				39,113	14	8
<b>SPECIAL ENDOWMENT—BARR SMITH LIBRARY—</b>						
Donations from R. Barr Smith, Esq. ... ..	7,500	0	0			
Interest thereon ... ..	105	19	11			
				7,605	19	11
<b>CONTRIBUTED OUT OF INCOME towards the</b>						
Equipment, &c., of the University ... ..	13,943	2	2			
Special Donation by R. Barr Smith, Esq., for Apparatus ... ..	510	0	0			
				14,453	2	2
				£270,949	14	5

F. W. EARDLEY,  
Accountant.

## OF ADELAIDE.

*in respect to Capital as on 31st December, 1906.*

	£	s.	d.	£	s.	d.
<b>INVESTMENTS—</b>						
On Mortgage and in Land ... ..	7,770	18	10			
At English, Scottish, & Australian Bank, Limited ... ..	9,345	0	0			
In State Bank of S.A., Mortgage Bonds (at cost) ... ..	8,318	0	0			
In S.A. Consolidated Stock of H.M. Govern- ment of S.A., (at cost) ... ..	81,363	14	11			
W.A. Inscribed Stock ... ..	1,000	0	0			
				107,797	13	9
<i>General Purposes—</i>						
Elder Conservatorium Building ... ..	18,780	5	8			
Prince of Wales Building ... ..	11,055	14	3			
Elder Anatomical Building ... ..	5,814	2	8			
S.A. Consolidated Stock (at cost) ... ..	7,601	5	1			
				43,251	7	8
<b>LAND ACCOUNT—</b>						
Original value of Land granted by H.M. Government. Balance ... ..	54,896	6	3			
Paid to H.M. Government for value of Improvements thereon ... ..	2,879	15	1			
Improvements to University Site ... ..	931	8	6			
Balance unexpended .. ..	20	6	5			
				58,727	16	3
<b>BUILDINGS—</b>						
Expended on University Buildings ... ..				39,113	14	8
<b>SPECIAL ENDOWMENT—Barr Smith Library—</b>						
Books purchased ... ..	7,305	4	8			
Balance unexpended ... ..	300	15	3			
				7,605	19	11
<b>EQUIPMENT—</b>						
Library Books and Binding ... ..	4,477	1	8			
Laboratories, Material and Apparatus, and unconsumed material ... ..	4,046	18	11			
Museum Exhibits, &c. ... ..	305	19	3			
Furniture ... ..	3,263	7	6			
Organ—Conservatorium ... ..	1,541	10	11			
Installation of Electric Light ... ..	318	3	11			
Special Donation : Expended on Apparatus	500	0	0			
				14,453	2	2
				£270,949	14	5

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, 1906, and have compared the same with the entries in the various Books of Accounts and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest accrued due to and by the University and unpaid on the said 31st day of December, 1906. 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, 30th January, 1907.



**B**

## STATEMENT OF CAPITAL MONEYS RECEIVED AND OF INVESTMENTS DURING 1906.

RECEIVED—	£	s.	d.	EXPENDED—	£	s.	d.
Sundry Credit Balances, including contribution				Barr-Smith Library: Expended on Books			
from Income ... ..	1,786	8	10	during Year ... ..	199	15	9
Donation Barr Smith Library ... ..	500	0	0	Equipment, &c. ... ..	352	0	7
Sale of Portion of Bartagunyah Estate ...	1,151	13	0	Repaid on account of Sundry Advances ..	2,933	17	6
Sundry Donations, etc. ... ..	47	12	0				
	£3,485	13	10		£3,485	13	10

F. W. EARDLEY,  
Accountant

25th January, 1907.

THE UNIVERSITY OF ADELAIDE.

PASS LISTS, 1906.

**EXAMINATIONS HELD IN MARCH.**

**SUPPLEMENTARY EXAMINATION FOR THE DEGREES OF  
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY—  
MARCH, 1906.**

FIRST YEAR.

**Anatomy.**

Trüdinger, Ronald.

**Biology.**

McGlasham, John Eric.

**Physics.**

Poole, Frederic St. John.

} Thus completing  
the First Year.

SECOND YEAR.

**Physiology.**

None.

THIRD YEAR.

**Materia Medica.**

Jeffries, Lewis Wibmer.

Thus completing the Third Year.

**EXAMINATION FOR THE DEGREE OF BACHELOR  
OF LAWS—MARCH, 1906.**

(In order of merit).

**Property—Part I.**

FIRST CLASS.

Wallmann, Reginald Horton.

SECOND CLASS.

Smith, Francis Villeneuve.  
Owen, William Frederick.

## PASS LISTS.

## THIRD CLASS.

Penny, Bertram Stephens.

**Property—Part II.**

## THIRD CLASS.

Denny, William Joseph.  
Jessop, Charles Lewis.

**Contracts.**

## THIRD CLASS.

Davison, John Hubert Hawdon.  
Mackenzie, Charles Norman.

**Constitutional Law.**

## SECOND CLASS.

Henderson, William.  
Muirhead, Henry Mortimer.

## THIRD CLASS.

Haslam, Leslie Horrocks.

**Law of Wrongs.**

## SECOND CLASS.

Henderson, William.  
Owen, William Frederick.

## THIRD CLASS.

Wallmann, Reginald Horton.  
Bakewell, William Kenneth.

**APPLIED SCIENCE—SUPPLEMENTARY EXAMINATION.  
MARCH, 1906.**

**Assaying—Part I.**

## PASSED.

Martin, Victor Garfield.

**SUPPLEMENTARY EXAMINATION FOR THE MUS. BAC.  
DEGREE—MARCH, 1906.**

## FIRST YEAR.

**Harmony.**

Taylor, Gladys.

Thus completing the First Year.



**DEGREE EXAMINATIONS.**

The following students passed in subjects of the Courses for the Ordinary Degree of Bachelor of Arts or Bachelor of Science or the Applied Science Course, at the annual examination in November, 1906 :—

**1. Greek.**

FIRST CLASS.

Davis, David.

SECOND CLASS.

None.

THIRD CLASS.

(In alphabetical order).

Harkness, Robert		Worsnop, Elsie Madeline.
Moncrieff, Josephine Hartley		

**2. Latin.**

FIRST CLASS.

(In order of merit).

Williams, Eirene Mary		Schulz, Adolf John.
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SECOND CLASS.

Ligertwood, George Coutts.

THIRD CLASS.

(In alphabetical order).

Paynter, Ralph Horwood		Worsnop, Elsie Madeline.
Stephens, Lillian Mary Theakston		

**3. French.**

SECOND CLASS.

(In order of merit).

Manning, Arabella Aldersey		Williams, Eirene Mary.
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THIRD CLASS.

(In alphabetical order).

Burgess, Annie Frances		Stephens, Lillian Mary Theakston
Finlayson, Ronald Nickels		

**4. German.**

FIRST CLASS.

None.

## SECOND CLASS.

(In order of merit).

Williams, Eirene Mary | Ligertwood, George Coutts.

**5. English Language and Literature.**

## FIRST CLASS.

Ellis, Arthur Benjamin.

## SECOND CLASS.

(In order of merit).

Bagot, Edward Mead		Hannan, Albert James
Ifould, William Herbert		Page, Albert Edward
Gardner, Mary Beatrice		Woolnough, Harold

## THIRD CLASS.

(In alphabetical order).

Clark, Percy John		Lundberg, Carl Oscar
George, Hilda Constance		Twiss, William Newman
Ingamells, Dora		Verco, Claude Maythorn
Kuchel, Carl Wilhelm August		

Recommended for the John Howard Clark Scholarship—  
Ellis, Arthur Benjamin.

**6. English History.**

## THIRD CLASS.

Riley, Mabel.

**7. Modern European History.**

## FIRST CLASS.

Waterhouse, Lorna Maude	} equal
Richardson, Arnold Edwin Victor	
Davies, Clive Runnalls	
Kleemann, William Hurtle	
Patchell, Mary Emma	
Matheson, Nellie Agnes	
Viney, Horace George.	

## SECOND CLASS.

(In order of merit).

Hosking, Herbert Clifton		Clark, Percy John	} equal
Coles, Mignonette		Hilton, Arthur Robert	
Driscoll, Hilda Marion	} equal	Hoffmeister, Annie Sim	}
Davis, Ernest Samuel		Jackson, Fanny Edith	
Butler, Francis James	} equal	McLeod, Annie	}
Holland, Charlotte Annie		Proud, Emily Dorothea	
Bell, Arthur Hammond	} equal	Oborn, Herbert Russel	}
Burgess, Annie Frances		Nadebaum, Rudolph Oertel	
Thomas, Florence Gwenyth			
Worsnop, Elsie Madeline			

## THIRD CLASS,

(In alphabetical order).

Adams, Albert  
 Ash, Arthur Louis George  
 Barnes, Joseph Thomas  
 Belcher, Stanley Whitbread  
 Bickers, Muriel Beatrix  
 Boerke, Gustav Hermann Gotthold  
 Butterworth, Clarence Roy  
 Caddy, Clarinda May  
 Comley, Edith May  
 Cooke, Isabel  
 Donald, Ann Grace  
 Drummond, Euphemia Gibb  
 Finch, Emily Olive  
 Garton, Mary May  
 Giles, Olive Abbott  
 Gluis, John  
 Higginbottom, Edwin Corlett  
 Hill, Claude Dunleavy

Hill, Muriel  
 Hynes, Patrick Joseph  
 Ingamells, Eric Marleet  
 Loveridge, Lillian Constance  
 Okely, Christopher Carl  
 Pearce, Olive Pellew  
 Pearson, Henry Ernest  
 Pitt, Arthur William  
 Possingham, Alfred Harold  
 Rinder, Alice Maude  
 Salter, Alice Ida Florence  
 Shepherd, John Alfred  
 Stapley, Felix David Dill  
 Stolz, Sabina Bertha  
 Stoward, Hilda Amy  
 Tilley, Edith Louise  
 Wilson, Arthur Percival

**8. Economics.**

## FIRST CLASS.

Edwards, Leslie.

## SECOND CLASS.

None.

## THIRD CLASS.

(In alphabetical order).

MacLennan, James Sydney  
 Nootnagel, Albert Hermann

Polson, George Taylor.

**9a. Psychology.**

## FIRST CLASS.

(In order of merit).

Woolnough, Harold  
 McCarthy, Walter James, B.Sc.  
 Benham, Ellen Ida, B.Sc. } equal  
 Davis, David }  
 Hoffmeister, Annie Sim } equal  
 Richardson, Arnold Edwin Victor }

## SECOND CLASS.

(In order of merit).

Ellis, Annie Rita, B.Sc.	} equal
Trehy, Annie Louisa Virginia, B.Sc.	
Belcher, Stanley Whitbread	} equal
Bell, Arthur Hammond	
Rowe, Edgar Percival	} equal
Browne, Thomas John	
Phillips, Earnest	} equal
Davis, Ernest Samuel	
Robinson, Samuel Foster	} equal
Donald, Ann Grace	
Melbourne, Dugald Archibald	} equal
Oborn, Herbert Russell	
Thomson, Harry	} equal
Foster, Elsie Myra Lilian	
Mead, Lucy Miriam	} equal
Moyes, John Stoward	
Higginbottom, Edwin Corlett	
Davies, Clive Runnalls.	

## THIRD CLASS.

(In alphabetical order).

Adams, Albert	Kleemann, William Hurtle
Arthur, John Andrew	Martin, William Thomas
Barbour, Helen	Matheson, Nellie Agnes
Claughton, Olive Ruby May	Moten, Thomas
Comley, Edith May	Nancarrow, Ewart Henry Beaumont
Donnell, John	Nootnagel, Albert Hermann
Edwards, Rupert Eugene Thomas	Pearce, Olive Pellew
Freeman, Daisy Gwendoline	Rinder, Alice Maude
Ghuis, John	Simpson, Ellen Elsie
Gold, James Stephen	Stevens, Susan Frances Gwendoline
Harkness, Robert	Tilley, Edith Louise
Healy, Catherine	Trüding, Clara
Hill, Muriel	Tweeddale, Robina
Hilton, Arthur Robert	Venn, Dorothy
Jackson, Fanny Edith	Whittington, Arthur Onslow
Kinnish, Mary Tabitha	Wilson, Arthur Percival.

**9b. Logic.**

## FIRST CLASS.

(In order of merit).

Trehy, Annie Louisa Virginia, B.Sc.  
Woolnough, Harold.

## SECOND CLASS.

(In order of merit).

Ligertwood, George Coutts	} equal	Browne, Thomas John	} equal
Moyes, John Stoward		Thomson, Harry	
Viney, Horace George		McLeod, Annie	
		Watson, Percival	

## THIRD CLASS.

(In alphabetical order).

Gardner, Mary Beatrice		Okely, Christopher Carl
Hosking, Herbert Clifton		Rudall, Reginald John.
Mundy, Charles John Woodroffe		

Recommended for the Roby Fletcher Prize—  
Woolnough, Harold.

*Prox. acc.*, Trehy, Annie Louisa Virginia, B.Sc.

**9c. Ethics.**

## FIRST CLASS.

(In order of merit).

Schulz, Adolf John		Loan, Edward Charles.
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## SECOND CLASS.

(In order of merit).

Nadebaum, Rudolph Oertel		Davis, David.
Hill, Hilda Mary		

## THIRD CLASS.

(In alphabetical order).

Campbell, Gordon Cathcart		Saunders, Isabel Mary
Hall, Charles Fishbourne		Stephens, Lillian Mary Theakston
Heyne, Laura Olga Hedwig		

**9d. Philosophy.**

## FIRST CLASS.

Schulz, Adolf John.

## SECOND CLASS.

(In order of merit).

Loan, Edward Charles		Davis, David.
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## THIRD CLASS.

(In alphabetical order).

Gardner, Edith Josephine		Nadebaum, Rudolph Oerte
Hall, Charles Fishbourne		

**9e. Education.**

## FIRST CLASS.

(In order of merit).

Nevin, Thomas	} equal
Giles, Olive Abbott	
Possingham, Alfred Harold	
Butler, Francis James	

## PASS LISTS.

## SECOND CLASS.

(In order of merit).

Viney, Horace George	
Stolz, Sabina Bertha	
McLeod, Annie	
Driscoll, Hilda Marion	
Comley, Edith May	} equal
Finch, Emily Olive	
Okely, Christopher Carl	} equal
Coles, Mignonette	
Hosking, Herbert Clifton	
Loveridge, Lillian Constance	
Ash, Arthur Louis George	

## THIRD CLASS.

(In alphabetical order).

Bickers, Muriel Beatrix	Nancarrow, Ewart Henry Beau-
Cloughton, Olive Ruby May	mont
Davies, Clive Runnalls	Oborn, Herbert Russell
Drummond, Euphemia Gibb	Proud, Emily Dorothea
Fisher, William James	Sharp, William Roy Germein
Garton, Mary May	Shepherd, John Alfred
Kleeman, William Howard	Tilley, Edith Louise
Martin, William Thomas	

**PURE MATHEMATICS—First Year B.A. and  
Compulsory B.Sc.**

## FIRST CLASS.

Higginbottom, Edwin Corlett.

## SECOND CLASS.

(In order of merit).

Tweeddale, Robina	Rinder, Alice Maude
Adams, Albert	Matheson, Nellie Agnes

## THIRD CLASS.

(In alphabetical order).

Beleher, Stanley Whitbread	Hill, Claude Dunleavey
Begg, Reginald Haussen	Stapley, Felix David Dill
Ellis, Arthur Benjamin	Scott, Ronald Melville
Grigson, Edward Charles	Williams, Ralph

**PURE MATHEMATICS—Second Year's Course.**

## FIRST CLASS.

(In order of merit).

Bragg, William Lawrence	} equal	McNamara, Louis Warnecke	} equal
Glasson, Joseph Leslie		Proud, Emily Dorothea	

## SECOND CLASS.

(In order of merit).

Barton, Felix Kingston		Allen, John Howard.
Willmott, Josiah Percival		

## THIRD CLASS.

(In alphabetical order).

Addison, Stanley Simpson		Jackson, Lawrence Stanley
Ash, Arthur Lewis George		Moyes, Morton Henry
Edwards, Leslie		Stolz, Sabina Bertha
Ingamells, Dora		

**Pure Mathematics II.—B.Sc. Course.**

## SECOND CLASS.

West, Reginald Arthur, M.A.

**Applied Mathematics.****B.A., B.Sc., M.A., and DIPLOMA IN APPLIED SCIENCE.**

## FIRST CLASS.

(In order of merit).

Glasson, Joseph Leslie		Rosman, Frank Edgar.
Burgess, Leslie Frank		

## SECOND CLASS.

(In order of merit).

Gill, Lancelot Waring		Hanton, Hubert Harford.
Darwin, Errol Raffael Henry		

## THIRD CLASS.

(In alphabetical order).

Addison, Stanley Simpson		Campbell, Gordon Cathcart
Bennett, Frank Norman		Kuchel, Carl Wilhelm August
Birks, Walter Richard		Willmott, Josiah Percival.

**Physics—First Year's Course.****B.A., B.Sc., and Diploma Candidates.**

## FIRST CLASS.

(In order of merit).

Bragg, William Laurence		Jona, Jacob	} equal
Glasson, Joseph Leslie		Mitton, Victor Robert	
McNamara, Louis Warnecke		Fischer, Arthur Julius.	

## SECOND CLASS.

(In order of merit).

McKail, Henry Lancelot Martyn	} equal	Loveridge, Lillian Constance
Holder, Evan Morecott		Scott, Ronald Melville.

## THIRD CLASS.

(In alphabetical order).

Black, Arnold Barham  
 Broad, Wilfred Ray  
 Brooker, Harry Hile  
 Butler, Francis James  
 Garton, Mary May  
 Grigson, Edward Charles  
 Hoche, Frank Richard

Hooper, Francis Henry  
 Kennedy, Alexander Lorimer  
 King, Arthur Vernon  
 Kinnish, Mary Tabitha  
 Moyes, Morton Henry  
 Oborn, Herbert Russell  
 Thomas, William George.

**Physics—Second Year's Course for the B.A. Degree.**

## FIRST CLASS.

None.

## SECOND CLASS.

(In order of merit).

Ligertwood, George Coutts

Giles, Olive Abbott.

## THIRD CLASS.

(In alphabetical order).

Ash, Arthur Louis George  
 Coles, Mignonette  
 Driscoll, Hilda Marion  
 Finch, Emily Olive

Hosking, Herbert Clifton  
 Okely, Christopher Carl  
 Possingham, Alfred Harold  
 Viney, Horace George.

**Physics—Second Year's Course for the B.Sc. Degree.**

## FIRST CLASS.

Glasson, Joseph Leslie.

## SECOND CLASS.

(In order of merit).

McNamara, Louis Warnecke  
 Rosman, Frank Edgar

Gill, Lancelot Waring.

## THIRD CLASS.

(In alphabetical order).

Dumas, Russell John  
 Jensen, Edgar Broughton

Willmott, Josiah Percival.

**Physics—Third Year's Course for the B.Sc. Degree.**

## FIRST CLASS.

Burgess, Leslie Frank.

## SECOND CLASS.

Darwin, Errol Raffael Henry	} equal
Hanton, Hubert Harford	
Lang, William Holland	



## THIRD CLASS.

(In alphabetical order).

Addison, Stanley Simpson  
Gilbert, Joseph.**INORGANIC CHEMISTRY, B.A. COMPULSORY  
CHEMISTRY, B.Sc.****Chemistry I. (Diploma Course).**

## FIRST CLASS.

(In order of merit).

Bragg, William Lawrence	} equal	Rosengarten, Wilfred David
Bagster, Lancelot Salisbury		Glasson, Joseph Leslie.
McNamara, Louis Warnecke		

## SECOND CLASS.

(In order of merit).

George, Mildred May		Scott, Ronald Melville
Jona, Jacob		Hill, Muriel
Grigson, Edward Charles		Foster, Elsie Myra Lilian
Higginbottom, Edwin Corlett		Bell, Arthur Hammond
Pearce, Olive Pellew		

## THIRD CLASS.

(In alphabetical order).

Caddy, Clarinda May		Willmott, Josiah Percival
Kennedy, Alexander Lorimer		

**Organic Chemistry B.A. Course and  
B.Sc. (Physiology Honours).**

Theoretical and Practical.

## FIRST CLASS.

None.

## SECOND CLASS.

Kleemann, William Hurtle.

## THIRD CLASS.

(In alphabetical order).

Foreman, Louis Aloysius  
Lewis, Irene Gwendoline.**Theoretical Only—For Agricultural Course.**

## FIRST CLASS.

Richardson, Arnold Edwin Victor.

**CHEMISTRY Part I., B.Sc. Course, or CHEMISTRY II.,  
Diploma Course.**

FIRST CLASS.

(In order of merit).

Burgess, Leslie Frank	} equal		Richardson, Arnold Edwin Victor
Tassie, Robert Wilson			

SECOND CLASS.

None.

THIRD CLASS.

None.

**PHYSICAL CHEMISTRY only for PHYSIOLOGY (Honours).**

FIRST CLASS.

Lewis, Irene Gwendoline.

**Chemistry Part I. B.Sc. COURSE.**

**Chemistry II. DIPLOMA IN APPLIED SCIENCE.**

PRACTICAL.

FIRST CLASS.

Burgess, Leslie Frank	} equal
Stanley, Richard Evan	

SECOND CLASS.

Tassie, Robert Wilson.

THIRD CLASS.

Williams, Ralph.

**B.Sc. DEGREE.**

**PRACTICAL CHEMISTRY, thus completing Group C.  
(Old Regulations).**

Thomson, James Simpson.

**Biology.**

FIRST CLASS.

Edquist, Alfred George

SECOND CLASS.

(In order of merit).

Somerville, Jessie  
Bagster, Lancelot Salisbury

## THIRD CLASS.

Darwin, Errol Rafael Henry  
 Kayser, Julius August William

**GEOLOGY and MINERALOGY.**

## B.Sc. AND DIPLOMA COURSE.

**Geology I.**

## THIRD CLASS.

(In alphabetical order).

Campbell, Neil  
 Scarfe, Arthur Hamilton.

**Mineralogy and Petrology, Part I.**

## FIRST CLASS.

Jefferis, Arthur Tarlton.

## SECOND CLASS.

Newman, Olive Gertrude.

## THIRD CLASS.

Gates, Benjamin John.

**MINING GEOLOGY (September)—Final Examination.**

(In order of merit).

## FIRST CLASS.

Stuckey, Vivian Charles

## SECOND CLASS.

Greenway, Harold  
 Jensen, Edgar Broughton.

**DIPLOMA IN APPLIED SCIENCE.****Applied Mechanics I.**

## FIRST CLASS.

Rosman, Frank Edgar | West, John Stanley

## SECOND CLASS.

Bennett, Frank Norman | Gill, Lancelot Waring

## THIRD CLASS.

Deeney, John Chrysostom | Dumas, Russell John

**Applied Mechanics II.**

## FIRST CLASS.]

Tassie, Robert Wilson | Ellis, Frank

## PASS LISTS.

## THIRD CLASS.

Gilbert, Joseph

**Applied Mechanics. III.**

## FIRST CLASS.

(In order of merit).

Hanton, Hubert Harford	} equal.
Tassie, Robert William	

## SECOND CLASS.

(In order of merit).

Ellis, Frank	} equal	Lang, William Holland
Rennie, Edward James Cadell		Angwin, William Britton.
West, John Stanley		

## THIRD CLASS.

(In alphabetical order).

Addison, Stanley Simpson		Gilbert, Joseph.
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**Assaying I.**

## FIRST CLASS.

Scarfe, Arthur Hamilton

**Assaying II.**

## FIRST CLASS.

Angwin, William Britton

**Building Construction I.**

## [SECOND CLASS.

Burgess, Leslie Frank		Begg, Reginald Haussen
Jensen, Edgar Broughton		

## THIRD CLASS.

Campbell, Neil		Lang, William Holland
Deeney, John Chrysostom		McNamara, Louis Warnecke
Grigson, Edward Charles		Scott, Ronald Melville

**Building Construction II.**

## SECOND CLASS.

Smith, Harold Whitmore		Tassie, Robert Wilson
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## THIRD CLASS.

Gilbert, Joseph

**Drawing I.**

## SECOND GRADE PLANE GEOMETRY.

## FIRST CLASS.

McNamara, Louis Warnecke

## SECOND CLASS.

Dumas, Russell John

## THIRD CLASS.

Begg, Reginald Horton  
Deeney, John Chrysostom  
Grigson, Edward CharlesLindquist, Frederick  
Scott, Ronald Melville

## INTERMEDIATE FREEHAND.

## FIRST CLASS.

Grigson, Edward Charles

## THIRD CLASS.

Deeney, John Chrysostom  
Dumas, Russell John

Lindquist, Frederick

## SECOND GRADE SOLID GEOMETRY.

## THIRD CLASS.

Begg, Reginald Horton  
Deeney, John Chrysostom  
Greenway, HaroldGrigson, Edward Charles  
McNamara, Louis Warnecke  
Scott, Ronald Melville

## INTERMEDIATE PERSPECTIVE.

## FIRST CLASS.

Dumas, Russell John  
Scott, Ronald MelvilleStuckey, Vivian Charles  
West, John Stanley

## SECOND CLASS.

Begg, Reginald Horton

Grigson, Edward Charles

## THIRD CLASS.

Deeney, John Chrysostom  
Ellis, Frank  
Greenway, HaroldLang, William Holland  
Lindquist, Frederick  
McNamara, Louis Warnecke**Electrical Engineering.**

## FIRST CLASS.

(In order of merit).

Smith, Harold Whitmore  
Rennie, Edward James Cadell.

## SECOND CLASS.

None.

## THIRD CLASS.

Bowen, Harold Charles

**Fitting and Turning I.**

## SECOND CLASS.

Begg, Ronald Haussen  
Deeney, John ChrysostomGrigson, Edward Charles  
Scott, Ronald Melville

## THIRD CLASS.

McNamara, Louis Warnecke

**Fitting and Turning II.**

## FIRST CLASS.

Grigson, Edward Charles

## SECOND CLASS.

Bennett, Frank Norman	}	equal
Ellis, Frank		
Milne, Malcolm Ernest		
Gill, Lancelot Waring		
Rosman, Frank Edgar		

**Hydraulics.**

## FIRST CLASS.

(In order of merit).

Tassie, Robert Wilson  
Smith, Harold Whitmore

## SECOND CLASS.

(In order of merit).

West, John Stanley	}	equal
Hanton, Hubert Harford		
Bowen, Harold Charles		
Greenway, Harold		
Rennie, Edward James Cadell		

## THIRD CLASS.

(In alphabetical order).

Gilbert, Joseph  
Lang, William Holland  
Stuckey, Vivian Charles**Iron, Steel and Alloys.**

## FIRST CLASS.

Burgess, Leslie Frank		Deeney, John Chrysostom
Jensen, Edgar Broughton		Greenway, Harold
Lang, William Holland		Gill, Lancelot Waring
Rosman, Frank Edgar		Ellis, Frank

## THIRD CLASS.

Bennett, Frank Norman		West, John Stanley
Birks, Walter Richard		

**Machine Design I.**

## FIRST CLASS.

Tassie, Robert Wilson

## THIRD CLASS.

Ellis, Frank		West, John Stanley
Greenway, Harold		

**Mechanical Engineering I.**

## FIRST CLASS.

Burgess, Leslie Frank		Gill, Lancelot Waring
Jensen, Edgar Broughton		

## SECOND CLASS.

Rosman, Frank Edgar		Milne, Malcolm Ernest
West, John Stanley		Deeney, John Chrysostom
Hanton, Hubert Harford		

## THIRD CLASS.

Gray, William Watt Erskine		Moyes, Morton Henry
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**Mechanical Engineering II.**

## FIRST CLASS.

Smith, Harold Whitmore		Tassie, Robert Wilson
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## SECOND CLASS.

Ellis, Frank		Stuckey, Vivian Charles
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**Mechanical Engineering III.**

## SECOND CLASS.

Waters, Joseph

**Metallurgy I.**

## THEORETICAL.

## FIRST CLASS.

Jensen, Edgar Broughton

## SECOND CLASS.

Scarfe, Arthur Hamilton

## THIRD CLASS.

Campbell, Neil

## PRACTICAL.

## FIRST CLASS.

Scarfe, Arthur Hamilton

**Metallurgy, II. and III.**

## FIRST CLASS.

Angwin, William Britton

**Electro-Metallurgy.**

## FIRST CLASS.

Lang, William Holland

| Rennie, Edward James Cadell

## SECOND CLASS.

Hanton, Hubert Harford

| West, John Stanley

THIRD CLASS.<sup>1</sup>

Bowen, Harold Charles

**MINING I.**

## FIRST CLASS.

None.

## SECOND CLASS.

Campbell, Neil

**MINING II.**

## FIRST CLASS.

None.

## SECOND CLASS.

Greenway, Harold

## THIRD CLASS.

Stuekey, Vivian Charles

**Pattern-Making.**

## SECOND CLASS.

Bennett, Frank Norman

**Railway Engineering.**

## FIRST CLASS.

None.

## SECOND CLASS.

(In order of merit).

Rennie, Edward James Cadell  
Smith, Harold Whitmore

} equal |

Bowen, Harold Charles  
Smith, Louis Laybourne.**HONOURS DEGREES.**

The following students have passed in subjects of the courses for the Honours Degrees:—



**HONOURS DEGREE OF MASTER OF ARTS.  
(Old Regulations).**

**Branch I.—Classics.**

FIRST CLASS.

Cowperthwaite, Elsie Eleanor, B. A.

**HONOURS DEGREE OF BACHELOR OF ARTS.**

**Classics.**

FIRST CLASS.

Langman, Mary Lillecrapp.

SECOND CLASS.

Williams, Mabel Evangeline.

**Examination for the HONOURS DEGREE of BACHELOR  
of SCIENCE.**

**Physiology.**

SECOND CLASS.

Jona, Judah Leon.

**EXAMINATION FOR THE DEGREE OF BACHELOR  
OF LAWS.—November, 1906.**

PASS LIST.

(In order of merit.)

**Law of Property—Part I.**

FIRST CLASS.

Mitchell, Harold Flinders

SECOND CLASS.

Bakewell, William Kenneth	} equal		Muirhead, Henry	} Mortimer
Homburg, John				

THIRD CLASS.

Browne, Thomas John	} equal		Henderson, William	} equal	
Cox, Edwin Baxter					Phillips, Earnest
Haslam, Leslie Horrocks					Holland, William Corin

**Law of Property—Part II.**

SECOND CLASS.

Bray, Marmion Matthews	} equal		Kelly, Francis	} equal

## THIRD CLASS.

Wallmann, Reginald Horton	}	equal	Owen, William Frederick	}	equal
Boucaut, George Hiles			Penney, Bertram Stephens		
Lake, Clement William					
Hingston					

**Law of Contracts.**

## SECOND CLASS.

Coventry, Charles James  
Gelston, Hedley Ringrose

## THIRD CLASS.

Thomson, Harry	}	equal	Dempster, Wm. Frederick	}	equal
Jeffries, Shirley Williams			Giles, Mortimer		
Whittington, Louis Arnold			Gillen, Vincent de Paul		
Warren, Sydney John			Ronald, Stuart Douglas		

**Constitutional Law.**

## SECOND CLASS.

Tapley, Willis Wayte | Akhurst, Adrian

## THIRD CLASS.

Penny, Bertram Stephens	}	equal	Jeffries, Shirley William	}	equal
Coventry, Charles James			Holland, William Corin		
Davison, John Hubert Hawdon			Warren, Sydney John		
Owen, William Frederick			Ronald, Stuart Douglas		
Shepley, Leslie Herbert Hamilton					

**Roman Law.**

## FIRST CLASS.

Bray, Marmion Matthews

## SECOND CLASS.

Akhurst, Adrian | Rudall, Reginald John  
Watkins, Charles Thomas | Doudy, Cecil Roy

## THIRD CLASS.

Heseltine, Samuel Richard | Homburg, John  
Haslam, Leslie Horrocks } equal  
Wallmann, Reginald Horton } equal

**Jurisprudence.**

## FIRST CLASS.

Ray, Walter Vernon } equal  
Rudall, Reginald John } equal

## SECOND CLASS.

Kelly, Francis | Watkins, Charles Thomas

## THIRD CLASS.

Doudy, Cecil Roy		Maclennan, James Sydney Kilcoy
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**Law of Wrongs.**

## FIRST CLASS.

Bray, Marmion Matthews

## SECOND CLASS.

Browne, Thomas John		Muirhead, Henry Mortimer
Tapley, Willis Wayte		Shepley, Leslie Herbert Hamilton

## THIRD CLASS.

Akhurst, Adrian	} equal		Gelston, Hedley Ringrose	} equal
Haslam, Leslie Horrocks			Dempster, Wm. Frederick	
Reid, Walter Gliddon			Holland, William Corin	

**Law of Evidence and Procedure.**

## SECOND CLASS.

Kelly, Francis		Ray, Walter Vernon
Rudall, Reginald John		Wallmann, Reginald Horton

## THIRD CLASS.

Penny, Bertram Stephens		Doudy, Cecil Roy
Bakewell, William Kenneth		Maclennan, James Sydney Kilcoy
Mitchell, Harold Flinders		Owen, William Frederick
Boucaut, George Hiles		

**International Law.**

## FIRST CLASS.

Ray, Walter Vernon		Kelly, Francis
Rudall, Reginald John		

## SECOND CLASS.

None.

## THIRD CLASS.

Henderson, William	} equal		Doudy, Cecil Roy
Maclennan, Jas. Sydney Kilcoy			

**Latin.**

## THIRD CLASS.

Thomson, Harry		Jeffries, Shirley William
Cowan, George Dalrymple		

**Recommended for Stow Prizes—**

Bray, Marmion Matthews  
 Ray, Walter Vernon  
 Rudall, Reginald John

**ORDINARY EXAMINATIONS FOR THE DEGREES OF  
BACHELOR OF MEDICINE AND BACHELOR  
OF SURGERY—NOVEMBER, 1906.**

First Class in order of merit.

Second and Third Classes in alphabetical order.

FIRST YEAR.

FIRST CLASS.

Sinclair, William Malcolm		Jones, Edmund Britten.
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SECOND CLASS.

Black, Eustace Couper		Muirhead, Leonard Graeme
Jona, Jacob		Yeatman, Charleton.

THIRD CLASS.

Drew, Charles Francis		Russell, Ernest Albert Harold.
Harvey, Gilbert Aberdein		

Passed in Anatomy and Biology, thus completing the First Year—  
Corry, Samuel Lloyd.

Passed in Anatomy and Chemistry, thus completing the First Year—  
George, Mildred May.

Recommended for the Elder Prize—  
Sinclair, William Malcolm.

. SECOND YEAR.

FIRST CLASS.

Delprat, Mary Johanna Alberta Theodora.

SECOND CLASS.

Trüdinger, Ronald.

THIRD CLASS.

Delprat, Elizabeth Theodora Johanna		McGlashan, John Eric
Stoffelina		Poole, Frederic St. John
Jacob, Melliar Phelps		Steele, David Macdonald

Passed in Anatomy, Physiology and Quantitative Analysis, thus completing  
the Second Year—

Holder, Eric James Roby.

Recommended for the Elder Prize—  
Delprat, Mary J. A. T.

## THIRD YEAR.

## FIRST CLASS.

Fry, Henry Kenneth, B.Sc. Cowan, Darcy Rivers Warren		Cherry, Percival Thomas Spower
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## SECOND CLASS.

Drew, William Alfred Vernon Frayne, Ernest John		West, Gordon Roy.
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## THIRD CLASS.

Erichsen, Matthias Goode, Reginald Alfred Jay, Hubert Melville		Muirhead, John Robb Sprod, Milo Weeks.
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Recommended for the Dr. Davies Thomas Scholarship—  
Fry, Henry Kenneth, B.Sc.

## FOURTH YEAR.

## FIRST CLASS.

Betts, Lionel Oxborrow		Verco, Reginald John.
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## SECOND CLASS.

Catchlove, Sydney George Leyland Jeffries, Lewis Wibmer		Magarey, Archibald Campbell Parkhouse, Devon.
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## THIRD CLASS.

Shierlaw, Norman Craig.

Recommended for the Dr. Davies Thomas Scholarship—  
Betts, Lionel Oxborrow.

## FIFTH YEAR.

## FIRST CLASS.

Ray, William Lewis, Eric Henry		Pellew, Leonard James Griffiths, Ernest William.
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## SECOND CLASS.

McAree, Francis Edward		Plummer, Rex Garnet.
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## THIRD CLASS.

None.

Recommended for the Everard Scholarship—  
Ray, William.

## EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

## GROUP D.

PASSED.

None.

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

FIRST YEAR.

SECOND CLASS.

Flaherty, Annie Josephine | Rough, Ada Blanche

THIRD CLASS.

Wilton, Elizabeth.

SECOND YEAR.

No Candidates.

THIRD YEAR.

None.

**FINAL EXAMINATION FOR THE DEGREE OF MUS. BAC.**

Gardner, George Gavin Forrest.

**EXAMINATION FOR THE ADVANCED COMMERCIAL  
CERTIFICATE.**

**OCTOBER, 1906.**

**Banking and Exchange.**

Badger, David Magnus  
Bishop, Howard Henry  
\*Bray, Clifford Samuel  
\*Ebsworth, Percy Elderton James  
Gale, Frederick Julius  
\*Hantken, Esmond Frederick  
Harrison, William Frank  
\*Harry, Reginald Freeman  
Isaachsen, Oscar Lionel  
Kleemann, Theodor Richard  
Lenton, Leslie  
\*McEwin, John Oswald  
McLean, Allan William  
Menkens, Frank Herman

Milne, Alexander  
Muecke, Carl Wilhelm Ludwig  
Muir, Thomas Grieve  
Robertson, George Oliver  
Russack, Friedrich Wilhelm  
Russell, Edward William  
Sheppard, Bernard Aubrey  
Sorrell, Harry Randolph  
Steele, Robert Moore, jun.  
\*Thomas, Harold Clarke  
Threadgold, Stanley Garfield  
Turner, Percy  
Ward, Alfred Kekwick Warner  
\*White, Leslie Ford

\* An asterisk denotes the candidate passed with credit.

**NOVEMBER, 1906.**

**Commercial Law.**

Bayly, Edward Benjamin  
\*Canaway, Lancelot John  
\*Dobson, Alfred James  
\*Hantken, Esmond Frederick  
Harvey, Arnold Bernays

Menkens, Frank Herman  
Smith, Charles Alfred  
Sorrell, Harry Randolph  
\*Thomas, Harold Clarke

\* An asterisk denotes that the candidate passed with credit.

**Business Practice.**

*White, Leslie Ford	} equal	Ebsworth, Percy Eldert on James
*Anderson, Reginald Hamp		Gerny, Victor August
*Olifent, Elwin Bruce		Sheppard, Bernard Aubrey
*Parker, Ferdinand Lucas		

\* An asterisk denotes that the candidate passed with credit.

**Commercial Geography.**

*Menkens, Frank Herman	} equal	*Muecke, Carl Wilhelm Ludwig
*Steele, Robert Moore, jun.		*Wood, Alfred Evelyne
*Kleemann, Theodore Richard		Russack, Friedrich Wilhelm
*Milne, Alexander		Bray, Clifford Samuel
*Harry, Reginald Freeman	} equal	Threadgold, Stanley Garfield
*Thomas, Harold Clarke		McLean, Allen William
*Wills, Samuel		Muir, Thomas Grieve
*Haselgrove, Frederick Richard Eric		Robertson, George Oliver
*Messent, Albert Edward		Ward, Alfred Kekwick Warner
*Humphreys, Herbert John		Smith, Charles Alfred

\* An asterisk denotes that the candidate passed with credit.

**EXAMINATION FOR THE DIPLOMA OF ASSOCIATE IN MUSIC.—NOVEMBER, 1906.**

## PASS.

Cox, Leila Isabel	Principal Subject—Pianoforte
Edwards, Gladys Ruby	Principal Subject—Singing
Jacob, Dorothea Violet	Principal Subject—Pianoforte

**Examination in Botany.**

## SECOND CLASS.

Whitney, Percy Victor.

## THIRD CLASS.

Wells, Percy Middleton | White, Howard Gordon

**UNIVERSITY EVENING CLASS AND SCHOOL OF MINES ASSOCIATE EXAMINATION.****Electric Engineering. III.**

## FIRST CLASS.

McMahon, Thomas Wilfred  
Chittleborough, Godfrey.

## SECOND CLASS.

Allen, Reginald Charles } equal  
Bradley, Frank Randell }

## THIRD CLASS.

Nicholas, Herbert Thomas.

## 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 recognized 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 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 of Our said United Kingdom.



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

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

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

By Warrant under the Queen's Sign Manual.

PALMER.

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## 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 nominated persons to fill such vacancies, or if the Senate shall fail to elect within six months, then the Governor shall nominate persons to fill such vacancies.

Senate how constituted.

4. As soon as the said Council shall have reported to the Governor that the number of graduates admitted by the said University to any of the Degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, or Doctor of Music, and of graduates of three years' standing, is not less than fifty, and such report shall have been published in the *Government Gazette*, the Senate shall be then constituted, and shall consist of such graduates, and of all persons thereafter admitted to such degrees, or who may become graduates of three years' standing, and a graduate of another University admitted to a degree in The University of Adelaide shall reckon his standing from the date of his graduation in such other University, and the Senate shall elect a Warden out of their own body annually, or whenever a vacancy shall occur.

Questions how decided, quorum.

5. All questions which shall come before the said Council or Senate respectively shall be decided by the majority of the members present, and the chairman at any such meeting shall have a vote, and in case of an equality of votes, a casting vote, and no question shall be decided at any meeting of the said Council unless six members thereof be present, or at any meeting of the said Senate unless twenty members thereof be present.

Chairmanship of Council and Senate.

6. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as chairman, and at every meeting of the Senate the Warden shall preside as chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden the members of the Senate present shall elect a chairman.

Council to have entire management of the University.

7. The said Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the said University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the statutes and regulations of the said University.

Council to make statutes and regulations with approval of the Senate.

8. The said Council shall have full power to make and alter any statutes and regulations (so as the same be not repugnant to any existing law or to the provisions of this Act) touching any election or

the discipline of the said University, the number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants thereof, the matriculation of students, the examination for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively, the fees to be charged for matriculation, or for any such examination or degree, the lectures or classes of the professors and lecturers, and the fees to be charged, the manner and time of convening the meetings of the said Council and Senate and in general touching all other matters whatsoever regarding the said University: Provided always that so soon as the Senate of the said University shall have been constituted, no new statute or regulation or alteration or repeal of any existing statute, shall be of any force until approved by the said Senate.

Colleges may be affiliated, and boarding-houses licensed.

9. It shall be lawful for the said University to make any statutes for the affiliation to or connection with the same of any college or educational establishment to which the governing body of such college or establishment may consent, and for the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of such licences: Provided always that no such statutes shall affect the religious observances or regulations enforced in such colleges, educational establishments, or boarding-houses.

Statutes and Regulations to be allowed by Governor.

10. All such statutes and regulations as aforesaid shall be reduced to writing, and the common seal of the said University having been affixed thereto, shall be submitted to the Governor to be allowed and countersigned by him, and if so allowed and countersigned, shall be binding upon all persons members of the said University, and upon all candidates for degrees to be conferred by the same.

Limitation of the powers of Council as regards the chairs founded by W. W. Hughes.

11. The powers herein given to the Council shall, so far as the same may affect the two chairs or professorships founded by the said Walter Watson Hughes, and the two professors appointed by him, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the before-mentioned indenture.

University to confer degrees.

12. The said University shall have power to confer, after examination, the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science and Doctor of Science, Bachelor of Music and Doctor of Music, according to the statutes and regulations of the said

University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree, of persons who may have graduated at any other University.

Students to be in residence during term.

13. Every undergraduate shall, during such term of residence as the said University may by statute appoint, dwell with his parent or guardian, or with some near relative or friend selected by his parent or guardian, and approved by the Chancellor or Vice-Chancellor, or in some collegiate or educational establishment affiliated to or in connection with the University, or in a boarding-house licensed as aforesaid.

No religious test to be administered.

14. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the said University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

Endowment by annual grant.

15. It shall be lawful for the Governor by warrant under his hand addressed to the Public Treasurer of the Province, to direct to be issued and paid out of the General Revenue an annual grant, equal to Five Pounds per centum per annum on the said sum of Twenty Thousand Pounds contributed by the said Walter Watson Hughes, and on such other moneys as may from time to time be given to and invested by the said body corporate upon trusts for the purposes of such University, and on the value of property real or personal, securely vested in the said body corporate, or in trustees, for the purposes of the said University, except the real property mentioned in clause 16 of this Act; and such annual grant shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several professors, lecturers, examiners, officers, and servants to be appointed by such University, and for defraying the expense of such fellowships, scholarships, prizes, and exhibitions, as shall be awarded for the encouragement of students in such University, and for providing a library for the same, and for discharging all necessary charges connected with the management thereof: Provided that no such grant shall exceed Ten Thousand Pounds in any one year.

Endowment in Land.

16. The Governor, in the name and on behalf of Her Majesty, may alienate, grant, and convey in fee-simple to such University or may reserve and dedicate portions of the waste lands of the said Province, not exceeding fifty thousand acres, for the purpose of the University and the further endowment thereof; and the Governor may in like

manner, and on behalf of Her Majesty, alienate, grant, and convey in fee-simple to such University, or may reserve and dedicate a piece of land in Adelaide, east of the Gun Shed and facing North Terrace, not exceeding five acres, to be used as a site\* for the University buildings and for the purposes of such University: Provided that the lands so granted shall be held upon trust for the purposes of such University, such trusts to be approved by the Governor.

University of Adelaide included in Ordinance No. 17 of 1844.

17. The University of Adelaide shall be deemed to be an University within the meaning of section 1† of Ordinance No. 17 of 1844, entitled "An Ordinance to define the qualifications of Medical Practitioners in this Province for certain purposes."

Council or Senate to report annually to the Governor.

18. The said Council or Senate shall, during the month of January in every year, report the proceedings of the University during the previous year to the Governor, and such report shall contain a full account of the income and expenditure of the said University, audited in such manner as the Governor may direct, and a copy of every such report, and of all the statutes and regulations of the University, allowed as aforesaid by the Governor, shall be laid in each year before the Parliament.

Governor to be Visitor.

19. The Governor for the time being shall be the Visitor of the said University, and shall have authority to do all things which appertain to Visitors as often as to him shall seem meet.

Short Title.

20. This Act may be cited as "The Adelaide University Act."

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#### SCHEDULE REFERRED TO.

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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 to the said Province, to be called "The Adelaide University," and has agreed in assist in the foundation of such University, by contributing the sum of Twenty

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\* An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

† This section has been repealed by Act No. 193 of 1880, which recognizes (amongst others) the following qualifications:—"Doctor or Bachelor of Medicine, or Master in Surgery of any chartered University in Her Majesty's Dominions authorised to grant Degrees in Medicine and Surgery."

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.

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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.”

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\* By a deed executed in 1880, the University is empowered to invest the moneys in the purchase of freehold lands and buildings and on first mortgages of freehold lands and buildings in South Australia.

## 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 University to make such statutes as they may deem fit for the admission, without examination, to any such degree of Bachelor or Master of Surgery of persons who may have obtained a corresponding degree at any other University.

Masters of Surgery to be members of Senate.

2. Persons who shall be admitted by the University of Adelaide to the degree of Master of Surgery shall, on admission thereto, become members of the Senate of the said University.

Title of Act.

3. This Act may be cited as "The Degrees in Surgery Act."

Incorporation.

4. "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," so far as their respective provisions are applicable to and not inconsistent with the provisions of this Act, are incorporated, and shall respectively be read with this Act.

## S.A. INSTITUTE ACT AMENDMENT ACT OF 1879.

*No. 151 of 1879.*

## Preamble.

Whereas it is expedient that the University of Adelaide should be represented on the Board of the South Australian Institute, and that the said University should for that purpose be empowered to elect two members of that Board—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 :

South Australian Institute Board increased to nine.

\*1. From and after the passing of this Act the Board of Governors of the South Australian Institute shall, notwithstanding anything contained in the South Australian Institute Act, 1863, consist of nine members, of whom two shall be members of, and shall be elected by, the said University.

Council to convene meeting to elect. Tenure of persons elected. Filling occasional vacancies.

2. So soon as conveniently may be after the passing of this Act, and thereafter in each succeeding month of October, the Council of the said University shall convene in the prescribed manner a meeting in Adelaide of the said University to elect two members of the said Board, and the members elected at any such meeting shall (except in the event hereinafter provided for) hold office until the election in the next succeeding month of October. Whenever the office held by any member so elected shall during the year or other period for which he was elected become vacant, the said Council shall in the prescribed manner convene a meeting of the University to elect in his room another member, who shall hold office only until the next annual election.

Power to make Statutes and Regulations to carry out the Act.

3. The said University is hereby empowered to make all such Statutes and Regulations as shall be deemed necessary or proper for prescribing the time and mode of nominating candidates for the said offices, of convening each such meeting, and of transacting the business and conducting the election thereat ; for prescribing the place in Adelaide at which such meetings shall be held, the members of the University who shall preside thereat, and the number of members of the University who must be present in order to constitute a valid meeting, and other Statutes and Regulations dealing with all other matters of every kind which, in the opinion of the said University, ought to be made for the purpose of carrying out this Act in the most efficient manner.

\* This Section has been repealed by the Public Library, Museum, and Art Gallery Act f 1883-4, Section 51.

If meeting not constituted in fifteen minutes after appointed hour, Council to elect for that occasion.

4. Notwithstanding any other provision herein contained, 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 conveniently may be thereafter, elect in such manner as they shall think proper a member or (as the case shall require) two members of the said University to be members of the said Board.

Governors elected under this Act to have same rights, &c., as the others.

\*5. Members of the said Board of Governors elected under this Act shall during their tenure of office enjoy equal rights and powers with the other members of the said Board.

Title.

6. This Act may be cited for all purposes as the "South Australian Institute Act Amendment Act, 1879."

\*This Section has been repealed by the Public Library, Museum, and Art Gallery Act 1883-4, Section 51.

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PUBLIC LIBRARY, MUSEUM, AND ART GALLERY ACT,  
1883-4. No. 296 of 1883.

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Constitution of Board.

Under Section 7 of this Act it is enacted that :—

The Board of Governors of the Public Library, Museum, and Art Gallery of South Australia shall consist of sixteen members of whom

1. The Governor shall appoint eight members.
2. The South Australian Society of Arts shall elect one member, who shall be a member of the said Society.
3. The University of Adelaide shall elect two members, who shall be members of the said University.
4. The Royal Society of South Australia shall elect one member, who shall be a member of the said Society.
5. The Adelaide Circulating Library, as hereinafter established, shall elect one member, who shall be a member of the said Library.
6. The Institutes shall elect three members.

This Section further enacts that :—

The elections of members of the Board by the several bodies of persons or societies mentioned in this Section shall take place and be conducted in the manner prescribed by the rules and regulations contained in the first schedule hereto, or such other rules and regulations as may from time to time be made in addition to, or in substitution for, or in amendment of, those rules and regulations; and the expressions "Board" and "Board of Governors" used in the South Australian Institute Act Amendment Act 1879, and in any statutes or regulations made thereunder, shall refer to the Board constituted by this Act. Upon the appointment and election of members of the Board, and thereafter in the month of November in each year, the Government shall cause to be published in the *Government Gazette* a list of the members of the Board, which *Gazette* shall be *prima facie* evidence that the persons named therein are the members of the Board as therein specified.

Election of members of the Board.

Section 9 enacts that :—

The first appointment by the Governor of members of the Board, and the first elections of members of the Board by the several bodies of persons or societies mentioned in Section 7 of this Act, shall be made and take place respectively within one calendar month from the coming

into operation of this Act; and thereafter, in the month of October in every year, the Governor and the several bodies of persons or societies mentioned in Section 7 of this Act shall appoint and elect members of the Board; and every appointed or elected member of the Board shall hold office until the election or appointment of his successor, and shall then retire, but shall be eligible for re-election.

All members to be on same footing.

Section 10.—All the members of the Board, whether appointed or elected, shall have and exercise the same rights, privileges, and powers, and be under and subject to the same liabilities.

Casual vacancy, how filled.

Section 11.—The Governor may appoint a member of the Board upon any casual vacancy occurring through the death, resignation or removal of any member of the Board appointed by him, and any casual vacancy caused by the death or resignation of any member of the Board elected by any of the several bodies of persons or societies mentioned in Section 7 of this Act may be filled by the election of a person by the body of persons or society who shall have elected the member so dying or resigning. Any member of the Board elected under this Section shall hold office for the same period as the member so dying or resigning would have held office had no such vacancy occurred. Every appointment or election under this Section shall be notified by the Governor in the *Government Gazette*, and such *Gazette* shall be *prima facie* evidence of the appointment or election so notified.

On failure to elect, the Governor may appoint.

Section 12.—If the University of Adelaide, the Royal Society of South Australia, the Adelaide Circulating Library, or the Institutes, or any of them, shall fail or neglect to exercise their right of election given 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 body of persons or society so making default. The provision of this section shall also apply to any casual vacancy caused by the death or resignation of any elected member of the Board.

Repeal.

Section 51 repeals Sections 1 and 5 of the Act No. 151 of 1879 intituled "The South Australian Institute Act Amendment Act."

The following is the portion of the First *Schedule* (referred to in Clause 7) which regulates the election of members of the Board by the University of Adelaide:—



Rules and Regulations for the election of members of the Board.

ELECTION BY THE UNIVERSITY OF ADELAIDE.

1. The members of the Board to be elected by the University of Adelaide shall be elected in manner prescribed by the "South Australian Institute Act Amendment Act, 1879," and the statutes and regulations made or to be hereafter made thereunder for the election by the University of Adelaide of members of the Board of Governors of the South Australian Institute; and the expressions "Board" and "Board of Governors" used in that Act and in the statutes and regulations made thereunder shall refer to the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia. 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 validity of such election.

For Statutes see Chapter XXIII, page 79.

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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.

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**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.

18. All notices of motion or of questions and all nominations must reach the Clerk at the University, before 1 p.m. on the eleventh day before the day of meeting.

### IV. CONDUCT OF BUSINESS.

#### A. AGENDA.

19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

- a. Reading, amendment, and confirmation of Minutes  
Business arising out of the Minutes.
- b. Election of Warden and Clerk.
- c. Election of Members of the Council.
- d. Questions.
- e. Business from the Council.
- f. Motions on the Notice-paper.
- g. Other business.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice Paper for the meeting of which it is an adjournment.

#### B. RULES OF DEBATE.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same evening has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

(a) By a motion, "That the Senate proceed to the next business."

(b) By the motion "That the Senate do now adjourn."

45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate

### C. DIVISIONS.

46. So soon as a debate upon a question shall be concluded, the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

#### D. ELECTIONS.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

58A.\* Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

63. Any person nominated as a candidate for any office may by letter request the Clerk to cancel his nomination, and the receipt of such letter shall be held to cancel such nomination.

\* Passed by Senate, 28th March, 1894.

64. In all elections if no more than the required number of persons be nominated, the Warden shall declare them elected.

65. If more than the required number of persons be nominated, voting papers shall be distributed and every member present shall vote for the required number of candidates ; but no member who has a direct pecuniary interest in the result of the election shall be allowed to vote.

66. When the voting papers have been distributed the doors shall be closed until such time as the papers shall have been collected.

67. The Warden shall appoint from the members present as many scrutineers as he shall think proper, and shall assign them their duties.

68. The votes shall be counted by the scrutineers, and the number of votes given for each candidate shall be reported to the Warden, who shall then declare the result of the election.

#### E. QUESTIONS.

69. Questions touching the affairs of the University may be put to the Warden or to the Representative of the Council in the Senate.

70. The Warden may disallow any question which he thinks ought not to be put, and may alter and amend any question which is not in accordance with the Standing Orders, or which is in his opinion injudiciously worded.

71. The Warden or Representative of the Council to whom a question is put, may without reason assigned decline to answer at all or until notice thereof has been duly given.

72. By permission of the Senate any member may put a question in the absence of the member who has given notice of it.

73. By permission of the Senate a member may amend in writing a question of which he has given notice and put it as amended.

74. In putting any question no argument or opinion shall be offered nor shall any facts be stated except so far as may be necessary to explain such question.

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice Paper shall not be recorded in the Minutes, nor shall the answers thereto.



**F. COMMITTEE OF THE WHOLE SENATE.**

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

**V. SELECT COMMITTEES.**

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

**VI. SUSPENSION OF STANDING ORDERS.**

88. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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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.

December 2nd, 1885.

FREDERIC CHAPPLE,  
WARDEN.

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