

*Robert Bell U.P.*

*m/82/1-5*

ANNUAL CALENDAR  
OF  
MCGILL COLLEGE  
AND  
UNIVERSITY  
MONTREAL



FOUNDED UNDER BEQUEST OF THE HON. JAMES MCGILL,  
ERECTED INTO A UNIVERSITY BY ROYAL CHARTER  
IN 1821, AND RE-ORGANIZED BY AN  
AMENDED CHARTER IN 1852.

SESSION 1894-95

Montreal:

PRINTED FOR THE UNIVERSITY BY JOHN LOVELL & SON.

1894



## CONTENTS.

<b>GENERAL ANNOUNCEMENTS:—</b>	
Governing Body .....	} 1 to 16
Officers of Instruction .....	
General Statement .....	
Calendar .....	
<b>FACULTY OF ARTS:—</b>	
Regulations and Course of Study .....	17
<b>DONALDA SPECIAL COURSE FOR WOMEN:—</b>	
Regulations and Course of Study .....	64
<b>FACULTY OF APPLIED SCIENCE:—</b>	
Regulations and Course of Study .....	79
<b>FACULTY OF MEDICINE:—</b>	
Regulations and Course of Study .....	100
<b>FACULTY OF LAW:—</b>	
Regulations and Course of Study .....	127
<b>FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE:</b>	
Regulations and Course of Study .....	142
<b>MCGILL NORMAL SCHOOL:—</b>	
Regulations and Course of Study .....	156
<b>UNIVERSITY SCHOOL EXAMINATIONS:—</b>	
For Associate in Arts .....	172
SCHOOL CERTIFICATES (Associate in Arts, etc.) .....	179
PASSED THE UNIVERSITY EXAMINATIONS .....	187
SCHOLARSHIPS AND EXHIBITIONS .....	194
PRIZES, HONOURS AND STANDING .....	195
LIST OF STUDENTS .....	228
DONATIONS TO LIBRARY AND MUSEUM .....	252
UNIVERSITY EXTENSION LECTURES .....	256
OBSERVATORY .....	259
GYMNASIUM .....	260
UNIVERSITY SOCIETIES .....	260
BENEFACTORS .....	270

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ADDENDA ET CORRIGENDA.

Partial Students are required to pay a fee of \$2.00 for the use of the College grounds, unless they sign and send to the Dean of the Faculty a declaration of their intention not to use the grounds.

On page 18, line 16 from top, after the words "This ceases after 1895" should be added "except in cases of severe illness or domestic affliction."

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*The List of Graduates* corrected to June, 1894, and the *Examination Papers* (price 75 cents) of the Session 1893-94, are published separately, and may be obtained on application to the Secretary, or through booksellers.

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THE HON

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ALEXANDER JO

and Dean

HENRY ASPINW

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Montreal.



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*Office Hours: 9 to 5.*

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THE FACULTY OF SCIENCE Sessions of Experiment Natural Science is, with few the third a in favour of Science, Natural Certain execution of study lead The Degree of Bachelor learned professor Quebec and THE DONALDA in separate similar to the THE FACULTY OF extending engineering, Mechanical Chemical of Engineering THE FACULTY OF over four months in the Under new months each THE FACULTY OF complete the Degree of THE FACULTY OF of six months

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# General Statement.

## SESSION OF 1894-95.

The Sixty-second Session of the University, being the Forty-second under the amended Charter, will commence in the autumn of 1894.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of Students, no interference with their peculiar views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

### I. MCGILL COLLEGE.

**THE FACULTY OF ARTS.**—The complete course of study extends over four Sessions of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language or Hebrew. The course of study is, with few exceptions, the same for all Students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature, Modern and Semitic Languages. Certain exemptions are also allowed to professional students. The course of study leads to the Degrees of B.A., M.A. and LL.D.

The Degree of B.A. from this University admits the holder to the study of the learned professions without preliminary examination, in the Provinces of Quebec and Ontario, and in Great Britain and Ireland, etc.

**THE DONALDA SPECIAL COURSE IN ARTS** provides for the education of women, in separate classes, with course of study, exemptions, degrees and honours similar to those for men.

**THE FACULTY OF APPLIED SCIENCE** provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, Electrical Engineering, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

**THE FACULTY OF MEDICINE.**—The complete course of study in Medicine extends over four Sessions of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degree of M.D., C.M. Under new regulations, it will hereafter extend over four sessions of nine months each.

**THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.**—The complete course extends over three Sessions of six months each, and leads to the Degree of D.V.S.

**THE FACULTY OF LAW.**—The complete course of law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.

### II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms as the students of McGill College.

MORRIN COLLEGE, *Quebec*.—Is affiliated in so far as regards Degrees in Arts and Law. [Detailed information may be obtained from Rev. A. T. Love, B.A., Principal.]

ST. FRANCIS COLLEGE, *Richmond, P.Q.*—Is affiliated in so far as regards the Intermediate Examinations in Arts. [Detailed information may be obtained from the Rev. C. A. TANNER, Principal.]

THE STANSTEAD WESLEYAN COLLEGE, *Stanstead, P.Q.*—Is affiliated in so far as regards the Intermediate Examination in Arts. [Detailed information may be obtained from the Rev. C. R. FLANDERS, B.A., Principal.]

### III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, *Montreal*. Principal, REV. WILLIAM M. BARBOUR, D.D., 58 McTavish St.

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THE DIOCESAN COLLEGE OF MONTREAL. Principal, REV. CANON HENDERSON, M.A., D.D., 896 Dorchester St.

THE WESLEYAN COLLEGE OF MONTREAL. Principal, REV. W. I. SHAW, M.A., LL.D., 228 University St.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

### IV. MCGILL NORMAL SCHOOL.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. ROBINS, LL.D., 30 Belmont St., Montreal.

### V. AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the higher education of women, Simpson St., Montreal, Principal, Miss Grace Fairley. The High School of Montreal, Metcalfe St., Principal, Rev. I. Elson Rexford, B.A. The Girls' High School of Montreal, Metcalfe St.

*Schools which have prepared successful candidates for A.A. or for matriculation (June, 1893).*

High School, Montreal; Girls' High School, Montreal; High School, Quebec; Girls' High School, St. John, N.B.; Coaticook Academy; Cookshire Model School; Cowansville Academy; Huntingdon Academy; Inverness Academy; Knowlton Academy; Lachute Academy; Sherbrooke Boys' Academy; Sherbrooke Girls' Academy; Stanstead Wesleyan College; St. Johns High School; Sutton Model School; Waterloo Academy; Eliock School, Montreal; Ottawa Collegiate Institute; Almonte High School; Bishop Ridley College, St. Catharines; Montreal Collegiate Institute; Bedford Academy; Girls' High School, Quebec; St. Francis College; Trafalgar Institute, Montreal; Brockville Collegiate Institute; Carleton Place High School; Cote St. Antoine Academy; Lennoxville Model School; Peterboro Collegiate Institute; Whethem College, Vancouver; Williamstown High School; Three Rivers Academy; Shawville Academy; Danville Academy; Hemmingford Model School; Waterville Model School; Mansonville Model School; Paspébiac Model School; Clarendon Model School; Montreal Diocesan College; Guelph Collegiate Institute; Hawkesbury High School; Kemptville High School; Sarnia Collegiate Institute; Upper Canada College; Woodstock College; Pictou Academy; Mount St. Louis School, Montreal; The Grammar School, Montreal.

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31	Wednesday

NOTE.—Meetings of t

## ACADEMICAL YEAR 1894-95.

SEPTEMBER, 1894.

1 Saturday	
2 SUNDAY	
3 Monday	Normal School opens. Lectures in Law begin. Matriculation in Law.
4 Tuesday	
5 Wednesday	Meeting of Normal School Com.
6 Thursday	
7 Friday	
8 Saturday	
9 SUNDAY	
10 Monday	
11 Tuesday	
12 Wednesday	
13 Thursday	
14 Friday	
15 Saturday	Meeting of Faculty of Arts.
16 SUNDAY	
17 Monday	Mat. and Sup. Ex'n's in Classics Exhib. and Scholarship Exam.
18 Tuesday	Mat. and Sup. Ex'n's in Math's Exhib. & Scholarship Exam.
19 Wednesday	Mat. & Sup. Ex'n's in English, Logic, Ment. and Mor. Phil. Exhib. and Sch. Exm'ns.
20 Thursday	Mat. & Sup. Ex'n's in Modern Lang's and Nat. Sc.; Exhib. and Sch. Exam'ns.
21 Friday	Exhib. and Sch. Ex'n's. Lect's in Arts and App. Sc. begin. Meeting of F. of Arts at 11.15 a.m.
22 Saturday	Meeting of Governors.
23 SUNDAY	
24 Monday	Summer Essays in Applied Sc.
25 Tuesday	Meeting of Fac. of App. Sc.
26 Wednesday	
27 Thursday	Meeting of Faculty of Arts.
28 Friday	
29 Saturday	

NOVEMBER, 1894.

1 Thursday	
2 Friday	
3 Saturday	
4 SUNDAY	
5 Monday	Meeting of Faculty of App. Sc.
6 Tuesday	Meeting of Normal School Com.
7 Wednesday	
8 Thursday	Meeting of Faculty of Arts.
9 Friday	
10 Saturday	
11 SUNDAY	
12 Monday	
13 Tuesday	
14 Wednesday	
15 Thursday	
16 Friday	
17 Saturday	
18 SUNDAY	
19 Monday	
20 Tuesday	
21 Wednesday	
22 Thursday	Meeting of Faculty of Arts.
23 Friday	Meeting of Governors.
24 Saturday	Exams. in Law.
25 SUNDAY	
26 Monday	
27 Tuesday	
28 Wednesday	
29 Thursday	
30 Friday	

OCTOBER, 1894.

1 Monday	
2 Tuesday	Session of Veterinary Faculty begins.
3 Wednesday	Meeting of Fac. of App. Sc. Meeting of Normal School Committee.
4 Thursday	
5 Friday	Founder's Birthday.
6 Saturday	The Wm. Molson Hall opened, 1862.
7 SUNDAY	
8 Monday	
9 Tuesday	
10 Wednesday	
11 Thursday	
12 Friday	Meeting of Faculty of Arts.
13 Saturday	
14 SUNDAY	
15 Monday	
16 Tuesday	
17 Wednesday	
18 Thursday	Physics Building Com.
19 Friday	
20 Saturday	
21 SUNDAY	
22 Monday	Meeting of Museum Com.
23 Tuesday	Meeting of Library Com.
24 Wednesday	Regular Meeting of Corporation Reps. Schol. & Exh. Accounts audited.
25 Thursday	Meeting of Faculty of Arts.
26 Friday	Meeting of Governors.
27 Saturday	
28 SUNDAY	
29 Monday	
30 Tuesday	
31 Wednesday	New Library opened 1893.

DECEMBER, 1894

1 Saturday	
2 SUNDAY	
3 Monday	
4 Tuesday	Meeting of Faculty of App. Sc.
5 Wednesday	Meeting of Nor. Sch. Comm.
6 Thursday	
7 Friday	Meeting of Fac. of Arts.
8 Saturday	
9 SUNDAY	
10 Monday	
11 Tuesday	
12 Wednesday	Christmas Ex. in Law begin.
13 Thursday	
14 Friday	Lectures in Arts and App. Sc. end.
15 Saturday	
16 SUNDAY	
17 Monday	Christmas Ex. in Arts and Applied Science begin.
18 Tuesday	
19 Wednesday	
20 Thursday	
21 Friday	
22 Saturday	Christmas Vacation begins. Meeting of Governors.
23 SUNDAY	
24 Monday	
25 Tuesday	Christmas-Day.
26 Wednesday	
27 Thursday	
28 Friday	
29 Saturday	
30 SUNDAY	
31 Monday	

NOTE.—Meetings of the Faculty of Arts are held at 4.30 P.M. unless otherwise specified.



JANUARY, 1895.

1 Tuesday	
2 Wednesday	
3 Thursday	
4 Friday	Christmas Vacation ends.
5 Saturday	Meeting of Nor. Sc. Comm.
6 SUNDAY	
7 Monday	Lectures in Arts, Law, Med. & App. Science recommence. Meeting of Fac. of Arts. Meeting of Fac. of App. Sci.
8 Tuesday	
9 Wednesday	
10 Thursday	
11 Friday	
12 Saturday	
13 SUNDAY	
14 Monday	
15 Tuesday	
16 Wednesday	
17 Thursday	Phys. Build'g Com.
18 Friday	
19 Saturday	
20 SUNDAY	
21 Monday	Meeting of Museum Com. Meeting of Library Com.
22 Tuesday	
23 Wednesday	Regular Meet'g of Corporation. Examiners appointed. Annual Report to Visitor.
24 Thursday	
25 Friday	
26 Saturday	Meeting of Governors.
27 SUNDAY	
28 Monday	
29 Tuesday	
30 Wednesday	
31 Thursday	Theses for M.A. and L.L.D. to be sent in.

FEBRUARY, 1895.

1 Friday	Meeting of Faculty of Arts.
2 Saturday	
3 SUNDAY	
4 Monday	
5 Tuesday	Meeting of Fac. App. Science. Meeting of Nor. School Com.
6 Wednesday	
7 Thursday	
8 Friday	
9 Saturday	
10 SUNDAY	
11 Monday	
12 Tuesday	
13 Wednesday	
14 Thursday	
15 Friday	Meeting of Faculty of Arts. Supplemental Exam's in Arts and Applied Science. Exams. in Law.
16 Saturday	
17 SUNDAY	
18 Monday	
19 Tuesday	
20 Wednesday	
21 Thursday	
22 Friday	
23 Saturday	Meeting of Governor. Exams. in Law.
24 SUNDAY	
25 Monday	Physics & Engineering Building opened 1893. Theses for B.C.L. No lectures.
26 Tuesday	
27 Wednesday	
28 Thursday	

MARCH, 1895.

1 Friday	Meeting of Fac. of Arts.
2 Saturday	
3 SUNDAY	
4 Monday	
5 Tuesday	Meeting of Fac. of Ap. Science. Meeting of Nor. Sc. Com.
6 Wednesday	
7 Thursday	
8 Friday	
9 Saturday	
10 SUNDAY	
11 Monday	
12 Tuesday	
13 Wednesday	
14 Thursday	
15 Friday	Meeting of Fac. of Arts. Reports of Attendance on Lects.
16 Saturday	
17 SUNDAY	
18 Monday	Exam's in Med. begin. Meeting of Fac. of Ap. Science
19 Tuesday	
20 Wednesday	
21 Thursday	
22 Friday	Meeting of Faculty of Arts. Meeting of Governors.
23 Saturday	
24 SUNDAY	
25 Monday	
26 Tuesday	
27 Wednesday	
28 Thursday	
29 Friday	Conv. for Degrees in Veterinary Science. Lects. in Arts and Ap. Sc. end.
30 Saturday	
31 SUNDAY:	

APRIL, 1895.

1 Monday	Exams. in Arts begin.
2 Tuesday	
3 Wednesday	Meeting of Nor. Sc. Committee Conv. for Degrees in Medicine. Meeting of Fac. of Arts.
4 Thursday	
5 Friday	
6 Saturday	
7 SUNDAY	
8 Monday	
9 Tuesday	
10 Wednesday	Lectures in Law end. Good Friday. Easter Vacation begins.
11 Thursday	
12 Friday	Examinations in Law. Easter.
13 Saturday	
14 SUNDAY	
15 Monday	Easter vacation ends. Examinations in Law. Phys. Build'g Com. Examinations in Law.
16 Tuesday	Examinations in Law. Meeting of Examiners, and Fac. of Arts.
17 Wednesday	Examinations in Law.
18 Thursday	
19 Friday	Meetings of Museum Committee and Faculty of Law. Meeting of Library Committee.
20 Saturday	
21 SUNDAY	
22 Monday	Regular meeting of Corporation.
23 Tuesday	Declaration of results of Exam. in Arts. Meeting of Governors.
24 Wednesday	
25 Thursday	
26 Friday	
27 Saturday	
28 SUNDAY	
29 Monday	Convocation for Degrees in Arts, Law and Applied Science.
30 Tuesday	

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25 Saturday	Me
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29 Wednesday	No
30 Thursday	V
31 Friday	

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21 Friday	
22 Saturday	Me
23 SUNDAY	
24 Monday	
25 Tuesday	
26 Wednesday	
27 Thursday	
28 Friday	
29 Saturday	

MAY, 1895.

JULY, 1895.

1 Wednesday	Meeting Nor. Sch. Committee. Meeting of Examiners for Sch. Examinations, Examinations in Normal School begin.
2 Thursday	
3 Friday	
4 Saturday	
5 SUNDAY	
6 Monday	
7 Tuesday	
8 Wednesday	
9 Thursday	
10 Friday	
11 Saturday	
12 SUNDAY	Queen's Birthday. Meeting of Governors.
13 Monday	
14 Tuesday	
15 Wednesday	
16 Thursday	
17 Friday	
18 Saturday	
19 SUNDAY	
20 Monday	
21 Tuesday	
22 Wednesday	
23 Thursday	
24 Friday	
25 Saturday	
26 SUNDAY	Normal Sch. closes for Summer Vacation.
27 Monday	
28 Tuesday	
29 Wednesday	
30 Thursday	
31 Friday	

1 Monday	
2 Tuesday	
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21 SUNDAY	
22 Monday	
23 Tuesday	
24 Wednesday	
25 Thursday	
26 Friday	
27 Saturday	
28 SUNDAY	
29 Monday	
30 Tuesday	
31 Wednesday	

JUNE, 1895.

AUGUST, 1895.

1 Saturday	Whit-Sunday.  Examinations for Matric. and Associate in Arts begin. Normal School Committee.	
2 SUNDAY		
3 Monday		
4 Tuesday		
5 Wednesday		
6 Thursday		
7 Friday		
8 Saturday		
9 SUNDAY		Trinity Sunday.
10 Monday		
11 Tuesday		
12 Wednesday		
13 Thursday		
14 Friday		
15 Saturday	Phys. Building Com.  Meeting of Museum Committee. Meeting of Library Committee. Regular Meeting of Corporat'n. Report of Normal School.  Meeting of Governors.	
16 SUNDAY		
17 Monday		
18 Tuesday		
19 Wednesday		
20 Thursday		
21 Friday		
22 Saturday		
23 SUNDAY		
24 Monday		
25 Tuesday		
26 Wednesday		
27 Thursday		
28 Friday		
29 Saturday		

1 Thursday	Peter Redpath Museum opened 1882.
2 Friday	
3 Saturday	
4 SUNDAY	
5 Monday	
6 Tuesday	
7 Wednesday	
8 Thursday	
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26 Monday	
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28 Wednesday	
29 Thursday	
30 Friday	
31 Saturday	

### FACULTY OF ARTS.

*EXHIBITION, SCHOLARSHIP, &c., EXAMINATIONS,  
SEPTEMBER, 1894.*

DAY.	DATE	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	HOUR.
Monday.	17	Greek.	Greek.	Greek.	9 to 12
"	17	Latin.	Latin.	Latin Prose Comp.	2 to 5
"	17			Mathematics.	9 to 12
Tuesday.	18	Mathematics.	Mathematics.	Latin.	9 to 12
"	18			Mathematics.	9 to 12
"	18			Botany.	9 to 12
"	18	Mathematics.	Mathematics.	Ancient History.	2 to 5
"	18			Botany.	2 to 5
Wednesday.	19	English.	English.	English.	9 to 12
"	19			Logic.	9 to 12
"	19	English.		English.	2 to 5
"	19		Chemistry.	Chemistry.	2 to 5
Thursday.	20			Mathematics.	9 to 12
"	20			Botany.	9 to 12
"	20		French.	French.	9 to 12
"	20	Grammar and Comp. (Classics.)	General Paper. (Classics.)	English Composition	2 to 5
Friday.	21		Mathematics.	Mathematics.	9 to 12
			English.		2 to 5

*CHRISTMAS EXAMINATIONS DECEMBER, 1894.*

DAY.	DATE	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
Monday.	17	Latin.	Latin.	Mechanics.	Astronomy.
"	17		Mathematics, P.M.		
Tuesday.	18	Greek.	Greek.	Greek.	Greek.
"	18			Zoology, P.M.	Latin, P.M.
Wednesday.	19	Mathematics.	Psychology.	Latin.	Moral Philosophy
"	19	French, P.M.	French, P.M.	Ment. Phil., P.M.	Geology, P.M.
Thursday.	20	Chemistry.			
"	20	German, P.M.	German, P.M.		
"	20	Hebrew, P.M.	Hebrew, P.M.		
Friday.	21	English.			

### SESSION

DATE.	F
APRIL.	A.M.
1 Mon.	Hebrew
2 Tues.	Greek
3 Wed.	Latin.
4 Thurs.	.....
5 Fri.	English
6 Sat.	.....
8 Mon.	Geome and
9 Tues.	Trigon and
10 Wed.	French
11 Thurs.	.....
12 Fri.	Good E
13 Sat.	.....
14 Sun.	Easter
15 Mon.	.....
16 Tues.	Easter
17 Wed.	Chemis
18 Thurs.	.....
19 Fri.	Honour
20 Sat.	.....
22 Mon.	Honour
23 Tues.	.....
24 Wed.	Meeti
25 Thurs.	.....
26 Fri.	Meeti
27 Sat.	.....
29 Mon.	.....
30 Tues.	Convoc

The Examinations





FACULTY OF APPLIED SCIENCE.

SESSIONAL AND HONOURS EXAMINATIONS, APRIL, 1894.

DAYS	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
M. April 1	.....	.....	.....	.....
T. " 2	.....	.....	.....	.....
W. " 3	.....	.....	.....	.....
T. " 4	.....	.....	.....	.....
F. " 5	English.	Exp. Physics.	Exp. Physics.	Machine Design.
S. " 6	Mathematics.	English.	{ Machine Design. { Surveying.	Goodesy.
Sun. " 7	.....	.....	.....	.....
M. " 8	Freehand Drawing.	Surveying.	Theory of Structures	{ Th. of Structures { Dyn. of Machin'y.
T. " 9	.....	Kinematics.	Theory of Structures a.m. and p.m.	{ Th. of Structures { a.m. and p.m. . .
W. " 10	French. German.	French. German.	{ Geology. { Dyn. of Machin'y.	{ Th. of Structures. { Elect. Engr.
T. " 11	Desc. Geometry.	Desc. Geometry.	Desc. Geom.	Theory of Structures
F. " 12	Good Friday.	.....	.....	.....
S. " 13	Mathematics.	Mathematics.	.....	{ Mechanical Engr. { Th. of Struct. (adv.)
Sun. " 14	Easter Day.	.....	.....	{ Elect. Engr. { Hydraulics. { Hydraulics, (adv.) { Metallurgy.
M. " 15	.....	.....	Elect. Engineering.	Thermodynamics.
T. " 16	.....	.....	Mining.	.....
W. " 17	Chemistry.	Zoology p.m.	.....	.....
T. " 18	.....	Botany a.m. & p.m.	.....	.....
F. " 19	Mathematics.	Mathematics.	Mathematics.	.....
S. " 20	.....	.....	.....	.....
Sun. " 21	.....	.....	.....	.....
M. " 22	.....	.....	.....	.....
T. " 23	.....	.....	.....	.....
W. " 24	.....	.....	.....	.....
T. " 25	.....	.....	.....	.....
F. " 26	.....	.....	.....	.....
S. " 27	.....	.....	.....	.....
S. " 28	.....	.....	.....	.....
M. " 29	.....	.....	.....	.....
T. " 30	Convocations	.....	.....	.....

N.B.—The Examinations begin at 9<sup>00</sup> a.m. and 2.00 p.m. when not specified otherwise.

Professors :—D

Dean of the Faculty

[CONTENTS.—*M*  
*Study*, § III. ; *E*  
*Medals, etc.*, § VI.  
§ VIII. ; *Library*, §  
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# Faculty of Arts.

THE PRINCIPAL (EX-OFFICIO).

Professors :—DAWSON, (*Emeritus*.) Professors :—COUSSIRAT.

JOHNSON,

COX.

CORNISH,

EATON.

DAREY,

ADAMS.

MURRAY,

CALENDAR.

HARRINGTON,

Lecturers :—LAFLEUR.

MOYSE,

GREGOR.

PENHALLOW.

DEEKS.

COLBY.

Dean of the Faculty :—ALEXANDER JOHNSON, M.A., LL.D.

[CONTENTS.—*Matriculation, etc.*, § I. ; *Exhibitions, etc.*, § II. ; *Course of Study*, § III. ; *Examinations, Degrees, etc.*, § IV. ; *Exemptions, etc.*, § V. ; *Medals, etc.*, § VI. ; *Licensed Boarding Houses*, § VII. ; *Attendance and Conduct*, § VIII. ; *Library*, § IX. ; *Peter Redpath Museum*, § X. ; *McDonald Physics Building*, § XI. ; *Fees, etc.*, § XII. ; *Courses of Lectures*, § XIII.]

The next session of this Faculty will begin on September 17th, 1894, and will extend to April 30th, 1895.

## § I. MATRICULATION AND ADMISSION.

In this University those only who attend Lectures are denominated Students.

Students in the Faculty of Arts are classified as Undergraduates or Partial Students. The conditions of admission for each and for Students of other Universities are given below.

### I. UNDERGRADUATES.

Undergraduates alone can proceed to the degree of B. A. Candidates for admission to the First Year, as Undergraduates, are required to pass the First Year Entrance Examination. The successful Candidates are arranged as First Class, Second Class, and Passed. To

B



the most deserving in the First Class, the First Year Exhibitions are awarded. For those who aim at passing only, a minimum course is appointed, and there are two examinations in the year as follows :—

(1) That held in the first week of June, concurrently with the examinations for Associate in Arts. Schools desirous to take advantage of this may send their pupils for examination to McGill College ; or, if at a distance, by sending in to the Secretary of the University the names of Deputy Examiners for approval, with a list of candidates, on or before May 1st, may have papers sent to them. (2) That held at the opening of the session, on September 17th and following days, in McGill College alone.

In 1895 the following regulations with regard to the First Year Entrance Examination will come into operation :—

1. There will be an Entrance Examination at Christmas, which will include the subjects of the September Entrance together with those of the lectures of the first term. This ceases after 1895.

2. Any candidate who fails in one and not more than one subject at the September Entrance Examination may pass an equivalent Examination at Christmas, or at the following Sessional Examinations, in the precise part of the subject in which he failed. In this regulation, Classics Mathematics, and English, are each regarded as a single subject.

3. The Entrance Examinations will be held in June and September on those days only which may have been appointed in the Calendar.

As the examination is intended as a test of qualification for admission to the classes of the University, certificates of passing are not granted except to those who subsequently attend lectures. Candidates who may have passed the examination are not "Matriculated," *i.e.*, enrolled on the "Matricula" of the University, until they have paid all the prescribed fees for the session and complied with the other University regulations. (See "Directions" below.)

#### FIRST YEAR ENTRANCE EXAMINATION.

##### (a) For Passing only.

Examinations begin on June 1st in McGill College and local centres; on September 17th in McGill College only.

*Greek*.—Xenophon, Anabasis, Book I. ; Greek Grammar.

*Latin*.—Caesar, Bell. Gall., Book I. ; and Virgil, Aeneid, Book I., Latin Grammar. [In 1895, and afterwards, two books of Caesar will be required.]

#### *Mathematics.*

Algebra to Qua  
Books I., II., I

*English*.—W

*Analysis*. A p  
subject to be gi

*French*.—Gra  
French into Eng

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(b) *Higher Exa*

The examination  
McGill College on

*Greek*.—Homer,  
Demosthenes, Phil

*Latin*.—Cicero, i  
IV.; Caesar, Bell. (

or II.

A paper on Greek

*Mathematics.*—Arithmetic, including a knowledge of the Metric system; Algebra to Quadratic Equations (inclusive) as in Colenso; Euclid's Elements, Books I., II., III.

*English.*—Writing from Dictation. A paper on English Grammar *including Analysis*. A paper on the leading events of English History. Essay on a subject to be given at the time of the examination.

*French.*—Grammar up to the beginning of Syntax. An easy translation from French into English.

Candidates unable to take French are not excluded, but will be required to study German after entrance.

At the September (but not at the June) examinations, an equivalent amount of other books or other authors in Latin and Greek than those named may be accepted by the Examiners on application made through the Professor of Classics. At the June examination, candidates from Ontario may present an equivalent amount from the books prescribed for the Junior Matriculation Examination of the University of Toronto.

Candidates who at the Examination for Associate in Arts have passed in the above subjects are admitted as Undergraduates.

The Matriculation or Junior leaving Examination accepted by the Universities of Ontario is accepted by the Faculty in so far as the subjects of their programme satisfy the Examiners of the Faculty, *i.e.*, when the subjects taken are the same as or equivalent to those required in McGill University.

For Candidates from Ontario, Second Class non-professional certificates will be accepted *pro tanto* in the Examination.

For qualifications required of Normal School Students, see Normal School regulations.

Candidates who fail in one or more subjects at the June examination, and present themselves again in the following September, will be exempted from examination in those subjects only in which the Examiners may have reported them as specially qualified.

(b) *Higher Examination—For First Class, Second Class and Passing.*

The examination will be held on September 17th and following days in McGill College only. (For Exhibitions, see § II.)

*Greek.*—Homer, Iliad, Bk. IV. or VI.; Xenophon, Anabasis, Bk. I. or IV.; Demosthenes, Philippics, I. and II.; or Homer, Odyssey, Bk. VII or IX.

*Latin.*—Cicero, in Catilinam, Orat. I. and II. or Virgil, Aeneid, Bks. III. and IV.; Caesar, Bell. Gall., Bks. I. and II. or III. and IV.; Virgil, Aeneid, Bk. I. or II.

A paper on Greek and Latin Grammar.

Translation at sight from the easier Latin authors. Abbott's Arnold's Greek Prose Composition, Exercises 1 to 25. Collar's Practical Latin Composition, Pts. III. and IV., or an equivalent, such as Arnold's Latin Prose Composition.

*Mathematics.*—Euclid, Bks. I., II., III., IV.; Algebra to end of Harmonical Progression (Colenso); Arithmetic.

*English.*—English Grammar and Composition.—(Mason's Grammar, omit Derivation and Appendix.)

*French.*—(solely as a test of qualification to join the French Class.)—Grammar up to the beginning of Syntax; and easy translation from French into English. Candidates unable to take French will be required to study German after entrance.

#### SECOND YEAR ENTRANCE EXAMINATION.

Candidates may be admitted into Second Year as Undergraduates, if able to pass the Second Year Entrance Examination. The regulations for this correspond to those for the First Year, the higher examination being the same as that for the Second Year Exhibitions (see § II.) held in September; or the candidates may take the First Year Sessional Examinations held in April. There is besides:

*For Passing only.*

An Examination beginning on Sept. 17th, in McGill College only.

*In Classics.—Greek.*—Homer, Iliad, Book VI.; Xenophon, Anabasis, Book I. Grammar and Prose Composition.

*Latin.*—Virgil, Aeneid, Book VI.; Cicero, Orations against Catiline; Grammar and Prose Composition.

[An equivalent amount of other books or other authors in Latin and Greek than those named above may be accepted by the Examiners for entrance into the Second Year, on application made through the Professor of Classics.]

*In Mathematics:—*

*Euclid.*—Books I., II., III., IV., VI., with defs. of Book V. (Omitting Propositions 27, 28, 29 of Book VI.)

*Algebra.*—To end of Quadratic Equations (as in Colenso's Alg.).

*Trigonometry.*—Galbraith and Haughton's Trigonometry, Chaps. 1, 2, 3, 4, 6, to beginning of numerical solution of plane triangles.

*Arithmetic.*—Elementary rules, Proportion, Interest, Discount, etc., Vulgar and Decimal Fractions, Square Root, Metric System.

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*In English Literature.*—Writing from Dictation, English Grammar, including Analysis, English Composition, English History (Buckley). Essay.

*In French.*—French Grammar; or (instead of French) *German*, in which knowledge sufficient to enable the Candidate to join the regular class will be required.

*In Chemistry.*—The Chemistry of the non-metallic Elements and of the more common metals.

[*Note.*—Candidates unable to pass in French or German are not excluded, but are required to begin German, and to continue the study of it for two years

## 2. PARTIAL STUDENTS.—STUDENTS OF OTHER UNIVERSITIES.

**PARTIAL STUDENTS.**—All Students who are not Undergraduates or Graduates, or Students in Special Courses, are called Partial Students. Candidates for admission as Partial Students must satisfy the professors of the several subjects they select of their fitness to attend the lectures, or be examined in these subjects, as may from time to time be determined by the Faculty.

The subjects in which an examination is necessary are:—Latin, Greek, Mathematics, English, French. Candidates are required to appear at the ordinary entrance examinations announced above; but on application to the Faculty, may, for sufficient cause, have a later day appointed.

**STUDENTS OF OTHER UNIVERSITIES** may be admitted, on the production of certificates, to a like standing in this University, after examination by the Faculty.

## 3. GENERAL REGULATIONS.

Candidates for entrance into the First Year of the Faculty of Medicine in McGill University may pass in the above examinations.

Every student is expected to present, on his entrance, a written intimation from his parent or guardian of the name of the minister of religion under whose care and instruction it is desired that the Student should be placed, who will thereupon be invited to put himself in communication with the Faculty on the subject. Failing such intimation from his parent or guardian, the Faculty will endeavor to establish befitting relations.

Every student is required to sign the following:—

### DECLARATION.

“I hereby declare that I will faithfully observe the statutes, rules and ordinances of this University of McGill College to the best of my ability.”

#### 4. DIRECTIONS TO CANDIDATES FOR MATRICULATION OR ADMISSION.

Candidates are required :—

(a) To present themselves to the Dean at the beginning of the session, and fill up a form of application for matriculation or admission (§ I.).

(b) To pass or to have passed the required examinations (§ I.). Candidates claiming exemption, according to the regulations above given, from examination in any subject on the ground of examinations previously passed, must present certificates of standing in the latter.

(c) To procure tickets from the Registrar (§ XI.), and to sign the declaration above given.

(d) To present their tickets to the Dean. (Fine, etc., for delay stated in § XI.)

(e) To provide themselves with the Academic dress (§ VIII.).

### § II. SCHOLARSHIPS AND EXHIBITIONS.

#### GENERAL REGULATIONS.

1. A Scholarship is tenable for *two* years ; an Exhibition for *one* year.

2. Scholarships are open for competition to Students who have passed the University Intermediate Examination, provided that not more than three sessions have elapsed since their Matriculation ; and also to Candidates who have obtained what the Faculty may deem equivalent standing in some other University, provided that application be made before the end of the Session preceding the examination.

3. Scholarships are divided into two classes :—(1) *Science* Scholarships ; (2) *Classical and Modern Language* Scholarships. The subjects of examination for each are as follows :—

*Science Scholarships* :—Differential and Integral Calculus ; Analytic Geometry ; Plane and Spherical Trigonometry ; Higher Algebra and Theory of Equations ; Botany ; Chemistry ; Logic. (For subdivision, see below.)

*Classical and Modern Language Scholarships* :—Greek ; Latin ; English Composition ; English Language, Literature, and History ; French or German.

4. Exhibitions are assigned to the First and Second Years.

First Year Exhibitions are open for competition to candidates for entrance into the First Year.

Second Year Exhibitions are open for competition to students who have passed the First Year Sessional Examinations, provided that not more than two sessions have elapsed since their Matriculation ; and also to candidates for entrance into the Second Year.

The subjects of examination are as follows :—

*First Year Exhibitions*.—Classics, Mathematics, English.

*Second Year Exhibitions*.—Classics, Mathematics, English Language and Literature, Chemistry and French or German.

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5. The First and Second Year Exhibition Examinations will, for Candidates who have not previously entered the University, be regarded as Matriculation Examinations.

6. No student can hold more than one Exhibition or Scholarship at the same time.

7. Exhibitions and Scholarships will not necessarily be awarded to the best answerers at the Examinations. Absolute merit will be required.

8. If in any one College Year there be not a sufficient number of candidates showing absolute merit, any one or more of the Exhibitions or Scholarships offered for competition may be transferred to more deserving candidates in another year.

9. A successful candidate must, in order to retain his Scholarship or Exhibition, proceed regularly with his College Course to the satisfaction of the Faculty.

10. The annual income of the Scholarships or Exhibitions will be paid in four instalments, viz. :—In October, December, February and April, about the 20th day of each month.

11. The Examinations will be held at the beginning of every Session.

There are at present seventeen Scholarships and Exhibitions:—

THE JANE REDPATH EXHIBITION, founded by Mrs. Redpath, of Terrace Bank, Montreal :—value, about \$90 yearly, open to both men and women.

TEN McDONALD SCHOLARSHIPS AND EXHIBITIONS, founded by W. C. McDonald, Esq., Montreal :—value, \$125 each yearly.

THE CHARLES ALEXANDER SCHOLARSHIP, founded by Charles Alexander, Esq. Montreal, for the encouragement of the study of Classics and other subjects—value, \$120 yearly.

THE GEORGE HAGUE EXHIBITION, given by George Hague, Esq., Montreal, for the encouragement of the study of Classics :—value, \$125 yearly.

THE MAJOR H. MILLS SCHOLARSHIP, founded by bequest of the late Major Hiram Mills :—value, \$100 yearly.

THE BARBARA SCOTT SCHOLARSHIP, founded by the late Miss Barbara Scott, for the encouragement of the study of the Classical languages and literature :—value, \$100 to \$120 yearly.

TWO DONALDA EXHIBITIONS, open to women in the Donalda Department :—value, \$100 and \$120 yearly.

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EXHIBITIONS AND SCHOLARSHIPS OFFERED FOR COMPETITION AT THE OPENING OF THE SESSION, SEPT., 1894.

N.B.—*Three of the Exhibitions are open to women (two of these to women, alone, either in the First or Second Year).*

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*To students entering the First Year, three Exhibitions of \$125, two of \$100, and one of \$120.*



*Subjects of Examination :—*

GREEK.—Homer, Iliad, Bk. IV. or VI. ; Xenophon, Anabasis, Bk. I. or IV. Demosthenes, Philippics I. and II., or Homer, Odyssey, Bk. VII. or IX.

LATIN.—Virgil, Aeneid, Bk. I. or II. ; Cicero, In Catilinam, Orat. I. and II. ; or Virgil, Aeneid, Bks. III. and IV. ; Caesar, Bell. Gall., Bks. I. and II., or III. and IV.

A paper on Greek and Latin Grammar.

*Text-books.*—Hadley's or Goodwin's Greek Grammar. Abbott's Arnold's Greek Prose Composition, exercises 1 to 25. Allen and Greenough's Latin Grammar, Arnold's Latin Prose Composition by Bradley, or Collar's Latin Composition, Pts. III. and IV.

*Mathematics.*—Euclid, Bks. I., II., III., IV. ; Algebra to end of Harmonical Progression (Colenso) ; Arithmetic.

*English.*—English Grammar and Composition.—(Mason's Grammar, omit Derivation and Appendix.)

The First Year Exhibitions will be awarded to the best answerers in the above course, provided there be absolute merit.

But in subsequently distributing the Exhibitions of higher value among the successful candidates, answering in the following subjects will be taken into account also :—

1. A retranslation into Latin of an English version of some passages from one of the easier Latin Prose writers. (For specimens, see Smith's *Principia Latina*, Part V.)

2. Euclid, Book VI. (omitting Props. 27, 28, 29), with Defs. of Book V.

3. English :—An Examination upon one of Shakespeare's plays. For 1894—Macbeth.

4. French :—Syntax and translation from English into French, in addition to the entrance course.

*To Students entering the Second Year, four Exhibitions of \$125 and one of \$90 (see also N.B. above).*

*Subjects of Examination :—*

Greek.—Xenophon, Hellenics, I. and II. ; Demosthenes, Olynthiacs, I. and II. ; Herodotus, Bk. III.

Latin.—Virgil, Georgics, Bk. I. ; Horace, Odes, Bk. I. ; Cicero, Pro Lege Manilia and Pro Archia.

Greek and Latin Prose Composition, and translation at sight from the less difficult Latin and Greek authors.

A Paper on Grammar and History.

*Text-books.*—Myer's Ancient History, Abbott's Arnold's Greek Prose Composition, Latin Prose through English idiom (Abbott).

*Mathematics.*—Euclid (six books) ; Algebra (Hall & Knight's Advanced) ; McDowell's Exercises in Modern Geometry ; Theory of Equations (in part) ; Trigonometry (first four chapters Galbraith & Haughton's).

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follows :—

*Classics.*—Gree

*English Literature.*—Mason's Grammar. Shakespeare, *As You Like It*, Trench, *Study of Words*.

*Chemistry.*—Roscoe's Lessons in Elementary Chemistry, as far as page 264.

*French.*—Darey, *Principes de Grammaire française*; LaFontaine, *les Fables*, livres III. and IV.; Molière, *l'Avare*; Colloquial exercises; Dictation.

*Or, instead of French:—*

*German.*—German Grammar; Grimm's *Kinder—und Hausmärchen* (Vandersmissen's edition); Schiller—*Der Neffe als Onkel*, *Der Gang nach dem Eisenhammer*; Dictation; Translation from English into German.

A candidate for a Second Year Exhibition to be successful must not, at the special examination, be placed in the Third Class in more than one of the ordinary subjects. The award is made on the aggregate of the marks among those who fulfill this condition.

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*To Students entering the Third Year, three Scholarships of \$125 and one of \$120, tenable for two years.*

One of these is offered in Mathematics and Logic, and one in Natural Science and Logic, as follows:—

1. *Mathematics.*—Differential Calculus (Williamson, Chaps. 1, 2, 3, 4, 7, 9, Chap. 12, Arts. 168-183 inclusive; Chap. 17, Arts. 225-242 inclusive). Integral Calculus (Williamson, Chaps. 1, 2, 3, 4, 5; Chap. 7, Arts. 126-140 inclusive; Chap. 8, Arts. 150-156 inclusive; Chap. 9, Arts. 168-176 inclusive). Analytic Geometry (Salmon's Conic Sections, subjects of Chaps. 1-13 [omitting Chap. 8], with part of Chap. 14). Lock's Higher Trigonometry; McLelland and Preston's Spherical Trigonometry, Part I. Salmon's Modern Higher Algebra (first four chapters). Todhunter's or Burnside and Panton's Theory of Equations (selected course).

*Logic*, as in Jevon's Elementary Lessons in Logic.

2. *Natural Science.*—*Botany*, as in Gray's Structural and Systematic Botany. *Canadian Botany*, including a practical acquaintance with all the orders of Spermaphytes, Pteridophytes and Bryophytes. *Chemistry*, as in Roscoe's Lessons in Elementary Chemistry.

*Logic*, as in Jevons' Elementary Lessons on Logic.

Two will be given on an Examination in Classics and Modern Languages, as follows:—

*Classics.*—*Greek.*—Plato, *Apology* and *Crito*; Demosthenes, the *Olynthiacs*; Xenophon, *Memorabilia*, Book I.; Thucydides, Book VI. *Latin.*—Horace, *Epistles*, Book I.; Livy, Bks. XXI., XXII.; Virgil, *Georgics*, Book II.; Sallust, *Catiline*; Cicero, *Select Letters* (Pritchard and Bernard; Clarendon Press Series). *Greek and Latin Prose Composition*, and *Translation at sight*.

*History.—Text-Books.—Smith's Student's Greece; Mommsen's Rome (abridged). English Language and Literature.—Spalding's English Literature (Chap. VI., Part III., to end of book); Shakspere, Tempest; Milton's Paradise Lost, Books I. and II.; Trench, Study of Words.*

*English Composition.—High marks will be given for this subject.*

*French.—Racine, Britannicus; Molière, les Femmes savantes. French Grammar. Bonnefon, les Ecrivains célèbres de la France. Translation from English into French; Dictation.*

*Or, instead of French:*

*German.—Schiller—Egmont's Leben und Tod (Buchheim), Die Kraniche des Ibycus, Das Lied von der Glocke, Der Kampf mit dem Drachen; Goethe.—Torquato Tasso; German Grammar; Translation from English into German; Dictation.*

Classical Subjects for Exhibitions, September, 1895.

FIRST YEAR.—*Greek.*—Homer, Iliad, Bk. IV. or VI.; Xenophon, Anabasis, Bk. I. or V.; Homer, Odyssey, Bk. VII. or XI.

*Latin.*—Virgil, Aen., Bk. I. or II.; Cicero, in Catilinam, I., II.; or, Horace, Odes, III. and IV.; Caesar, Bell Gall., I. and II. or V. and VI.

SECOND YEAR.—*Greek.*—Xenophon, Hellenics, I. and II.; Demosthenes, Olynthiacs, I. and II.; Herodotus, Bk. III.

*Latin.*—Virgil, Georgics, Bk. I.; Horace, Odes, Bk. I; Livy, Bk. XXII.

EXEMPTIONS FROM TUITION FEES UNDER PRESENTATION SCHOLARSHIPS, ETC.

Four exemptions from tuition fees may be granted by the Board of Governors from time to time, to the most successful students who may present themselves as Candidates. By order of the Board, one of these is given annually to the Dux of the High School of Montreal, and one to the Dux of any other Academy or High School, sending up in one year for entrance, three or more Candidates competent to pass creditably the Matriculation Examination.

In the event of any Academy or High School in the Province of Quebec offering for competition among its pupils an Annual Bursary in the Faculty of Arts of not less than \$80, the Governors will add the amount of the fees of tuition thereto.

Exemptions from tuition fees, not exceeding three in number, may be given to holders of the Academy Diploma of the McGill Normal School, who, on fulfilling the required conditions, enter in the Second Year, if at the Diploma Examina-

tion they have of the marks in School Studies. One exempted High School Protestant Corporation. A. A. Examinations.

An Undergraduate required, after (see § I.), to four years, at Christmas and he is not allowed subsequently. The special those attending.

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One exemption is given annually to the pupil (boy or girl) of the Montreal High School holding a Commissioners' exemption from the Schools of the Protestant Commissioners, Montreal, who has taken the highest marks at the A. A. Examination, and is recommended by the Commissioners.

### § III. COURSE OF STUDY.

An Undergraduate, in order to attain the degree of B.A., is required, after passing the First Year Matriculation Examination (see § I.), to attend the appointed courses of lectures regularly for four years, and to pass two Examinations in each year, viz., at Christmas and in April. If he fail at any one of these examinations, he is not allowed to proceed with his course until he has passed it subsequently. (See § IV.) Undergraduates are arranged, according to their standing, as of the First, Second, Third or Fourth Year.

The special arrangements made for Honour Students and for those attending lectures in other Faculties also are stated in § V.

#### ORDINARY COURSE FOR THE DEGREE OF B.A.

##### FIRST YEAR.

**GREEK.**—HOMER.—Odyssey, Bk. XI. Xenophon.—Hellenics, Book I. Studies in History and Literature.

**LATIN.**—CICERO, De Amicitia. Sallust, Catiline. VIRGIL, Aeneid, Bk. VI.—Translation at sight.—Studies in History and Literature.—Latin Prose Composition.

**MATHEMATICS.**—Arithmetic, Euclid, six books. Algebra, to end of Quadratic equations. Plane Trigonometry, in part.

##### ENGLISH LANGUAGE AND LITERATURE.

First term.—English Composition, one lecture a week; English Literature, two lectures a week.

Second term.—MILTON'S Comus, one lecture a week. English Literature, in continuation of previous course, two lectures a week. The whole course will present an outline of English Literature from the Anglo-Saxon period to the Elizabethan inclusive.

**CHEMISTRY.**—Lectures chiefly on Elementary and Inorganic Chemistry, with experiments in the class-room, and Laboratory work if desired; the whole preparatory to the Course in Natural Science.

FRENCH.—DAREY, Principes de Grammaire française.—LA FONTAINE, Choix de Fables.—MOLIÈRE, L'Avare.—Dictation, Colloquial exercises.

*Or, instead of French, either of the following:—*

GERMAN.—VANDERSMISSEN AND FRASER'S German Grammar; JOYNES' German Reader; Dictation; Colloquial exercises.

HEBREW.—(For Theological Students only.)—*Elementary Course*.—Reading and Grammar, with oral and written exercises in Orthography and Etymology. Translation and Grammatical Analysis of Genesis.—*Text-Books*:—HARPER'S Elements of Hebrew; and Introductory Hebrew Method and Manual.

### SECOND YEAR.

GREEK.—PLATO.—Apology. Aeschylus.—Prometheus Vincetus. History of Greece.

LATIN.—HORACE.—Epistles, Bk. I.; Livy, Bk. XXI. Translation at sight, and Latin Prose Composition.

MATHEMATICS.—Arithmetic, Euclid. Algebra and Trigonometry as before.—Logarithms.—Plane Trigonometry, including solution of triangles and applications.

MATHEMATICAL PHYSICS.—Mechanics, one lecture a week.

ENGLISH LITERATURE.—A period of English Literature and one play of Shakespeare. During the session of 1894-5—The leading poets of the nineteenth century. SHAKSPERE, A Midsummer Night's Dream [Clarendon Press Edition]. TENNYSON, Gareth and Lynette.

PSYCHOLOGY AND LOGIC.—First Term.—Elementary Psychology (*Text-Book*:—MURRAY'S Handbook of Psychology, Bk. I.). Second Term.—Logic (*Text-Book*:—JEVONS' Elementary Lessons in Logic).

BOTANY.—General Morphology and Classification. Descriptive Botany. Flora of Canada. Nutrition and reproduction of plants. Elements of Histology. *Text-Books*:—Gray's Structural Botany. Penhallow's Classification. Penhallow's Guide to the Collection of Plants. Gray's Manual.

FRENCH.—RACINE, Esther.—Ponsard, l'Honneur et l'Argent.—CONTANSEAU, Précis de Littérature française depuis son origine jusqu'à la fin du XVIIe siècle. Translation into French:—DR. JOHNSON, Rasselas. Dictation. Parsing. Colloquial exercises.

*Or, instead of French, either of the following:—*

GERMAN.—VANDERSMISSEN AND FRASER'S German Grammar; Joynes' German Reader; Freytag—Die Journalisten; Uhland—Ballads and Ro-

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HEBREW.—(For Theological Students only.)—*Intermediate Course*.—Grammar.—Dr. Harper's "Elements and Methods."—Translation from the Old Testament.—Exercises;—Hebrew into English, and English into Hebrew.—Syntax.—Reading of the Masoretic notes.

For the Intermediate Examination, see § IV.

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THIRD YEAR.

GREEK.—LYSIAS.—Contra Eratosthenem.  
EURIPIDES.—Medea.

*Or, instead of Greek :—*

LATIN.—JUVENAL.—Satires VIII and XIII.  
PLINY.—Select Letters.  
Latin Prose Composition.

NATURAL PHILOSOPHY.—MATHEMATICAL PHYSICS.—GALBRAITH AND HAUGHTON'S Mechanics, viz, *Statics*, First three chapters, omitting sec. 5, chapter I., and sec. 21, chapter II.; *Dynamics*, subjects of the first five chapters. Maxwell's Matter and Motion (parts). GALBRAITH AND HAUGHTON'S Hydrostatics.

In addition to the above, the Student must take three subjects out of the two following divisions, headed Literature and Science respectively, the selection being at the option of the Student, provided two be taken from one division and one from the other.

*I. Literature, &c.*

LATIN OR GREEK.—As above, according as Greek or Latin has been chosen previously.

ENGLISH AND RHETORIC.—(A) CHAUCER'S Prologue to Canterbury Tales, ed. Morris. (B) BAIN'S Rhetoric.

MENTAL PHILOSOPHY.—First Term :—The Logic of Induction, as in MILL'S System of Logic, Book III. Second Term :—The Psychology of Cognition, as in MURRAY'S Handbook of Psychology, Book II., Part I.

FRENCH.—(If taken in the first two years). CORNEILLE, *Le Cid*.—Cogery—Third French course. Translation into French—Johnson, *Rasselas*. French Composition. Dictation.—CONTANSEAU, *Précis de Littérature française, depuis le XVIIe siècle jusqu'à nos jours*.



GERMAN.—(If taken in the first two years).—VANDERSMISSEN AND FRASER'S German Grammar; SCHILLER—Siege of Antwerp; LESSING—Minna von Barnhelm; History of German Literature; German composition; Dictation.

HEBREW.—(For Theological Students).—*Advanced Course*.—Gesenius' Grammar—Harper's Elements of Syntax. Exercises continued.—Translation from the Old Testament.—Reading of the Masoretic notes.

## II. Science.

†OPTICS AND DESCRIPTIVE ASTRONOMY.—Optics (Galbraith and Haughton). Descriptive Astronomy (Lockyer's Elementary Astronomy), English edition; first five chapters. Students are recommended to use with this an "Easy Guide to the Constellations," by Gall.

†EXPERIMENTAL PHYSICS.—Heat, Light and Sound; as in Ganot's Treatise.

ZOOLOGY.—Elementary Physiology, Embryology, morphology, development and classification of vertebrate and invertebrate forms; weekly demonstrations.

## FOURTH YEAR.

GREEK.—DEMOSTHENES.—The Olynthiacs.

*Or, instead of Greek:—*

LATIN.—TACITUS.—Annals, Book II.

Latin Prose Composition.

NATURAL PHILOSOPHY.—*Mathematical Physics*. Mechanics and Hydrostatics (as in Third Year), or Astronomy (GALBRAITH AND HAUGHTON OR BRINKLEY) and Optics (GALBRAITH AND HAUGHTON).

MORAL PHILOSOPHY.—First Term:—The Psychological Basis of Ethics. Second Term:—Ethics Proper, comprising the elementary principles of Jurisprudence and Political Science. *Text-Book*:—Murray's Introduction to Ethics.

In addition to the preceding, the Student must take three subjects out of the two following divisions (headed Literature and Science respectively), the selection being at the option of the Student, provided all three are not taken out of the same division.

### I. Literature, etc.

LATIN OR GREEK.—As above, according as Greek or Latin has been taken above.

HISTORY.—Lectures on the History of Europe from the downfall of the Roman Empire of the West to the Reformation. *Text-Books*:—MYERS,

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Mediæval and Modern History, pp. 1-398; BRYCE, Holy Roman Empire (omit chaps. 6, 8, 9, 13, and Supplementary chapter).

FRENCH.—(If taken in Third Year.)—Bonnefon, *Les Ecrivains modernes de la France*. Translation into French. Morley's Ideal Commonwealths. Dictation. CORNEILLE, *Le Cid*.

GERMAN.—(If taken in Third Year.)—Goethe—*Aus meinem Leben*; SCHILLER—*Wallenstein*; German Grammar and Composition; Dictation; History of German Literature.

HEBREW.—(For Theological Students.)—Advanced Course continued.

## II. Science.

†ASTRONOMY AND OPTICS.—If not chosen as above.

†EXPERIMENTAL PHYSICS.—Electricity and Magnetism, as in GANOT'S Treatise.

MINERALOGY AND GEOLOGY.—1. *Mineralogy and Petrography*. Minerals and rocks, especially those important in Geology or useful in the Arts. 2. *Stratigraphy, Chronological Geology and Palæontology*.—Data for determining the relative ages of Formations. Classification according to age. Fauna and Flora of the successive periods. Geology of British America. *Text-Book*.—Dawson's Handbook of Canadian Geology.

For the B.A. Examinations see § IV.

### NOTE ON THE ORDINARY COURSE FOR B.A.

Instead of two distinct subjects in one of the above divisions in either Third or Fourth Year, the student may select one subject only, together with an *Additional Course* in the same or any other of his subjects in which such Additional Course may have been provided by the Faculty, under the above rules, provided he has been placed in the first class in the corresponding subject at the preceding Sessional Examination (viz., Intermediate or Third Year, according to standing).

The Additional Course is intended to be more than an equivalent in the amount of work involved for any of the other subjects in the division.

(For details of additional courses provided, see under Section XIII.)

Undergraduates are required to study either French or German for two years (viz., in the First and Second Years), taking the same language in each year. Any Student failing to pass the Examination at the end of the Second Year will be required to pass a Supplemental Examination, or to take an additional Session in the language in which he has failed. In addition to the obligatory, there are other lectures, attendance on which is optional.

Students who intend to join any Theological School, on giving written notice to this effect at the beginning of the First Year, may take Hebrew instead of French or German.

Undergraduates who have been previously Partial Students, and have in this capacity attended a particular Course or Courses of Lectures, may, at the discretion of the Faculty, be exempted from further attendance on these Lectures but no distinction shall in consequence be made between the Examination of such Undergraduates and of those regularly attending Lectures.

† Students claiming exemptions (see § V.) cannot count these subjects for the B.A. if they have not taken the Third Year Mathematical Physics.

#### HONOUR COURSES.

*Third and Fourth Years.*

1. CLASSICAL LANGUAGES AND LITERATURE.
2. MATHEMATICS AND PHYSICS.
3. MENTAL AND MORAL PHILOSOPHY.
4. ENGLISH LANGUAGE, LITERATURE AND HISTORY.
5. GEOLOGY AND OTHER NATURAL SCIENCES.
6. MODERN LANGUAGES WITH HISTORY
7. SEMITIC LANGUAGES.

Honours are given in Mathematics in the First and Second Years also.

Candidates for Honours are allowed exemptions under conditions stated in §V.

#### § IV. EXAMINATIONS.

##### COLLEGE EXAMINATIONS.

*For Students of McGill College only.*

1. There are two examinations in each year—one at Christmas and the other at the end of the Session. In each of these the Students who pass are arranged according to their answering as 1st Class, 2nd Class and 3rd Class.

In the Fourth Year only, the University Examination for B.A. takes the place of the Sessional Examinations.

2. Students who fail in any subject at the Christmas Examinations are required to pass a Supplemental Examination (if permission be obtained from the Faculty) on that subject before admission to the Sessional Examinations.

3. Undergraduates who fail in one subject at the Sessional Examinations of the first two years are required to pass a Supplemental

Examination in the following Session in the subject of the Ordinary attending lectures.

4. Failure in any of the first three Sessional Examinations of the Faculty may permit a Supplemental Examination in the Session. For Mathematics are each

5. A list of the Examinations for the Supplemental examination will be given on the permission of the

*For Students of*

There are three examinations in the *Intermediate*, and the Fourth Year.

1. The subject of the Examination is Section I.

2. In the *Intermediate* and Pure Mathematics and other Modern Languages are allowed to take Examinations in subjects for the examination

*Classics.*—Greek.—Horace.—position



Examination in it. Should they fail in this, they will be required in the following Session to attend the Lectures and pass the Examination in the subject in which they have failed, in addition to those of the Ordinary Course, or to pass the Examination alone without attending lectures, at the discretion of the Faculty.

4. Failure in two or more subjects at the Sessional Examinations of the first two years, or in one subject at the third year Sessional Examinations, involves the loss of the Session. The Faculty may permit the student to recover his standing by passing a Supplemental Examination at the beginning of the ensuing Session. For the purpose of this Regulation, Classics and Mathematics are each regarded as two subjects.

5. A list of those to whom the Faculty may grant Supplemental Examinations will be published after the examination. The time for the Supplemental Examination will be fixed by the Faculty; the examination will not be granted at any other time, except by special permission of the Faculty, and on payment of a fee of \$5.

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## UNIVERSITY EXAMINATIONS.

*For Students of McGill College and of Colleges affiliated in Arts*

### I. FOR THE DEGREE OF B.A.

There are three University Examinations: The *Matriculation*, at entrance; the *Intermediate*, at the end of the Second Year; and the *Final*, at the end of the Fourth Year.

1. The subjects of the Matriculation Examination are stated in Section I.

2. In the Intermediate Examination, the subjects are Classics and Pure Mathematics, Logic, and the English Language, with one other Modern Language, or Botany. Theological Students are allowed to take Hebrew instead of a Modern Language. The subjects for the examination of 1895 are as follows:—

*Classics.*—Greek.—Plato, Apology; Aeschylus, Prometheus Vincetus. Latin.—Horace, Epistles, Bk. I.—Livy, Bk. XXI. Latin Prose Composition, and Translation at sight of Latin into English.

*Mathematics.*—Arithmetic.

Euclid, Books I., II., III., IV., VI., and defs. of Book V.  
Algebra, to Quadratic Equations inclusive (as in Colenso).  
Trigonometry, including use of Logarithms.

*Logic.*—Jevons' Elementary Lessons in Logic.

*English.*—Spalding's History of English Literature, or Lectures (see course). A paper on the essentials of English History (Buckley). Essay on a subject to be given at the time of the Examination.

With one of the following :—

1. *Botany.*—Structural and Systematic Botany, as in Gray's Text-Book, with descriptive analysis of plants.
2. *French.*—Ponsard :—l'Honneur et L'Argent. Racine :—Esther. Contanseau :—Précis de la Littérature française from the beginning to the XVIIIth century. Translation into French :—Rasselas. Grammatical questions.
3. *German.*—Vandersmissen & Fraser's German Grammar ; Joynes' German Reader ; Freytag—Die Journalisten ; Uhland—Ballads and Romances (Macmillan's Foreign School Classics) ; Translation at sight ; Dictation ; Colloquial exercises.
4. *Hebrew.*—Genesis—chap. III., IV. Exodus—chap. X., XI. Deuteronomy, —chap. V. Exercises : Hebrew into English, and English into Hebrew. Syntax. Reading of the Masoretic notes, the Septuagint version and the Vulgate.

3. For the Final or B.A. Ordinary Examination the subjects are those appointed as obligatory in the Third and Fourth Years, viz., Latin or Greek ; Mathematical Physics (Mechanics and Hydrostatics), or Astronomy and Optics ; Moral Philosophy ; and those three subjects which the Candidate may have selected for himself in the Third and Fourth Years. (See § III.)

The subjects in detail for 1895 are as follows :—

1. *Greek.*—Demosthenes, The Olynthiacs ; Euripides, Medea.  
(Or Latin, as follows) :—
2. *Latin.*—Tacitus, Annals, Book II. ; Juvenal, Satt. VIII. and XIII.

*Mathematical Physics.*

1. Mechanics and Hydrostatics, as in Galbraith & Haughton's text-books, with parts of Maxwell's "Matter and Motion" ; or \*Optics and Astronomy.

*Mental and Moral Philosophy.*

- Murray's Introduction to Ethics,  
\*Additional Courses as in § XIII

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*Natural Science.*

Mineralogy and Geology, as in Dana's Manual and Dawson's Handbook of Canadian Geology.

\*Practical Geology and Palæontology; or Practical Chemistry, as in § XIII.

*Experimental Physics.*

Electricity and Magnetism. (See courses of Lectures § XIII.)

*History.*

Myers :—Mediæval and Modern History; Bryce's Holy Roman Empire (omit Chaps. 6, 8, 9, 13, and Supplementary Chapter).

\*Additional Course as in § XIII.

*French.*

The Course of French for the Fourth Year.

\*The subjects of the Additional Course as in § XIII.

*German.*

The course of German for the Fourth Year.

\*Additional Course as in § XIII.

*Hebrew (Theological Students).*

Isaiah LIII; Ezekiel XXXVII; Job XXXVIII to XLII; Psalms XXXI to XXXV. Translation at sight.

Gesenius' Grammar; Harper's Elements of Syntax; Reading of the Masoretic notes, the Septuagint Version and the Vulgate.

Additional Courses (see § XIII).

For details of each subject, see Courses of Lectures, § XIII.

At the B.A. Ordinary Examination, of the Candidates who obtain the required aggregate marks, only those who pass in the First Class in three of the departments, and not less than Second Class in the remainder, shall be entitled to be placed in the First Class for the Ordinary Degree.

4. Every Candidate for the Degree of B.A. is required to make and sign the following declaration :—

“Ego——polliceor sancteque recipio me, pro meis viribus studiosum fore communis hujus Universitatis boni, et operam daturum ut ejus decus et dignitatem promoveam.”



## II. FOR THE DEGREE OF M.A.

1. A Candidate must be a Bachelor of Arts of at least three years standing.

*Thesis.*

2. He is required to prepare and submit to the Faculty a thesis on some literary or scientific subject, under the following rules:—

(a) The subject of the thesis must be submitted to the Faculty before the thesis is presented.

(b) A paper read previously to any association, or published in any way, cannot be accepted as a thesis.

(c) The thesis submitted becomes the property of the University, and cannot be published without the consent of the Faculty of Arts.

(d) The thesis must be submitted before some date to be fixed annually by the Faculty, not less than two months before proceeding to the Degree.

*The last day in the session of 1894-95 for sending in Theses for M.A. will be Jan. 31st, 1895.*

*Examination.*

3. All Candidates, except those who have taken First or Second Rank B.A. Honours, or have passed First Class in the Ordinary Examinations for the Degree of B.A., are required to pass an examination also, either in Literature or in Science, as each Candidate may select.

(a) The subjects of the Examination in *Literature* are divided into two groups as follows:—

Group A.—1. Latin. 2. Greek. 3. Hebrew.

Group B.—1. French. 2. German. 3. English.

(b) The subjects for the Examination in *Science* are divided into three groups:—

Group A.—Pure Mathematics (Advanced or Ordinary). 2. Mechanics (including Hydrostatics). 3. Astronomy. 4. Optics.

Group B.—1. Geology and Mineralogy. 2. Botany. 3. Zoology. 4. Chemistry.

Group C.—  
Logic. 4. F

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Group C.—1. Mental Philosophy. 2. Moral Philosophy. 3. Logic. 4. History of Philosophy.

(c) Every candidate in Literature is required to select two subjects out of one group in the literary section, and one out of the other group in the same section for the Examination. Every Candidate in Science is required to select two out of the three groups in the Scientific section; and in one of the groups so chosen to select two subjects, and in the other group one subject for Examination.

(d) One of the subjects selected as above will be considered the principal subject (being so denoted by the candidate at the time of application), and the other two as subordinate subjects.

(e) The whole examination may be taken in one year, or distributed over two or three years, provided the examination in any one subject is not divided.

For further details of the examination, application must be made to the Faculty before the above date. For fees, see § XII. (In case of failure, the candidate may present himself in a subsequent year without further payment of fees.)

*Lectures to Bachelors of Arts.*

Lectures are open to Bachelors of Arts who are candidates for M.A., the sessional examinations corresponding to these lectures being reckoned as parts of the M.A. examination. The subjects are Greek, Latin, English, Mental and Moral Philosophy, Chemistry, Botany, Geology and Mineralogy, French, German.

III. FOR THE DEGREE OF LL.D.

This Degree is intended as an incentive to and recognition of special study by Masters of Arts in some branch of Literature or Science. The thesis or short printed treatise referred to below is regarded as the chief test of the candidate's mastery of the subject he has chosen and of his power of handling it. A very wide range of choice is allowed in order to suit individual tastes.

The following are the regulations:—

I. Candidates must be Masters of Arts of at least twelve years standing. Every candidate for the Degree of LL.D. in course is required to prepare and submit to the Faculty of Arts, not less than three months before proceeding to the degree, twenty-five printed copies of a thesis on some Literary or Scientific *subject pre-*

*viously approved* by the Faculty, and possessing such a degree of Literary or Scientific merit, and evidencing such originality of thought or extent of research as shall, in the opinion of the Faculty, justify it in recommending him for that degree.

N.B.—The subject should be submitted before the Thesis is written.

II. Every Candidate for the Degree of LL.D. in Course is required to submit to the Faculty of Arts, with his thesis, a list of books, treating of some one branch of Literature or of Science, satisfactory to the Faculty, in which he is prepared to submit to examination, and on which he shall be examined, unless otherwise ordered by vote of the Faculty. For fees, see § XII.

#### §V. SPECIAL PROVISIONS FOR CANDIDATES FOR HONOURS AND FOR PROFESSIONAL STUDENTS.

The Honour lectures are open to Undergraduates only, and no Undergraduate is permitted to attend unless (a) he has been placed in the First Class in the subject at the preceding Sessional Examination, if there be one, and has (b) satisfied the Professor that he is otherwise qualified. (c) While attending lectures his progress must be satisfactory to the Professor; if not satisfactory, he may be notified by the Faculty to discontinue attendance.

##### *I. Candidates for Honours in the Second Year.*

Candidates for Honours in the Second Year have obtained Honours in the First Year may omit the lectures and examinations either in Modern Languages (or Hebrew) or Botany, giving notice of the subject at the beginning of the session.

##### *II. Candidates for Honours in the Third Year.*

Every Candidate for Honours in the Third Year must, in order to obtain exemptions, have passed the Intermediate Examination, and must in the Examinations of the Second Year have taken First Rank Honours, if Honours be offered in the subjects, or if not, First Class at the Ordinary Sessional Examinations in the subject in which he proposes to compete for Honours, and be higher than Third Class in the majority of the remaining subjects; such Candidates shall be entitled in the Third Year to exemption from lectures and examinations in any one of the subjects required by the general rule (see § III.) except that in which he is a Candidate for Honours. A Candidate for Honours in the Third Year who has failed to obtain Honours shall be required to take the same examinations for B.A. as the ordinary Undergraduates.

A Student who desires to be a candidate for one of the courses corresponding to the above, however, who is not allowed credit for previous years, must certify that he has passed as well as Part I., Honours in the same subject in the same department, and take the same examination as the same department.

NOTE.—For

Students of the Faculty of Medicine, or of the Faculty of Arts, who are entitled to attend in the Third and Fourth Years, see § IV.)

To be allowed exemption from the commencement of the Third Year, a student must claim exemptions on his session certificate for the year for which

##### *V. Students*

1. These students must be examined in the same manner as the ordinary Undergraduates.

2. The Faculty of Arts, in the Faculty of Arts, and attendance on several examinations in the Ordinary Sessional Examinations.

3. Undergraduates who have passed B.A. until they have passed Hebrew in the First Year.

4. In the Third Year, as above.

\*Any student who has failed in Mental Physics is required to take the same examination in the First Year.



### III. Candidates for B.A. Honours.

A Student who has taken Honours of the first rank in the Third Year; and desires to be a Candidate for B.A. Honours, shall be required to attend two only of the courses of lectures given in the ordinary departments, and to pass the two corresponding examinations only at the ordinary B.A. Examination. Candidates, however, who at the B.A. Examinations obtain Third Rank Honours, will not be allowed credit for these exemptions at the end of the Session, unless the Examiners certify that the knowledge shown of the whole Honour Course (Part II. as well as Part I.) is sufficient to justify it. A Student who has taken Second Rank Honours in the Third Year, and desires to be a Candidate for B.A. Honours in the same subject, shall be allowed to continue in the Fourth Year the study of the same departments that he has taken in the Third Year, but shall be required to take the same number of subjects as in the Ordinary Course.

NOTE.—For subjects of Ordinary Course see § III.

### IV. Professional Students.

Students of the Third and Fourth Years, matriculated in the Faculties of Law, Medicine, or Applied Science, of the University, or in any affiliated Theological College, are entitled to exemption from any one of the Ordinary subjects required in the Third and Fourth Years. (For rule concerning "Special Certificates," see § IV.)

To be allowed these privileges in either year, they must give notice at the commencement of the session to the Dean of the Faculty of Arts of their intention to claim exemptions as Professional Students, and must produce at the end of the session certificates of attendance on a full course of Professional Lectures during the year for which the exemption is claimed.

### V. Students of the University attending Affiliated Theological Colleges.

1. These students are subject to the regulations of the Faculty of Arts in the same manner as other Students.

2. The Faculty will make formal reports to the Governing body of the Theological College which any such students may attend, as to:—(1) their conduct and attendance on the classes of the Faculty; and (2) their standing in the several examinations; such reports to be furnished after the Christmas and Sessional Examinations severally, if called for.

3. Undergraduates are allowed no exemptions in the course for the Degree of B.A. until they have passed the Intermediate Examination; but they may take Hebrew in the First or Second Years, instead of French or German.

4. In the Third and Fourth Years they are allowed exemptions, as stated above.

\*Any student who, under any of the above rules, desires to take Experimental Physics is required to take Mechanics and Hydrostatics also, in the Third Year.

§ VI. MEDALS, HONOURS, PRIZES AND CLASSING.

1. Gold Medals will be awarded in the B.A. Honour Examinations to Students who take the highest Honours of the First Rank in the subjects stated below, and who shall have passed creditably the Ordinary Examinations for the Degree of B.A., provided they have been recommended therefor to the Corporation by the Faculty on the report of the Examiners:—

The *Henry Chapman Gold Medal*, for Classical Languages and Literature.

The *Prince of Wales Gold Medal*, for Mental and Moral Philosophy.

The *Ann. Molson Gold Medal*, for Mathematics and Natural Philosophy.

The *Shakespeare Gold Medal*, for the English Language, Literature and History.

The *Logan Gold Medal*, for Geology and other Natural Sciences.

*Major Hiram Mills Gold Medal*, for a subject to be chosen by the Faculty from year to year.

If there be no candidate for any Medal, or if none of the candidates fulfil the required conditions, the Medal will be withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which the Medal was intended. For details, see announcements of the several subject below.

2. HONOURS of First, Second or Third Rank will be awarded to those Undergraduates who have successfully passed the Examinations in any Honour Course established by the Faculty, and have also passed creditably the ordinary Examinations in all the subjects proper to their year.

The Honour Examinations are each divided into two parts, separated by an interval of a few days, under the following regulations:—

(a) No Candidate will be admitted to Part II., unless he has shown a thorough and accurate knowledge of the course appointed for Part I.

(b) The names of the successful Candidates in Part I. will be announced before Part II. begins.

(c) First or Second Rank Honours will be awarded to those Candidates only who are successful in Part II.

(d) Third Rank Honours will be awarded to those who are successful in Part I alone.

*By an Order of the Senate of this University of the School Inspection of Teachers*

3. SPECIALLY EXAMINED B.A. who shall obtain marks in the the First Class. At Examinations (see § 1) obtained First Class examined;

4. CERTIFICATE OF MERIT those Undergraduates who obtain three-fourths of the marks proper to the subjects, and who have passed in the Year the course of B.A.

5. PRIZES awarded to those who make a particular class in their year.

6. HIS EXCELLENCY'S GOLD MEDAL awarded with Honours as announced.

(a) The Rules

(1) The subject of the portion of the History of the Shakespeare Medal.

(2) The Court of the Lecturer on History of the Fourth Years.

(3) The success of the languages corrected.

*By an Order of the Lieutenant-Governor of Ontario in Council, Honours in this University confer the same privileges in Ontario as Honours in the Universities of that Province as regards certificates of eligibility for the duties of Public School Inspectors, and as regards exemption from the non-professional Examination of Teachers for first-class Certificates for Grades "A and B."*

3. SPECIAL CERTIFICATES will be given to those Candidates for B.A. who shall have been placed in the First Class at the ordinary B.A. Examination ; have obtained three-fourths of the maximum marks in the aggregate of the studies proper to their year ; are in the First Class in not less than half the subjects, and have no Third Class. At this examination, no Candidate who has taken exemptions (see § V.) can be placed in the first-class unless he has obtained First Class in four of the departments in which he has been examined ; he must have no Third Class.

4. CERTIFICATES of High General Standing will be granted to those Undergraduates of the first two years who have obtained three-fourths of the maximum marks in the aggregate of the studies proper to their year, are in the First Class in not less than half the subjects, and have not more than one Third Class. In the Third Year the conditions are the same as for the Special Certificate for B.A.

5. PRIZES OR CERTIFICATES will be given to those Undergraduates who may have distinguished themselves in the studies of a particular class and have attended all the other classes proper to their year.

6. His Excellency the Earl of Aberdeen has been pleased to offer a GOLD MEDAL for the study of Modern Languages and Literature, with History, or for First Rank General Standing, as may be announced.

(a) The Regulations for the former are as follows :—

(1) The subjects for competition shall be French and German, together with a portion of the History prescribed for the present Honour Course for the Shakespeare Medal. Information concerning the History may be obtained from the Lecturer on History.

(2) The Course of Study shall extend over two years, viz., the Third and Fourth Years.

(3) The successful Candidate must be capable of speaking and writing both languages correctly.



(4) There shall be examinations in the subjects of the course in both the Third and Fourth Years, at which Honours may be awarded to deserving Candidates.

(5) The general conditions of competition and the privileges as regards exemptions shall be the same as for the other Gold Medals in the Faculty of Arts.

(6) Students from other Faculties shall be allowed to compete, provided they pass the examinations of the Third and Fourth Years in the above subjects.

(7) Candidates desiring to enter on the Third Year of the Course, who have not obtained first-class standing at the Intermediate or Sessional Examinations of the Second Year in Arts, are required to pass an examination in the work of the first two years of the Course in Modern Languages, if called on to do so by the Professors.

8. The subjects of Examination shall be those of the Honour Course in Modern Languages.

(b) The Regulations for the Gold Medal, if awarded for First Rank General Standing, are as follows :—

(1) The successful Candidate must take no exemptions or substitutes of any kind, whether Professional or Honour, in the Ordinary B.A. Examinations.

(2) He shall be examined in the following subjects :—

(a) *Classics* (both languages); (b) *Mixed Mathematics* :—*Mechanics, Hydrostatics, Optics, Astronomy*; (c) *Moral Philosophy*; and any two of the following subjects, or any one of them with its Additional Course: (d) Natural Science; (e) Experimental Physics; (f) English and History; (g) French; (h) German.

(3) His answering must satisfy special conditions laid down by the Faculty.

(4) The same Candidate cannot obtain the Gold Medal for First Rank General Standing and also a Gold Medal for First Rank Honours.

7. THE NEIL STEWART PRIZE of \$18 is open to all Undergraduates of this, and also to Graduates of this or any other, University, studying Theology in any College affiliated to this University under the following rules :—

(1) The prize will not be given for less than a thorough examination on Hebrew Grammar passed in the First Class, in reading and translating the Pentateuch, and such poetic portions of the Scriptures as may be determined.

(2) In case competitors should fail to attain the above standard, the prize will be withheld, and a prize of \$36 will be offered in the following year for the same.

[Course for the present year :—Hebrew Grammar (Gesenius); Translation and analysis of Exodus; Isaiah XL. to the end of the book.]

(3) There will be two Examinations of three hours each—one in Grammar and the other in Translation and Analysis.

This Prize terminated late Neil Ste

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11. SCIENCE COMMISSION FOR £150 sterling stances, three y the Commission Mechanics and important for o facilitate ordina continue the pro advance or in its Two nominati

This Prize, founded by the late Rev. C. C. Stewart, M.A., and terminated by his death, was re-established by the liberality of the late Neil Stewart, Esq., of Vankleek Hill.

8. EARLY ENGLISH TEXT SOCIETY'S PRIZE.—The prize, the annual gift of the Early English Text Society, will be awarded for proficiency in (1) Anglo-Saxon, (2) Early English before Chaucer.

The subjects of Examination will be :—

(1) The Lectures of the Third and Fourth Years on Anglo-Saxon.

(2) Specimens of Early English, Clarendon Press Series, ed. Morris and Skeat, Part II., A.D. 1298—A.D. 1393. The Lay of Havelock the Dane (Early English Text Society, ed. Skeat).

9. NEW SHAKSPERE SOCIETY'S PRIZE.—This Prize, the annual gift of the New Shakespeare Society, open to Graduates and Undergraduates, will be awarded for a critical knowledge of the following plays of Shakspeare :—

Hamlet ; Macbeth ; Othello ; King Lear.

10. "CHARLES G. COSTER MEMORIAL PRIZE."—This Prize, intended as a tribute to the memory of the late Rev. Chas. G. Coster, M.A., Ph.D., Principal of the Grammar School, St. John, N.B., is offered by Colin H. Livingstone, Esq., B.A., to the Undergraduates (men or women) from the Maritime Provinces, Nova Scotia, New Brunswick and Prince Edward Island. In April, 1895, it will be awarded to that Undergraduate of the First, Second or Third Year, from the above Provinces, who, in the opinion of the Faculty, has passed the most satisfactory Sessional Examinations, under certain conditions laid down by the donor.

11. SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSION FOR THE EXHIBITION OF 1851.—These scholarships of £150 sterling a year in value are tenable for two or, in rare instances, three years. They are limited, according to the Report of the Commission "to those branches of Science (such as Physics, Mechanics and Chemistry) the extension of which is specially important for our national industries." Their object is, not to facilitate ordinary collegiate studies, but "to enable students to continue the prosecution of science with the view of aiding in its advance or in its application to the industries of the country."

Two nominations to these scholarships have already been

placed by the Commission in 1891 and 1893 at the disposal of McGill University, and have been awarded.

When nominations are offered, they are open to Students of not less than three years standing in the Faculties of Arts or Applied Science, and are tenable at any University or at any other Institution approved by the Commission.

12. The names of those who have taken Honours, Certificates or Prizes will be published in order of merit, with mention, in the case of Students of the First and Second Years, of the schools in which their preliminary education has been received.

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#### § VII. BOARDING HOUSES.

Board and rooms can be obtained at a cost of from \$15 to \$25 per month: Rooms only, from \$4 to \$10 per month: Board only, from \$12 to \$18 per month.

Students can obtain a list of Boarding Houses on application to the Secretary.

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#### § VIII. ATTENDANCE AND CONDUCT.

All Students shall be subject to the following regulations for attendance and conduct:—

1. A Class-book shall be kept by each Professor or Lecturer, in which the presence or absence of Students shall be carefully noted; and the said Class-book shall be submitted to the Faculty at all their ordinary meetings during the Session.

2. Each Professor shall call the roll immediately at the beginning of the lecture. Credit for attendance on any lecture may be refused on the grounds of

lateness, inattentiveness, in the case of a student, be required to be referred to the Dean of Faculty, who may refer the matter to the Faculty, which may suspend from Class.

3. Absence from duty, of which the number of times of absence during a session shall be limited.

4. While in the presence of a Professor observing the conduct of a student, the Professor may admonish the student.

5. Every student shall be liable to expulsion from the walls of the College.

6. When a student is expelled from the Faculty may refer the matter to the Faculty for expiation for expenses.

7. Any student who is expelled in each year is liable to expulsion.

8. Any student who is expelled the same at his expulsion as the Faculty may refer the matter to the Faculty for expiation for expenses.

9. All cases of expulsion or of the University in his absence, to be referred to the Faculty.

[NOTE.—All cases of expulsion about the College to the Faculty of Arts, except at the request of the Faculty of Arts.]



lateness, inattention or neglect of study, or disorderly conduct in the class-room. In the case last mentioned, the student may, at the discretion of the Professor, be required to leave the class-room. Persistence in any of the above offences against discipline, after admonition by the Professor, shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting; and may in the interval suspend from Classes.

3. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a session shall in each case be determined by the Faculty.

4. While in the College, or going to or from it, students are expected to conduct themselves in the same orderly manner as in the class rooms. Any Professor observing improper conduct in the College buildings or grounds may admonish the student, and, if necessary, report him to the Dean.

5. Every student is required to attend regularly the religious services of the denomination to which he belongs, and to maintain, without as well as within the walls of the College, a good moral character.

6. When students are brought before the Faculty under the above rules, the Faculty may reprimand, report to parents or guardians, impose fines, disqualify from competing for prizes or honors, suspend from classes, or report to the Corporation for expulsion.

7. Any student who does not report his residence on or before November 1st in each year is liable to a fine of one dollar.

8. Any student injuring the furniture or buildings will be required to repair the same at his own expense, and will, in addition, be subject to such other penalty as the Faculty may see fit to inflict.

9. All cases of discipline involving the interests of more than one Faculty, or of the University in general, shall be immediately reported to the Principal, or, in his absence, to the Vice-Principal.

[NOTE.—All Students are required to appear in Academic dress while in or about the College buildings. Students are requested to take notice that petitions to the Faculty on any subject cannot, in general, be taken into consideration, except at the regular meetings appointed in the Calendar.]

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## § IX. LIBRARY.

Librarian:—C. H. GOULD, B.A.

Assistant Librarian:—H. MOTT.

*Extract from the Regulations.*

1. The books in the Library are classed in two divisions:—1st, Those which may be lent; and 2nd, those which may not, under any circumstances, be removed from the Library. The classification shall be determined by the Librarian.

2. Students in the Faculty of Arts or of Applied Science, who have paid the Library fee, may borrow books on depositing the sum of \$5 with the Bursar, which deposit, after the deduction of any fines due, will be repaid at the end of the session on the certificate of the Librarian or his assistant that the books have been returned uninjured.

3. Students may borrow not more than three volumes at one time, except on the recommendation in writing of a Professor for specified books, and must return them within two weeks, on penalty of a fine of 5 cents a volume for each day of detention. An additional deposit of \$4 entitles a student to borrow two extra volumes.

4. A student incurring fines beyond the sum total of \$1 shall be debarred the use of the Library until they have been paid.

5. Any volume, or volumes, lost or damaged by any person shall be replaced or paid for at such rates as the Library Committee may direct; and such rate of payment shall be determined by the value of the book itself, or of the set to which the volume belongs. And, further, any person found guilty of wilfully damaging any book, either by defacement or mutilation, or in any other way shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

6. Graduates in any of the Faculties, on making a deposit of \$5, are entitled to the use of the Library, subject to the same rules and conditions as Students; but they are not required to pay the annual Library fee.

7. Graduates residing beyond the City limits, and applying for the loan of books from the Library, shall not receive such books without the sanction of the Librarian, and depositing the value of the books with the Bursar of the College.

8. Members of the McGill College Book Club, on presenting annually a certificate of their membership, are by special regulation of Corporation entitled to the use of Library on the same conditions as Graduates, but they are not required to make a deposit.

9. Students in the Faculties of Law and Medicine, who have paid the Library fee to the Bursar, may read in the Library, and, on depositing the sum of \$5 with the Bursar, may borrow books on the same conditions as Students in Arts. They are required to present their Matriculation Tickets to the Bursar and to the Librarian or his assistant.

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10. Persons not connected with the College may consult books in the Library on obtaining an order from any of the Governors, or from the Principal, or the Dean of the Faculty of Arts or of Applied Science, or from any of the Professors in the said Faculties. Donors of books or money to the amount of fifty dollars may at any time consult books on application to the Librarian.

11. The Library is kept open from 9 a.m. to 6 p.m. and from 8 p.m. to 10 p.m. daily, during the Session except on Saturdays. During the summer the hours are from 9.00 a.m. to 5.00 p.m., and no person is allowed in the Library except during these hours.

12. A person desiring to read or to borrow a book, which he has ascertained from the Catalogue to be in the Library, will fill up one of the blank forms provided for Readers and Borrowers respectively, and hand it to a Library Assistant, who will thereupon procure him the book.

13. Readers must return the books they have obtained to a Library Assistant before leaving the Library.

14. No conversation is permitted in the Library.

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#### § X. PETER REDPATH MUSEUM.

1. The Museum will open every lawful day from 9 a.m. till 5 p.m., except when closed for any special reason by order of the Principal or Committee.

2. Students will obtain tickets of admission from the Principal on application.

3. Students will enter by the front door only, except when going to lectures.

4. Any students wilfully defacing or injuring specimens, or removing the same, will be excluded from access to the Museum for the session.

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#### § XI. McDONALD PHYSICS BUILDING.

The Building contains five storeys, each of 8,000 square feet area. Besides a lecture theatre and its apparatus rooms, it includes an elementary laboratory nearly 60 feet square; large special laboratories arranged for higher work by advanced students in Heat and Electricity, a range of rooms for optical work and photography; separate rooms for private thesis work by students; and two large laboratories arranged for research, provided with solid piers and the usual standard instruments. There are also a lecture room, with apparatus room attached, for Mathematical Physics, a special physical library, and convenient workshops. The equipment is on a corresponding scale, and comprises: (1) apparatus for illustrating lectures; (2) simple forms of the principal instruments for use by the students in practical work; (3) the most recent types of all the important instruments for exact measurement, by first class makers, for use in the laboratories for special work and research.



§ XII. FEES.

All fees and fines are payable to the Bursar of the College.

I. *Undergraduates*.—\$37.00 per session, including Library, Gymnasium, Matriculation and the fee heretofore paid for the B.A. degree.

II. *Partial Students*.—\$8.00 per session for one course of lectures including the use of the Library; \$4.00 per session for each additional course.

*Special Fees.*

<i>Laboratory and Practical Classes, viz., Chemistry, Botany, Physics, each per session (optional)</i> .....	\$10 00
<i>Elocution (optional)</i> .....	3 00
<i>Petrography (optional)</i> .....	\$5 00
<i>Gymnasium (for partial students) optional</i> .....	2 50
<i>Supplemental Examination, at date fixed by Faculty</i> .....	2 00
<i>Supplemental Examination, when granted at any other time than that fixed by the Faculty</i> .....	5 00
<i>Fee for a certificate of standing, if granted to a student on application</i> ..	1 00
<i>Fee for a certificate of standing, if accompanied by a statement of classification in the several subjects of examination</i> .....	2 00
<i>Examination Fee for Students of Affiliated Theological Colleges who present themselves for the entrance examination without intending to become Undergraduates</i> .....	10 00
<i>Matriculation Certificate, for Students intending to enter the Medical Faculty</i> .....	2 50

“Special” fees are additional to the regular fees paid by Undergraduates or Partial Students, but are payable only for the classes (optional) or objects named above.

N.B.—The lectures in one subject in any one of the four college years constitute a “Course.”

*Graduates in Arts* are allowed to attend, without payment of fees, all lectures except those noted as requiring a special fee.

The fees must be paid to the Secretary, and the tickets shown to the Dean, within a fortnight after the commencement of attendance in each session. In case of default, the student's name will be removed from the College books, and can be replaced thereon only by permission of the Faculty, and on payment of a fine of \$3.

[All fines are applied to the purchase of books for the Library.]

<i>Fee for the degree of M.A.</i> .....	10 00*
“ “ “ <i>LL.D.</i> .....	50 00*

If the degree of M.A. be granted, with permission to the Candidate, on special grounds, to be absent from Convocation, the fee is \$25.00.

The M.A. or LL.D. fee must be sent with the thesis to the Secretary of the

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University. This is a condition essential to the reception of the application. The Secretary will then forward the thesis to the Dean of the Faculty.

\*A Bachelor of Arts or a Master of Arts intending to proceed to a higher Degree is required, *in addition* to the above, to keep his name on the books of the University, by the annual payment of a fee of \$2 to the Registrar of the University. He may, if he prefer it, compound for the above annual fees, by the payment of \$6 in one sum for the Master's Degree, or \$30 for the Doctor Degree, on or before the date of application for the Degree.

*Extract from the Regulations of the Board of Governors for  
Election of Fellows under Chap. V. of the  
Statutes of the University.*

“From and after the graduation of 1888, all new Graduates shall pay a Registration Fee of \$2.00 at the time of their graduation, in addition to the Graduation Fee; and shall be entered in the University list as privileged to vote, and shall have voting-papers mailed to them by the Secretary.”

§ XIII. COURSES OF LECTURES.

I. ORDINARY COURSE.

1. CLASSICAL LITERATURE AND HISTORY.

(MAJOR H. MILLS PROFESSORSHIP OF CLASSICS.)

Professor:—REV. G. CORNISH, M.A., LL.D.

Associate Professor:—A. J. EATON, M.A., PH.D.

Sessional Lecturer:—JOHN L. DAY, B.A.

GREEK.

*First Year.*—Homer.—Odyssey, Bk. XI. Xenophon.—Hellenics, Book I.

*Second Year.*—Plato—Apology. Aeschylus.—Prometheus Vincetus. History of Greece.

*Third Year.*—Lysias.—Contra Eratosthenem. Euripides.—Medea.

*Fourth Year.*—Demosthenes.—The Olynthiacs.

LATIN.

*First Year.*—Cicero.—De Amicitia. Sallust.—Catiline. Virgil.—Aeneid, Book VI. Latin Prose Composition and Translation at Sight.—Bender's Roman Literature.—History of Rome.

*d* Year.—Livy, Bk. XXI.—Horace, Epistles, Bk. I. Translation at sight of passages from Cicero and Livy, and Latin Prose Composition based upon selections from the same authors.

*Third Year.*—Juvenal.—Satires VIII. and XIII. Pliny, Select Letters. Latin Prose Composition.

*Fourth Year.*—Tacitus.—Annals, Book II. Latin Prose Composition.

In the work of the Class the attention of the student is directed to the collateral subjects of History, Antiquities and Geography; also to the grammatical structure and affinities of the Greek and Latin Languages, and to Prosody and Accentuation.

The Latin pronunciation adopted in the lectures is based on the scheme issued by the Cambridge Philological Society (London: Trubner & Co.).

In Greek, the system of pronunciation, outlined in the preface of Goodwin's Greek Grammar, is recommended to the attention of students.

Number of lectures in Fourth Year—two weekly, or, at the discretion of the Professor, three.

## 2. ENGLISH LANGUAGE AND LITERATURE.

(MOLSON PROFESSORSHIP.)

Professor:—CHAS. E. MOYSE, B.A.

Lecturer:—C.W. COLBY, B.A.

*First Year.*—English Language and Literature. Three lectures a week. Until Christmas the work of the Class will consist of exercises in English Composition once a week. Two lectures a week will be given to the study of English. After Christmas the course on English Literature will be continued and brought down to the end of the Elizabethan Period. Students are recommended to use Prof. Henry Morley's Charts of English Literature, and to read the first chapter of Henry Morley's English Writers (Cassell, 1887).\*

*Second Year.*—A period of English Literature, one play of Shakspeare and a modern poem. One lecture a week before Christmas; two lectures a week after Christmas. During the session of 1894-95, the leading poets of the Nineteenth Century will form the subject of the Lectures. Shakspeare—A Midsummer Night's Dream (Clarendon Press Edition). Tennyson—Gareth and Lynette.

*Third Year.*—A. Chaucer's Prologue to Canterbury Tales. Lectures once a week; *Text-Book*:—Chaucer's Prologue, etc., ed. Morris. B. Rhetoric. Lecture once a week; *Text-Books*:—Genung's Rhetoric.

*Fourth Year.*—History. The lectures (once a week) will be a sketch of general European History from the Fall of the Roman Empire of the West to the Discovery of the New World. The use of Professor Nichol's Tables of European History is recommended.

## 3. MENTAL AND MORAL PHILOSOPHY.

(JOHN FROTHINGHAM PROFESSORSHIP OF MENTAL AND MORAL PHILOSOPHY.)

Professor:—REV. J. CLARK MURRAY, LL.D.

Lecturer:—PAUL T. LAFLEUR, M.A.

*Second Year.*—First term.—Elementary Psychology. (*Text-Book*:—Murray's

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Handbook of Psychology, Book I.) Second Term:—Logic. (*Text-Book*:—Jevons' Elementary lessons in Logic.)\*

*Third Year.*—First Term:—The Logic of Induction, as in Mill's System of Logic, Book III. Second Term:—The Psychology of Cognition, as in Murray's Handbook of Psychology, Book II., Part I.

*Fourth Year.*—First Term:—The Psychological Basis of Ethics. Second Term:—Ethics Proper, comprising the elementary principles of Jurisprudence and Political Science. *Text-Book*:—Murray's Introduction to Ethics.

In the Third and Fourth Years, students are also required to write occasional essays on philosophical subjects.

For Additional Courses see Honour Course.

#### 4. FRENCH LANGUAGE AND LITERATURE.

Professor:—P. J. DAREY, M.A., B.C.L., LL.D., Officier d'Académie.

Sessional Lecturer:—Rev. J. L. Morin, M.A.

*First Year.*—Darey—Principes de Grammaire française. La Fontaine—Choix de fables. Molière—l'Avare. Dictation. Colloquial exercises.

*Second Year.*—Racine—Esther. Ponsard—l'Honneur et l'Argent. Contanseau—Précis de Littérature Française, depuis son origine jusqu'à la fin du XVIIe siècle. Translation into French:—Dr. Johnson—Rasselas. Dictation. Parsing. Colloquial exercises.

*Third Year.*—CORNEILLE, Le Cid. Cogery—Third French course. Translation into French:—Johnson—Rasselas. Dictation. Contanseau—Précis de Littérature Française, depuis le XVIIIe siècle jusqu'à nos jours.

*Fourth Year.*—Cogery—Third French course. Bonnefon—Les Ecrivains modernes de la France. Translation into French:—Morley—Ideal Commonwealths. French Composition. Dictation. CORNEILLE, Le Cid.

For Additional Courses see Honour Lectures.

*The Lectures in the Third and Fourth Years are given in French.*

#### 5. GERMAN LANGUAGE AND LITERATURE.

Lecturer:—L. R. GREGOR, B.A.

*First Year.*—Vandersmissen and Fraser's German Grammar; Joynes' German Reader; Dictation; Colloquial exercises.

*Second Year.*—Vandersmissen and Fraser's German Grammar; Joynes' German Reader; Freytag—Die Journalisten; Uhland—Ballads and Romance (Macmillan's Foreign School Classics); Translation at sight; Parsing; Dictation; Colloquial exercises.

*Third Year.*—Vandersmissen and Fraser's German Grammar; Lessing—Minna von Barnhelm; Schiller—Siege of Antwerp; History of German Literature; German Composition; Dictation.

\* The prizes are awarded on the work of the whole Session.

*Fourth Year.*—German Grammar and Composition; Goethe—Aus meinem Leben; Schiller—Wallenstein; History of German Literature.  
For Additional Courses see Honour Lectures.

#### 6. HEBREW AND ORIENTAL LITERATURE.

Professor:—Rev. D. COUSSIRAT, B.A., D.D., Officier d'Académie.

*Elementary Course.*—Reading and Grammar, with oral and written exercises in Orthography and Etymology.—Translation and Grammatical Analysis of Genesis.—*Text-Books.*—Harper's Elements of Hebrew; and Introductory Hebrew Method and Manual.

*Intermediate Course.*—Grammar.—Dr. Harper's "Elements and Method."—Translation from the Hebrew Bible.—Exercises.—Hebrew into English and English into Hebrew.—Syntax.—Reading of the Masoretic notes.

*Advanced Course.*—Gesenius' Grammar, and Harper's Elements of Syntax.—Exercises continued.—Translation from the Hebrew Bible.—Reading of the Masoretic notes and of the Septuagint Version.

The course comprises Lectures on the above Language and its Literature in particular, its genius and peculiarities, with a general notice of the other Oriental Languages. Comparative Philology, affinity of Roots, etc., also receive due attention, while the portions selected for translation will be illustrated and explained by reference to Oriental manners, customs, history, etc.

For Additional Course see Honour Lectures.

#### 7. MATHEMATICS AND ASTRONOMY.

(PETER REDPATH PROFESSORSHIP OF PURE MATHEMATICS.)

Professor:—ALEXANDER JOHNSON, M.A., LL.D.

Sessional Lecturer:—Rev. H. M. Tory, B.A.

*First Year.*—MATHEMATICS.—Arithmetic.—Euclid, Books, 1, 2, 3, 4, 6, with definitions of Book 5 (omitting propositions 27, 28, 29 of Book 6); Todhunter's Edition—or Hall and Stevens'; the latter is recommended to Candidates for Honours especially. Colenso's Algebra (Part I) to end of Quadratic Equations.—Galbraith and Haughton's Plane Trigonometry to beginning of solution of Plane Triangles.

*Second Year.*—MATHEMATICS.—Arithmetic, Euclid, Algebra and Trigonometry as before.—Nature and use of Logarithms.—Remainder of Galbraith and Haughton's Plane Trigonometry.

*Third Year.*—(Optional, but open to those only who have studied Mathematical Physics).—ASTRONOMY (Lockyer's Elementary Astronomy, English edition; first five chapters, viz.: The Stars and Nebulæ; The Sun; The Solar System; Apparent movements; Time) Students are recommended

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*Fourth Year*—ASTRONOMY.—(Optional) Galbraith and Haughton's Astronomy or Brin'ley by Stubbs and Brunnow.—This subject is taken with Optics as one course. The lectures will be given before Christmas.

## 8. NATURAL PHILOSOPHY.

(W. C. McDONALD PROFESSORSHIPS OF PHYSICS.)

Professors :— } JOHN COX, M.A.  
                   } HUGH L. CALLENDAR, M.A.

*Second Year*—*Elementary Mechanics*.—One lecture a week up to March. An examination will be held then, which must be passed in order to secure credit for attendance on the lectures.

*Third Year*—MATHEMATICAL PHYSICS.—Galbraith and Haughton's Mechanics viz.: *Statics*, first 3 chapters, omitting sec. 5, chapter 1, and sec. 21, chapter II; *Dynamics*, subjects of the first 5 chapters; the corresponding parts of Clerk Maxwell's "Matter and Motion"; Galbraith and Haughton's Hydrostatics. The lectures on this subject begun in the previous year will end about Christmas.

(Optional, but open to those only who have studied the above *Mathematical Physics*).—OPTICS (Galbraith and Haughton). The Optics and Astronomy form one course.

*Third Year*—EXPERIMENTAL PHYSICS.—Laws of Energy.—Heat, Light, and Sound

*Fourth Year*—Electricity and Magnetism.

In each year two hours a week will be devoted to fully illustrated experimental lectures on the subjects named. Courses of practical work in the Physical Laboratory in the McDonald Physics building are arranged so that experiments, chiefly quantitative, bearing on the subjects treated in the Lectures, may be performed by the Students themselves. Opportunity is given to learn the nature and use of the principal instruments employed in the exact and practical measurement of physical quantities.

## 9. GEOLOGY, MINERALOGY AND PETROGRAPHY.

(LOGAN PROFESSORSHIP OF GEOLOGY.)

B. J. HARRINGTON, B.A., Ph.D., F.G.S., Professor of Mineralogy.

FRANK D. ADAMS, M.Ap. Sc., Ph.D., F.G.S.A., Logan Prof. of Geology and Palæontology.

*Fourth Year* (1)—MINERALOGY AND PETROGRAPHY.—An elementary course, in which attention is given more particularly to such minerals and rocks as are important in Geology or useful in the Arts.



- (2) **STRUCTURAL AND DYNAMICAL GEOLOGY.**—Denudation and Origin of Aqueous Deposits; Constructive Forces; Volcanoes and Earthquakes; Arrangement of Rocks on the large scale; Field Geology and Construction of Geological Maps and Sections.
- (3) **CHRONOLOGICAL GEOLOGY AND PALÆONTOLOGY.**—Classification of Formations; Geological Periods; Mineralization and Classification of Fossil Remains; History of the several Periods with the Fauna and Flora of each Distribution, more especially in Canada.

Saturday excursions will be made to points of interest, and Museum demonstrations will be given.

**TEXT-BOOKS.**—Dawson's Handbook of Geology, Dana's Manual of Mineralogy Books of reference will be indicated in the Library.

Students in Natural History are entitled to tickets of admission to the Museum of the Natural History Society of Montreal.

For Additional Departments see Honour Course, II., infra.

The Geology course is especially fitted to those students who have taken the Natural Science studies of the previous years, but others are not excluded.

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## 10. ZOOLOGY.

Lecturer:—W. E. DEEKS, B.A., M.D.

*Third Year.*—This course includes:—Elementary Physiology, as laid down in Huxley's Lessons; a general account of Embryology; the morphology, development and classification of Invertebrate forms, based on Shipley's Zoology; and the comparative anatomy and classification of the Vertebrata.

In addition, weekly demonstrations are given on dry and alcoholic preparations both macro—and microscopical, illustrating the lectures. *Text-Book:*—Dawson's Handbook, with books of reference.

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## 11. BOTANY.

Professor:—D. P. PENHALLOW, B. Sc.

Demonstrator:—C. N. DERICK, B.A.

*Second Year.*—This course is designed to give the students a thorough acquaintance with the principles of morphology and classification, the elements of histology, and the most prominent physiological functions of the plant. The Flora of Canada will be given prominence as far as possible, and in descriptive work constant use will be made of the large Herbarium and of the Botanic Garden. So far as time may permit, weekly excursions will be made for field study of plants.

**TEXT-BOOKS.**—Gray's Structural Botany. Gray's Manual. Penhallow's Classification. Penhallow's Guide to the Collection of Plants.

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For the coming year, a prize of \$25.00 will be offered by Mr. W. Foster Brown for the best collection of Canadian plants.

The specimens must be prepared in accordance with Penhallow's Guide to the Collection of Plants. Specimens collected by persons other than the actual competitors will not be admitted, except when obtained by exchange. Competition is open to those students only who have taken the regular course of Botany in the previous session. Cultivated plants will not be taken into consideration.

All collections will be returned after the awards have been made.

*Third Year.*—ADDITIONAL COURSE. *Vegetable Anatomy.*—Two lectures with practical work each week. Microscopical manipulations, micro-chemical reactions, general histology of Spermatophytes. Microscopical Drawing.

*Fourth Year.*—ADDITIONAL COURSE. *Vegetable Anatomy.*—Two lectures with practical work each week. A continuation of the Course in the Third Year embracing a study of the structure and life history of Pteridophytes Bryophytes and Thallophytes. No student will be admitted to the course in the Fourth Year without having followed that for the Third Year.

TEXT-BOOKS.—Strasburger's *Vegetable Histology*. Goebel's *Outlines of Classification and Special Morphology*.

*Fee for Additional Course*, \$10 per session for use of instruments and reagents.

A prize will be awarded to the student showing the greatest proficiency in the work of the two years.

## 12. CHEMISTRY.

(DAVID J. GREENSHIELDS PROFESSORSHIP OF CHEMISTRY AND MINERALOGY.)

Professor:—B. J. HARRINGTON, B.A., PH.D.

Sessional Lecturer:—NEVIL NORTON EVANS, M.A.Sc.

*First Year.*—A course of Lectures preparatory to the course in Natural Science. The lectures are illustrated by experiments, and treat of the Elementary Constitution of matter, the Laws of Chemical Combination by weight and volume, the Atomic Theory, Quantivalence, Chemical Formulæ and Equations, Chemical Attraction, characteristics of Acids, Bases and Salts, Compound Radicals, the preparation and properties of the principal Elements, and many of their compounds, etc. A few Lectures are usually devoted to the consideration of some of the more important Organic Substances, including Starch, Sugars, the Vegetable Acids and Alkaloids, Alcohol, etc. During the course, attention is called as far as possible to the relations of Chemistry to various manufacturing industries.

TEXT-BOOK.—Remsen's *Introduction to the study of Chemistry*.

*Third Year.*—ADDITIONAL DEPARTMENT (*The Chemistry of the Metals, or Organic Chemistry*).—One lecture a week. (*Practical Chemistry*)—Qualitative Analysis, as in Fresenius' *Qualitative Chemical Analysis*, two afternoons a week.

*Fourth Year.*—ADDITIONAL DEPARTMENT.—A course of Practical Chemistry, in continuation of that of the Third Year.

NOTE.—The chemical laboratories are capable of accommodating about sixty Students, and afford excellent facilities for practical work. Students in Arts taking classes in Practical Chemistry pay a special fee of ten dollars for the session.

### 13. METEOROLOGY.

Superintendent of Observatory :—C. H. McLEOD, MA.E.

Instructions in Meteorological Observations will be given in the Observatory at hours to suit the convenience of the senior students.

Certificates will be granted to those students who pass a satisfactory examination on the construction and use of Meteorological Instruments and on the general facts of Meteorology.

### 14. PEDAGOGY.

Lectures on this subject will be given in the Normal School to undergraduates of the Third and Fourth Years who wish to obtain the Provincial Academy Diploma.

Lecture hours : 3 p.m. Tuesday and Friday.

### 15. ELOCUTION.

Instructor :—J. P. STEPHEN.

Instruction is given in this subject at hours that may be settled at the beginning of the session. Special fee for session \$3.

### 16. GYMNASTICS.

Instructor :—R. T. MACKENZIE, B.A., M.D.

The classes will meet at the University Gymnasium, at hours to be announced at the commencement of the Session. The Wicksteed silver and bronze medals (the gift of Dr. R. J. Wicksteed) are offered for competition to students of the Graduating Class and to students who have had instruction in the Gymnasium for two sessions,—the silver medal to the former, the bronze medal to the latter. (See Regulations appended.)

## II. HONOUR COURSES.

### 1. CLASSICS.

#### THIRD YEAR.

#### Greek.

*Greek Authors* :—Plato, Apology, Crito, Laches and Euthyphro; Herodotus, Bk. VII.; Thucydides, Bk. VI.; Euripides. Medea. The Authors to be read in class will be selected at the beginning of the session.

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2. *Translation at sight* from the works of Xenophon and Homer, and *Greek Prose Composition*.
3. *History of Greece* (Selections from Grote); Mahaffy's *History of Greek Literature* (Selections).
4. *General Paper* on Grammar, Antiquities, Mythology and Philology.

*Latin.*

1. *Latin Authors*:—Cicero, Select Letters, and De Officiis, Bk. III.; Lucretius (Selections); Sallust, Catiline and Jugurtha; Catullus (Selections); Horace, Epistles, Bks. I. and II.; Tibullus and Propertius (Selections). Livy, Bks XXI-XXIV.
2. *Sight Translation* from Caesar, Nepos, Virgil, Ovid and Livy, and *Latin Prose Composition*.
3. *History of Rome* (Selected portions of Mommsen); Teuffel's or Cruttwell's *History of Roman Literature* (Golden Age of Roman Literature).
4. *Grammar: Mythology and Antiquities*. A paper testing the candidate's general knowledge of classical philology will be given. The following works are recommended for this purpose:  
Gow's Companion to School Classics (2nd Edition).  
Murray's Manual of Mythology. Giles, A short Manual of Philology for Classical Students. Madvig's Latin Grammar (rev. by Thacher). Guhl and Kohner's Life of the Greeks and Romans.

FOURTH YEAR.

- Part I.*—(1) *Greek Authors*:—Æschylus, Prometheus Vincetus; Sophocles, Antigone; Euripides, Medea; Herodotus, Bk. IX.; Xenophon, Hellenics, Bks. I. and II.; Æschines, Contra Ctesiphontem. (2) *Latin Authors*:—Horace, Epistles, Bk. I.; Juvenal, Satires VIII. and XIII.; Persius, Satires V. and VI.; Livy, Bk. XXI.; Tacitus, Annals, Bk. II.; Cicero De Officiis. (3) *Greek and Latin Prose Composition*:—As in Arnold's Greek Prose and Smith's Principia Latina, Part V. *Part II.*—(1) *Greek*:—Plato, Republic, Books I. and II.; Aristotle, The Poetics; Thucydides, Books VI. and VII.; Hesiod, Works and Days; Æschylus, Seven against Thebes; Aristophanes, The Frogs; Pindar, Olympic Odes; Theocritus, Idylls I. to VI.; Demosthenes, De Corona. (2) *Latin*:—Livy, Bks. XXII. and XXIII.; Tacitus, Annals, Book I.; Tacitus, Histories, Book I.; Virgil, Æneid, Books I. to IV.; Plautus, Aulularia; Terence, Adelphi; Juvenal, Sat. X.; Cicero De Imperio Cn. Pompeii. (3) *History of Greece and Rome*:—*Text-Books*. 1. Grote's History of Greece. 2. Arnold's History of Rome. 3. Mommsen's History of Rome. 4. Mahaffy's History of Greek Literature. 5. Cruttwell's History of Roman Literature. 6. Cruttwell and Banton's Specimens of Roman Literature. 7. Haigh's Attic Theatre. (4) *Composition*:—Composition in Greek and Latin Prose. (5) *General Paper* on Grammar, History and Antiquities.

Herodotus,  
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## 2. MENTAL AND MORAL PHILOSOPHY.

## THIRD YEAR.

*Part I.*—Schwegler's History of Philosophy, Chapters 1-21 inclusive; Mill's System of Logic, Books IV. and V.; James' Principles of Psychology, Chapters 10-16 inclusive; selected portions from Thomson's Outline of the Laws of Thought, from Jevons' Principles of Science, and from Venn's Empirical Logic. Any two of these subjects, along with the Honour Lectures, may be taken as the Additional Course.

*Part II.*—Plato's Theaetetus (by S.W. Dyde); Fraser's Selections from Berkeley.

## FOURTH YEAR.

*Part I.*—Erdmann's History of Philosophy, Vol. II. (Engl. Transl.); James' Principles of Psychology, Vol. II.; Spencer's First Principles; Green's Prolegomena to Ethics; Mill's System of Logic, Book VI. Any two of these subjects along with the Honour Lectures may be taken as the Additional Course.

*Part II.*—Aristotle's Nicomachean Ethics; Zeller's Stoics, Epicureans and Sceptics; Spinoza's Ethics; Watson's Selections from Kant; Maine's Ancient Law.

N.B.—The class essays of Candidates for Honours are expected to display superior ability in the discussion of philosophical subjects.

## 3. ENGLISH LANGUAGE, LITERATURE AND HISTORY.

## THIRD YEAR.

*Part I.*—Early English; Morris and Skeat, Part II., Extt. I-IX. inclusive; Spenser—Faerie Queene, Bk. I.; Milton—Comus; Burke—Reflections on the French Revolution; Hallam—Middle Ages, Chaps. 1, 3, 5. (The above mentioned portion of the Honour work constitutes the Additional Course of the Third Year.) Sweet's Anglo-Saxon Reader; Extt. IV., VIII. and XXI.; Dryden—Annus Mirabilis; Absolom and Achitophel, Part I.; the Preface to the "Fables;" Macaulay—Essays on Clive (Macmillan), Ranke—History of the Popes, and Warren Hastings.

*Part II.*—Sweet's Anglo-Saxon Reader; the pieces in verse; Chaucer—Assembly of Foules (ed. Lounsbury); Sidney—An Apology for Poetry (ed. Cook) Milton—Shorter English Poems; Areopagitica (ed. Hales); Addison—Essays on Paradise Lost and on the Imagination (Spectator); Wordsworth—Prelude (Moxon's ed.); Leslie Stephen—English Thought in the Eighteenth Century, Vol. II, chap. X., sections V. to X. inclusive; Macaulay, Vol. I., chap. I.; Green, History of the English People—(Reigns of Eliz. and Chas. II.)

## FOURTH YEAR.

*Part I.*—Sweet's Anglo-Saxon Reader, Extt. II., XIII., XX.; Pope—Essay on Criticism, Essay on Man; Shelley—Adonais; Tennyson—In Memoriam

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Buckle—History of Civ. in England, 4 chaps. (The above-mentioned portion of the Honour work constitutes the Additional Course of the Fourth Year.) Early English; Morris and Skeat, Part II., Extt. X-XX inclusive; Shakspeare—Love's Labour Lost—A Midsummer Night's Dream—Hamlet; Matthew Arnold—Essays in Criticism (the second).

*Part II.*—Portion of Beowulf (ed. Harrison and Sharp); Sweet's Second Anglo-Saxon Reader; Vespasian Hymns; Sir Thomas More—Utopia (ed. Arber); Villiers—Rehearsal (ed. Arber); Campbell—Pleasures of Hope; Tennyson—Coming of Arthur, Gareth and Lynette, Holy Grail, Passing of Arthur; Gibbon—Decline and Fall, and chaps. L., LI., LXIV., LXV.; Guizot—History of Civilization in Europe; Macaulay—Vol. I., chap. 3; Freeman—Growth of the English Constitution.

#### 4. MATHEMATICS AND PHYSICS.

*First and Second Years.*—MATHEMATICS.—Hall and Stevens' Euclid; McDowell's Exercises in Modern Geometry; Hall and Knight's Advanced Algebra; Todhunter's or Burnside and Panton's Theory of Equations (selected course); Lock's Higher Trigonometry, with McClelland and Preston's Spherical Trigonometry, Part I.; Salmon's Conic Sections, chapters 1, 2, 3, 5, 6, 7, and 10 to 13 inclusive; Williamson's Differential and Integral Calculus (selected course).

*Third Year.*—MATHEMATICAL PHYSICS.—Part I.—Minchin's Statics, Vol. I., selected chapters. Williamson and Tarleton's Dynamics, Chaps. 1 to 8 inclusive. Part II.—Remainder of Minchin's Statics, Vol. I., Besant's Hydro-mechanics, Part I., chaps. 1, 2, 3, 7; Godfray's Astronomy; Parkinson's Optics.

#### B.A. HONOUR COURSE.

*Part I.*—MATHEMATICAL PHYSICS.—Honour Course of the Third Year (the whole) PURE MATHEMATICS.—Williamson's Differential and Integral Calculus; Salmon's Geometry of Three Dimensions (selected course).

*Part II.*—PURE MATHEMATICS.—Boole's or Forsyth's Differential Equations (selected course). MECHANICS.—Minchin's Statics, Vol. II., except chapters 14 and 18. Williamson's and Tarleton's Dynamics (the whole, including the Dynamics both of Rigid Bodies and of a particle). Routh's Dynamics of a Rigid Body (for reference). Besant's Hydro-mechanics.

PHYSICAL ASTRONOMY.—Godfray's Lunar Theory, or Cheyne's Planetary Theory; Newton's Principia, Lib. I., Sects. 1, 2, 3, 9 and 11.

LIGHT.—Preston's Theory of Light.

ELECTRICITY AND MAGNETISM.—Ordinary Course, with Cumming's Theory of Electricity and Maxwell's Elementary Electricity, or Emtage's Electricity and Magnetism.

HEAT }  
ACOUSTICS } As in ordinary course.



## COURSE FOR THE MOLSON MATHEMATICAL PRIZES.

Minchin's Statics, Vol. I. with part of Hydro-Mechanics, Parkinson's Optics: Preston's Theory of Light (selected course.)  
Williamson's Differential and Integral Calculus. Salmon's Geometry of Three Dimension, (selected course.)

## 5. GEOLOGY AND NATURAL HISTORY.

## THIRD YEAR.

*Part I.—Mineralogy.*—Crystallography. Physical properties of minerals dependent upon light, electricity, state of aggregation, etc. Chemical composition. Principles of classification. Description of species important as constituents of rocks. (One lecture weekly during the First Term, and two during the Second.)

*Part II.—Blowpipe Analysis and Determinative Mineralogy.*—One afternoon weekly in the Laboratory during the session. *Text-Book*:—Brush's Determinative Mineralogy and Blowpipe.

Instructions will be given to the class for study and collection in the vacation.

## B. A. HONOUR COURSE.

*Part I.*—(1) *Mineralogy.*—Description of mineral species, particular attention being called to the Economic Minerals of Canada, Calculations of Mineralogical Formulæ, Quantivalent Ratios, etc. (Two lectures weekly in the First Term.)

(2) *Palæontology.*—Being an extension of that in the Third Year, with special studies of the more important groups of Fossils. One lecture and one demonstration weekly in the First Term.

*Part II.*—(3) *Petrography.*—Essential and accessory constituents of Rock. Macroscopic and microscopic characters. Preparation of Rock-sections. Microscopic examination of Minerals and Rocks. Principles of classification. Description and determination of Rocks. (One lecture weekly in the Second Term, with additional practical work or demonstrations.)

(4) *Canadian Geology.*—Special studies of the Geology of the Dominion of Canada. (One lecture weekly in the Second Term.)

(5) *Practical and Applied Geology.*—Including methods of observing and recording geological facts, and searching for mineral deposits.—Origin and mode of occurrence of ore deposits (One lecture weekly in the Second Term), with additional practical work or demonstrations.

During the second term, four hours a week will be devoted to practical work and demonstrations, which will include each week a colloquium on some Geological question.

**TEXT-BOOKS.**—Dana, Geikie, Dawson, Kemp, Nicholson, Survey Reports, etc. Candidates for Honours will be expected to attain such proficiency as to be able to undertake original investigations in some at least of the subjects of study. Students in the Faculty of Applied Science may be Candidates for Honours.

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## ADDITIONAL DEPARTMENT.

*Third Year.*—Mineralogy as in Part I. above.

*Fourth Year.*—Palæontology and Practical Geology as in Parts I. and II. above.  
Or the student may take the Lectures in Mineralogy instead of Palæontology, or those in Petrography or Canadian Geology instead of Practical Geology.

## 6. MODERN LANGUAGES.

(French and German, both of which must be taken.)

## THIRD YEAR.

*Part I.*—FRENCH.—La Fontaine :—Les Fables. Racine :—Les Plaideurs. Paul Albert :—Littérature de XVIIe siècle. Translation into French—Goldsmith :—The Vicar of Wakefield. Corneille :—Horace.

GERMAN.—Heine—Die Harzreise ; Schiller—Wilhelm Tell ; Macmillan's German Composition. (Either of the above may be taken as the Additional Course in the language to which it belongs. See § III.)

The Ordinary Course in French and German must also be taken. See § III

*Part II.*—FRENCH.—Racine :—Phèdre, Les Plaideurs. Boileau :—L'Art Poétique Pascal :—Les Pensées. Clédat.—Grammaire Élémentaire de la vieille langue française.

GERMAN.—Lessing.—Nathan der Weise ; Schiller.—Maria Stuart. A special study of Goethe's Faust (Part I.) ; History of German Literature (Gostwick and Harrison).

## FOURTH YEAR.

*Part I.*—FRENCH.—Clédat, Grammaire Élémentaire de la vieille langue française. Paul Albert :—La Littérature Française dès les origines à la fin du XVI. siècle. Emile Souvestre :—Un Philosophe sous les toits. Translation into French :—As You Like it.

GERMAN.—Lessing.—Laokoon ; Behaghel's Deutsche Sprache ; Wieland—Die Abderiten ; Macmillan's German Prose Composition.

(Either of the above may be taken as the Additional Course in the language to which it belongs.)

The Ordinary Courses in French and German must also be taken.

*Part II.*—FRENCH.—Molière :—Le Misanthrope. Victor Hugo :—Hernani. La Rochefoucauld :—Les Maximes. Montaigne :—Les Essais (Extraits par Eug. Voizard). Clédat, Grammaire Élémentaire de la vieille langue française, Constans :—Chrestomathie des anciens textes français.

GERMAN.—Goethe.—Hermann und Dorothea ; Schiller—Die Jungfrau von Orleans, Don Carlos ; Selections from Heine's Lyrical Poems ; Zarncke—Das Nibelungenlied ; History of German Literature ; Original Compositions in German.

For First and Second Rank Honours, the successful Candidates must be capable of speaking and writing both languages.

## 7. SEMITIC LANGUAGES.

## THIRD YEAR.

*Part I.—Hebrew.*—Genesis, Isaiah, 40-66. Ecclesiastes.—*Literature.* F. Lenormant: The beginning of History.

*Part II.—Aramaic.*—Daniel, Ezra; Selections from the Targums.  
*Literature.*—Sayce; Lectures on the Origin and Growth of Religion.

## FOURTH YEAR.

*Part I.—Hebrew.*—Malachi, Psalms, 1-72; Job, 26-42. *Literature.*—Renan. A General History of the Semitic Languages.

*Part II.—Syriac.*—Selections from the Peshito, and from the Chronicles of Bar Hebræus.—*Literature.*—W. Wright: Comparative Grammar of the Semitic Languages.

## ADDITIONAL COURSE.

Part II. of each year (Literature excepted), along with the Honour Lectures.

## LECTURES IN THE UNDERGRADUATE COURSE IN THE FACULTY OF ARTS.

SESSION OF 1894-95.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
9	Latin.	+ Mathematics.	Mathematics.		



LECTURES IN THE UNDERGRADUATE COURSE IN THE FACULTY OF ARTS,

SESSION OF 1894-95.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
FIRST YEAR 9 10 11 12	Latin. Mathematics. English. Elementary Chemistry.	† Mathematics. Greek. * French. * German. * Hebrew.	Mathematics. Latin. * French. * German. English.	† Mathematics. Latin. * French. * German. * Hebrew.	Mathematics. Greek. English. Elementary Chemistry.
SECOND YEAR 9 10 11 12	* French. Greek. Mathematics. † Mathematics. Botany.	Logic. * Hebrew. German (c) Latin. Math. Phy.	* French. Logic. Botany. † Mathematics. English (b). Latin (a.)	* Hebrew. Logic. Latin.	French. German. Greek. English. † Mathematics.
THIRD YEAR 9 10 11 12 1	English Literature. † Geology. (b) German. † Math. Physics. † Mental Philosophy. † Latin † Latin † Math.	Greek. French. † Ment. Phil. † Latin. Zoology. Experimental Physics. Hebrew.	† Greek. † Math. Phys. † Anglo-Saxon. Physics (Mathematical). Mental Philosophy. Latin.	Greek. French. Chemistry. Hebrew. Zoology. Experimental Physics. Hebrew.	† Greek. † English. † Mineral. German. Math. Phys. Rhetoric. * Syriac, etc. Math. Physics. Latin.
FOURTH YEAR 9 10 11 12 1	Exp. Physics. Geology. Latin. † Geology. † Math. Moral Phil.	(a) Astronomy. (a) † Mineralogy. French. † Ment. Phil. Moral Phil. † Math. Phys. † Chaldee.	† Greek. Geology. † Math. † Astronomy. Greek. † Mineralogy (a). Hebrew.	† Exp. Physics. † Mental Philosophy. German. History. Moral Philosophy. † Chaldee. Astronomy. (a) Hebrew.	† Greek. † Math. Phys. Geology. French. † Geology. Anglo-Saxon and Early English. German.

(a) During First Term. (b) Second Term. (c) For beginners entering 2nd Year. † For Candidates for Honours.  
\* The student may take at his option French or German in the first two years, or, if a Theological Student, Hebrew.  
Classes at 1 p.m. may be changed to other hours.  
Library open every day, 9 to 6 and 8 p.m. to 10 p.m. The Museum will be opened as arranged by the Principal.  
Determinative Mineralogy, Wednesday, at 2 p.m. Practical Chemistry, Monday and Thursday, at 2 p.m., for 3d and 4th Years; First Year with the Class in Applied Science.

# Special Course for Women.

IN THE FACULTY OF ARTS.

DONALDA ENDOWMENT.

Professors and Lecturers (as on page 1). Lady Superintendent, Miss HELEN GAIRDNER.

The classes for women under this endowment are wholly separate, except those for Candidates for Honours (including most of the additional courses in the Third and Fourth Years). The examinations are identical with those for men. Women will have the same privileges with reference to Classing, Honours, Prizes and Medals as men.

Regulations for Examinations, Exemptions, Boarding-Houses, Attendance, Conduct, Library and Museum are the same as for men. Undergraduates wear the Academic Dress; others do not.

In September, 1894, a Scholarship, value \$125 yearly (tenable for two years), will be offered for competition in Mathematics to Students of the Third Year. The course is the same as for the Mathematical Scholarship open to men.

The *Jane Redpath Exhibition* is open for competition, at the beginning of the First or Second Year, to both men and women.

Two other Exhibitions (one of the value of \$100, along with free tuition, the other \$120 without free tuition) are open for competition in the First or Second Year to Students of the Donalda Department only. For course see § II. *ante*. Candidates for these Exhibitions are allowed, according to the general rule of the Donalda Department, to substitute an additional modern language for Greek in the examination. In this case, while the regulation concerning one modern language will for Entrance only be as in §II. *ante*, the course in that which is to be substituted for Greek in the Exhibition Examination will be:—

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For First Year :—

*French*—Grammar—Darey's Principes de Grammaire française.—La Fontaine's Fables. Molière—Le Bourgeois Gentilhomme. Sardou—Mlle de la Seiglière. Translation from English into French.  
 or *German* :—Grammar ; Adler's Reader—First and Second sections ; Schiller—Der Gang nach dem Eisenhammer, Das Lied von der Glocke ; Stifter's, Haidedorf ; Translation from English into German.

For Second Year :—

*French* :—Eugène Voizard, Essais de Montaigne. Lamartine, Jeanne d'Arc, CORNEILLE, Cinna.  
 or *German* :  
 Schiller—Der Neffe als Onkel, Egmont's Leben und Tod, Die Kraniche des Ibykus (Buchheim) ; Grammar ; Translation of French and English into German.

N.B.—For examination in 1895 add Schiller's Geisterseher.

One free tuition may be awarded to a Candidate who approaches very near to the winner of either of the Exhibitions.

The income of the *Hannah Willard Lyman Memorial Fund* will be given in prizes.

### I. MATRICULATION AND ADMISSION.

*Classics*.—I. *Latin*.—Caesar, Bell. Gall., Book I.; and Virgil, Aeneid, Book I; Latin Grammar. [In 1895, and afterwards, two books of Caesar will be required.]

*Greek*.—Xenophon, Anabasis, Book I.; Greek Grammar.

Candidates who cannot pass in Greek may substitute an additional modern language, subject to the same regulations throughout the course of four years. In and after 1895, there will be an entrance examination in German for such candidates.

*Mathematics*.—Arithmetic, including a knowledge of the Metric System ; Algebra to Quadratic Equations (inclusive) as in Colenso ; Euclid, Books I., II., III.

*English*.—Writing from Dictation. A paper on English Grammar, including *Analysis*. A paper on the leading events of English History. Essay on a subject to be given at the time of the Examinations.

*French*.—Grammar up to the beginning of Syntax. An easy translation from French into English. Candidates taking Greek and unable to take French are not excluded, but will be required to study German after entrance. This regulation holds good only until 1895.

An equivalent amount of other books or other authors in Latin and Greek than those named may be accepted by the Examiners, on application made through the Professor of Classics.



(Associates in Arts, who, at their special Examination, have passed in Latin, Algebra and Geometry, are not required to present themselves for the Matriculation Examination in these subjects.)

**PARTIAL STUDENTS**—Candidates unable to pass in all the above subjects may be admitted as Partial Students, in the separate classes; if prepared to enter in three of the subjects of the ordinary course of study, they may in the First Year make good their standing as Undergraduates at the Christmas or Sessional Examinations.

## II. ORDINARY COURSE OF STUDY FOR THE DEGREE OF B.A.

*In separate Classes.*

*First Year.*—Classics; French or German; English Grammar and Literature; Pure Mathematics; Elementary Chemistry.

*Second Year.*—Classics; French or German; English Literature; Elementary Psychology and Logic; Pure Mathematics and Mathematical Physics; Botany.

*Third Year.*—Latin or Greek; Mathematical Physics (Mechanics and Hydrostatics); with any three subjects out of the two following divisions, at the option of the Student, provided two be selected from one division and one from the other:—

*I. Literature, etc.*—(a) Greek or Latin, according as Latin or Greek has been previously chosen. (b) French or German (whichever has been taken in the first two years). (c) English and Rhetoric. (d) Mental Philosophy.

*II. Science.*—(e) Optics and Descriptive Astronomy. (f) † Experimental Physics. (g) Natural Science (Zoology).

*Fourth Year.*—Latin or Greek, same Language as in Third Year; Mathematical Physics (as in Third Year), or Astronomy and Optics; Moral Philosophy, with any three subjects out of the two following divisions, at the option of the Student, provided two be selected out of the one division, and one out of the other.

*I. Literature, etc.*—(a) Greek or Latin, according as Latin or Greek has been taken above. (b) French or German, same language as in Third Year. (c) History.

*II. Science.*—(d) Astronomy and Optics, if not chosen as above. (e) † Experimental Physics. (f) Natural Science (Geology).

† Undergraduates claiming exemptions (see § V.) cannot take Astronomy and Optics or Experimental Physics if they have not taken the Third Year Mathematical Physics.

Instead of two distinct subjects in one of the above divisions, the student in either Third or Fourth Year may select one subject only, together with an addi-

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tional course in the same, or any other of these subjects under the above rules in arrangements be made by the Faculty for it), provided she has been placed in the first class in the corresponding subject at the preceding Sessional Examination (viz., Intermediate or Third Year, according to standing).

The additional course is intended to be more than an equivalent, in the amount of work involved, for any of the other subjects in the Division.

Additional courses are provided at present in Botany and Practical Chemistry *Gymnastics*.—A class will be conducted by Miss Barnjum, which will be optional and open to Partial Students.

*Elocution*.—Instruction in this subject will be given to those who desire it, by Mr. J. P. Stephen. Special fee for session, \$3.

#### HONOUR COURSES AND ADDITIONAL COURSES.

(*In Mixed Classes.*)

Undergraduates desirous to take one of the Honour Courses in Classics, Mathematics, Mathematical Physics, Mental and Moral Philosophy, English Language and Literature, History, Geology and other Natural Sciences, Modern Languages, or such portions of the Honour Courses as constitute the "Additional Courses," may in the Third and Fourth Years obtain exemptions to the same extent as those given to men, but must take the same lectures with men.

Details will be found in Section XIII. of the Calendar.

### III. DEGREES.

Students are admissible to the degrees of B.A., M.A., and LL.D., conferred in the usual way, on the usual conditions; and will be entitled to all the privileges of these degrees, except that of being elected as Fellows.

### IV. FEES.

The fees are the same as for men (see Section XII., *ante*).

The fees are to be paid to the Registrar of the University, from whom tickets for the Library and copies of the Library Rules may be obtained.

Exemptions from fees may be allowed to the highest pupil of the Girls' High School of Montreal and of other Schools, on the same terms as to men.

One exemption from tuition fees is annually allowed to the pupil (boy or girl) of the Montreal High School holding an exemption from the Schools of the Protestant Commissioners, Montreal, who has taken the highest marks at the A. A. Examinations and is recommended by the Commissioners.

### V. LODGINGS, &c.

Women not resident in Montreal, proposing to attend the classes, and desiring to have information as to suitable lodgings, are re-

requested to intimate their wishes in this respect to the Registrar of the University, at least two weeks before the opening of the session.

Students desiring information as to the above or other matters are referred to the Lady Superintendent, who will be found in her office in the rooms of the Donalda Department, every day during the session, except Saturday.

LECTURES OPEN TO PARTIAL STUDENTS, SESSION 1894-95.

CHEMISTRY:—*Dr. Harrington*. Tuesday and Thursday at 12.

BOTANY:—*Prof. Penhallow*. Monday at 11, Wednesday at 12.

ZOOLOGY:—*Dr. Deeks*. Tuesday and Thursday at 12.

GEOLOGY:—*Dr. Adams*. Monday and Friday at 12, and Wednesday at 10 a.m.

EXPERIMENTAL PHYSICS:—*Professor Cox and Prof. Callendar*. Tuesday and Thursday, at 11 a.m.

PSYCHOLOGY AND LOGIC:—*Rev. Dr. Murray and Mr. Lafleur*. Tuesday and Friday at 4 p.m., and Monday at 3 p.m.

MENTAL PHILOSOPHY:—*Rev. Dr. Murray and Mr. Lafleur*. Monday and Wednesday at 3 p.m.

MORAL PHILOSOPHY:—*Rev. Dr. Murray*. Tuesday and Wednesday at 12, and Friday at 11 a.m.

RHETORIC:—*Mr. Lafleur*. Tuesday at 11 a.m.

ENGLISH:—*Prof. Moyses*. Language and Literature, Tuesday at 3 p.m., Wednesday and Friday at 4 p.m. Poets of the 19th Century, Wednesday, 3 p.m. Shakspeare, every alternate Friday at 3 p.m. Chaucer, Monday at 10 a.m.

HISTORY:—*Prof. Moyses*. Thursday at 9 a.m.

LATIN AND GREEK\*:—*Rev. Dr. Cornish and Dr. Eaton*.

FRENCH\*:—*Dr. Darey*.

GERMAN\*:—*Mr. Gregor*.

MATHEMATICS\*:—*Dr. Johnson and Mr. Tory*.

MATHEMATICAL PHYSICS\*:—*Professor Cox*.

Those Courses in which two lectures weekly are delivered will each amount to about 45 lectures, and the others in proportion.

\* The lectures on these subjects extend over all the Years of the Course, and the hours will depend on the standing of Students with respect to previous preparation as ascertained by examination.

*ORDINA	
YEARS	HOURS.
FIRST YEAR.	10
	11
	12
	2
SECOND YEAR.	3
	4
	10
	11
THIRD YEAR.	12
	2
	3
	4
FOURTH YEAR.	10
	11
	12
	3
	4
	9
	10
	11
	12
	2

The hours for P  
of the Session,  
† For Candidates  
\* For Honour L  
(a) During Firs  
(b) During Seco



## FACULTY OF ARTS.

\*ORDINARY LECTURES IN THE DONALDA SPECIAL COURSE FOR WOMEN.

YEARS	HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY
FIRST YEAR.	10				†Mathematics.	
	11	German.	† Mathematics.		Greek.	Math.
	12		Chemistry.		Chemistry.	
	2	Mathematics	French.	Mathematics.	French.	Mathematics.
	3	Latin.	English.	Latin.	German.	Latin.
	4	Greek.		English.		English.
	SECOND YEAR.	10	Mathematics.	† Math.		Greek.
11		Botany.	Math. Phys.	Latin.	† Mathematics.	
12		Greek.	Latin.	Botany.		† Mathematics
2						
3		Logic.	French.	English.	French.	English.
4		German.	Logic.		German.	Logic.
THIRD YEAR.		10	English.	Greek.		Greek.
	11	French.	Rhetoric Exp. Physics.		Exp. Physics.	Latin.
	12	Latin.	Zoology.	Math. Physics.	Zoology.	Math. Physics
	3	Metaphysics.		Metaphysics.	German.	
	4	German.				
	FOURTH YEAR.	9	Astronomy (a)			History.
10		French	Exp. Physics.	Geology.	Exp. Physics.	French.
11		German.	Latin.	Astronomy (a).	Greek.	
12		Geology.	Moral Phil.	Moral Phil.	Moral Phil.	Geology.
2						German.

The hours for Practical Chemistry and Additional Botany will be arranged at the beginning of the Session.

† For Candidates for Honours.

\* For Honour Lectures in 3rd and 4th years see previous table

(a) During First Term.

(b) During Second Term.

# Faculty of Applied Science.

THE PRINCIPAL (*ex officio*).

Professors :—HARRINGTON, Associate Professors :—DAREY.  
 BOVEY, MOYSE.  
 MCLEOD, PENHALLOW.  
 CHANDLER, COX.  
 CARUS-WILSON, ADAMS.  
 BAMFORD, CALLENDAR.

Lecturers :—CARLYLE, EVANS, LEA, SMITH.

Associate Lecturers :—LAFLEUR, COLBY, GREGOR, DEEKS.

Dean of the Faculty :—HENRY T. BOVEY, LL.D., M. Inst. C.E., F.R.S.C.

## § I. GENERAL STATEMENT.

The Instruction in this Faculty is designed to afford a complete preliminary training of a practical as well as theoretical nature to such Students as are preparing to enter any of the various branches of the professions of Engineering and Surveying, or are destined to be engaged in Assaying, Practical Chemistry, and the higher forms of Manufacturing Art.

Five distinct Departments of study are established, viz. :—

(1)—Civil Engineering and Surveying. (2)—Electrical Engineering. (3)—Mechanical Engineering. (4)—Mining Engineering. (5)—Practical Chemistry.

Each of these extends over four years, and is specially adapted to the prospective pursuits of the Student. The subjects of instruction in the several Departments are given in the Table on the following page.

The Degrees conferred by the University upon such undergraduates of this Faculty as shall fulfil the conditions and pass the Examinations hereinafter stated will be, in the first instance, "Bachelor of Applied Science," mention being made in the Diploma of the particular Department of study pursued; and, subsequently, the degree of "Master of Engineering" or of "Master of Applied Science." (§ IV.)

II. TABLE  
AND

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
Chemistry English... French or Mathemat Mechanisi Freehand Geometric Mathemat Shopwork	Botany... Chemistry English... French or Kinematic Mathematic Physics... Surveying Zoology* Drawing Physical Shopwork	Chemistry Determina Dynamics Electrical Geology and German... Mathematic Machine D Mining... Physics... Surveying... Theory of Zoology*... Drawing... Electrical Physical Lab Testing Lab Thermodyna Shopwork...	Assaying... Chemistry... Dynamics of Electrical E Geodesy... Geology and Hydraulics... Machine De Mathematics Metallurgy... Theory of Str Thermodyna Drawing (De Electrical Lab Geodetic Lab Hydraulic L Mechanical I Museum Wor Physical Labo Testing Labor Thermodynam Shopwork...

(a) First term.  
\*\* Also Saturday

II. TABLE SHOWING THE SUBJECTS OF INSTRUCTION AND HOURS PER WEEK DEVOTED TO EACH SUBJECT.

	SUBJECTS.	DESCRIPTION UNDER	CIVIL ENGINEERING.	ELECTRICAL ENGINEERING.	MECHANICAL ENGINEERING.	MINING ENGINEERING	PRACTICAL CHEMISTRY.
FIRST YEAR.	Chemistry.....	§ XI., 8	5	5	5	5	5
	English.....	" 14	3	3	3	3	3
	French or German.....	" 15	3	3	3	3	3
	Mathematics.....	" 13	10	10	10	10	10
	Mechanism.....	" 1	1	1	1	1	1
	Freehand Drawing.....	" 4	3	3	3	3	3
	Geometrical Drawing.....	" 3	3 to 6	3 to 6	3 to 6	3 to 6	3 to 6
	Mathematical Laboratory.....	§ XII. 1	3 (b)	3 (b)	3 (b)	3 (b)	3 (b)
	Shopwork.....	§ XIV. 6	6	6	6	6	6
	SECOND YEAR.	Botany.....	§ XI., 11	—	—	—	—
Chemistry.....		" 8	—	—	—	7	14
English.....		" 14	1	1	1	1	1
French or German.....		" 15	2	2	2	2	2
Kinematics of Machinery.....		" 6	—	2	2	—	—
Mathematics.....		" 13	6	6	6	6	—
Physics.....		" 12	2	2	2	2	2
Surveying.....		" 2	3	—	—	3	—
Zoology*.....		" 10	3	—	—	3	—
Drawing.....		" 3	3	3	6	6	—
Physical Laboratory.....	§ XII. 3	6	6	6	3	5	
Shopwork.....	§ XIV. 3	3	6	6	3	—	
THIRD YEAR.	Chemistry.....	§ XI., 8	—	—	—	6	16
	Determinative Mineralogy.....	" 8	—	—	—	3	3
	Dynamics of Machinery.....	" 6	—	2	2	—	—
	Electrical Engineering.....	" 5	—	2 (b)	—	—	—
	Geology and Mineralogy * *.....	" 10	3	—	—	4 to 5	4 to 5
	German.....	" 15	—	—	—	—	—
	Mathematics.....	" 13	3	3	3	3	—
	Machine Design.....	" 6	2	2	3	—	—
	Mining.....	" 7	—	—	—	3	—
	Physics.....	" 12	2	2	2	2	2
	Surveying.....	" 2	3	—	—	3	—
	Theory of Structures.....	" 1	4	3	3	3	—
	Zoology *.....	" 10	—	—	—	—	3
Drawing.....	" 3	9	6	6	3	—	
Electrical Laboratory.....	§ XII. 6	—	6 (b)	—	—	—	
Physical Laboratory.....	" 3	3	9 to 11	3	3	3	
Testing Laboratory.....	" 4	6	3 (a)	3	—	—	
Thermodynamic Laboratory.....	" 5	—	—	6	—	—	
Shopwork.....	§ XIV. 6	—	6	6	—	—	
FOURTH YEAR.	Assaying.....	§ XI. 18	—	—	—	9	—
	Chemistry.....	" 8	—	—	—	—	24
	Dynamics of Machinery.....	" 6	—	1 to 2	1 to 2	—	—
	Electrical Engineering.....	" 5	—	—	—	—	—
	Geodesy.....	" 2	—	—	—	—	—
	Geology and Mineralogy * *.....	" 10	—	—	—	3	3
	Hydraulics.....	" 1	2	—	2	2	—
	Machine Design.....	" 6	—	1	1	—	—
	Mathematics.....	" 13	3 (a)	3 (a)	3 (a)	2 (a)	—
	Metallurgy.....	" 7	—	—	—	2	2
	Theory of Structures.....	" 1	4	—	—	—	—
	Thermodynamics.....	" 9	2	2	2	2	—
	Drawing (Designing).....	" 3	8	3	9	8	—
	Electrical Laboratory.....	§ XII. 6	—	12	—	—	—
	Geodetic Laboratory.....	" 7	3	—	—	—	—
	Hydraulic Laboratory.....	" 8	3	—	3	3	—
	Mechanical Laboratory.....	" 9	—	—	6	—	—
Museum Work.....	" —	—	—	—	6	—	
Physical Laboratory.....	" 3	Opt.	9	Opt.	Opt.	Opt.	
Testing Laboratory.....	" 4	3	—	—	3	—	
Thermodynamic Laboratory.....	" 5	3	—	7	—	—	
Shopwork.....	XIV. 3	3	4	4	—	—	

(a) First term. (b) Second Term. \* Besides study in the Museum.  
 \*\* Also Saturday excursions, and Museum and Petrographical work.

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### § III. MATRICULATION AND ADMISSION.

All Students are recommended to take the First and Second Years of the Arts Course. They are then admitted into the Faculty of Applied Science without examination.

Students and Graduates in Arts will be admitted to such standing in the Faculty of Applied Science as their previous studies will warrant, but are recommended to take the drawing and shop-work during their Arts Course.

Candidates for examination must present themselves on the first day of examinations, and all Students must attend punctually at 9 a.m. on Friday, September 21st, when the lectures will begin.

Examinations for entrance will be held (1) on June 4th and following days in McGill College and at local centres, and (2) on Tuesday, September 18th, and following days in McGill College only.

Any Head Master or other person desiring a local examination in June must, before May 10th, submit the name of some suitable person, preferably a University graduate, who is willing to act as Deputy Examiner, *i.e.*, receive the questions, hold the examinations, and forward the answers to Montreal. Further particulars relating to this examination will be given on application to the Secretary of the University.

#### SUBJECTS OF EXAMINATION.

**MATHEMATICS**—*Arithmetic*—All the ordinary rules, including square root and a knowledge of the Metric System  
*Algebra*—Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations of one or more unknown quantities.

*Geometry*—Euclid, Bks. I., II., III., IV. and VI., with definitions of Bk. V., and easy deductions.

*Trigonometry*—As in Hamblin Smith, pp. 1-100, omitting Ch. XI.

**ENGLISH**—*Dictation. Grammar* including analysis. The leading events of English History.

After entrance, one modern language, *viz.*, FRENCH OR GERMAN, must be studied. In the former subject an entrance examination (to the beginning of Syntax, with easy translation) will be held at

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#### I. FOR THE

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the same time as the other examinations. The German may be taken without previous examination.

Candidates who produce certificates of having already completed a portion of a course in some recognized School of Applied Science may be admitted to an equivalent standing.

PARTIAL STUDENTS.—Students may be allowed to take one or more courses of instruction, upon showing by examination or otherwise that they are qualified to do so.

#### § IV. EXAMINATIONS.

##### I. FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

###### 1. FACULTY EXAMINATIONS.

There will be a Christmas examination for Students of the First Year in all the subjects, and for Students of the Second, Third and Fourth Years in Mathematics, and in those subjects which they take in the Faculty of Arts. A sessional examination in all the subjects will be held at the end of the First and Second Years.

###### 2. UNIVERSITY EXAMINATIONS.

(a) There will be a primary examination at the end of the Third Year in all the subjects of that year. Candidates must pass this Examination before entering the Final Year.

(b) There will be a final examination for the degree of Bachelor of Applied Science at the end of the Fourth Year, in all the subjects of that year.

Successful Students will be arranged in order of merit.

##### II. FOR THE DEGREE OF MASTER OF ENGINEERING.

Candidates must be Bachelors of Applied Science of at least three years standing, and must produce satisfactory certificates of having been engaged during that time upon *bona fide* work in either the Civil, Electrical, Mechanical, or Mining Branch of Engineering.

They must pass with credit an examination extending over the general theory and practice of Engineering, in which papers will be set having special reference to that particular branch upon which they have been engaged during the three preceding years.

Candidates must present applications for examinations, together with the necessary certificates and fees. The Faculty will notify the candidates whether their certificates are satisfactory, and also of the date of the examination. (See also § V.)

### III. FOR THE DEGREE OF MASTER OF APPLIED SCIENCE.

Candidates must be Bachelors of Applied Science of at least three years standing, must present certificates of having been employed during that time in some branch of scientific work, and must pass with credit an examination on the theory and practice of those branches of scientific work in which they may have been engaged. The other conditions as under the last heading. (See also § V.)

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### § V. GRADUATE COURSES.

Students who take the Bachelor's degree in one of the courses provided by the Faculty of Applied Science may graduate in any of the remaining courses by attending one or more subsequent sessions.

Graduates may also take an advanced course in the branch in which they have received their degree. On passing an examination at the end of such advanced course, the Master's degree will be conferred without further examination as soon as satisfactory certificates of having been employed for two years in practical work have been received.

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### § VI. ATTENDANCE AND CONDUCT.

The regulations under this head are in all respects the same as those in force for Undergraduates in Arts.

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### § VII. LIBRARY AND MUSEUM.

Students in this Faculty have the same privileges with reference to the University Library and Museum as Undergraduates in Arts

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### § VIII. FEES.

The total fees for all Students will be \$102.00 per annum, of which amount the sum of \$63.00 is for tuition, \$14.00 are University fees

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(matriculation, library, graduation, etc.), and \$25.00 are for the use of the machinery and other apparatus, as well as the cost of material in the workshops and engineering laboratories.

Every Student will be required to deposit with the Secretary of the University the sum of \$5.00, as caution money for damage done to the machinery or other apparatus.

Partial Students may be admitted to the Professional Classes in any year by payment of the ordinary fees for that year; or they may attend the lectures on any subject by payment of a special fee. The fee for English or French or German is \$4.00 per session. In all other subjects, the fee, unless otherwise specified, is \$10.00 for each term, or \$20.00 for the whole session.

**SPECIAL WORKSHOP FEES.**—Partial Students desirous of taking the workshop courses will be required to pay the following fees, which include cost of materials and use of all tools :

1 day, or 7 hours per week for the whole Session from	September to April :	\$25 00
2 days, or 14	“ “ “	45 00
3 days, or 21	“ “ “	60 00
4 days, or 28	“ “ “	70 00
Supplemental Examination, at date fixed by Faculty		\$2 00
“ “ if for any special reason granted		
at any other date than that fixed by the Faculty		\$5 00

The fees must be paid to the Secretary, and the tickets shown to the Dean, within fourteen days after the commencement of attendance in each Session. In case of default, the Student's name will be removed from the College books, and can be replaced thereon only by permission of the Faculty, and on payment of a fine of \$2.

Students are required to purchase their own chemicals, etc., except in the First Year. The larger pieces of chemical apparatus will be supplied by the Laboratory, the Students being responsible for breakage.

Graduates in the Faculty of Applied Science may take further courses on payment of half the ordinary tuition fees.

Fee for the Degree of MASTER OF ENGINEERING or MASTER OF APPLIED SCIENCE, \$10.00.

If for any special reason the Degree of MA.E., or M.A.Sc., be granted *in absentia*, the fee will be \$25.00.

### § IX. MEDALS, EXHIBITIONS, PRIZES AND HONOURS.

1. THE BRITISH ASSOCIATION GOLD MEDAL AND EXHIBITION, founded by the British Association for the Advancement of Science, in commemoration of the meeting held in Montreal in the year 1884.

The British Association Gold Medal for the Session 1894-95 will be awarded to the Student in the Fourth Year who takes the highest standing in the Electrical Engineering Course.

2. THE GOVERNOR GENERAL'S SILVER MEDAL (the gift of his Excellency The Right Honourable the Earl of Aderdeen).

The Medal for the Session 1894-95 will be awarded in the Fourth Year Mining Course.

The following Exhibitions and Prizes will be open for competition at the beginning of the session. *Students are required to notify the Dean of their intention to compete, at least one week before the commencement of the examinations.*

3. A British Association Exhibition of \$50.00 to Students entering the Fourth Year, the subjects of examination being the Mathematics and Theory of Structures of the Ordinary Course.

4. A SCOTT EXHIBITION of \$60.00, founded by the Caledonian Society of Montreal, in commemoration of the Centenary of Sir Walter Scott, to Students entering the Third Year, the subjects of Examination being:—

(a) Macaulay's History of England, Vol. I, Cap. I; Scott's Lady of the Lake.  
(b) Mathematics of the Second Year Course. (c) French or German of the Second Year Course.

5. Three Prizes of \$25.00 and \$15.00, and \$10.00, will be open for competition to Students entering the Second Year, the subjects of Examination being the Mathematics of the First Year course.

6. Two prizes of \$25.00 each, presented by E. B. Greenshields, B.A., and P. A. Peterson, M. Inst. C.E., be will given for the best Summer Essays on engineering subjects.

N.B. Undergraduates are strongly advised to prepare, during the Summer months, a thesis or report on some subject connected with the special course they are pursuing at the University. All prize theses must be placed in the hands of the Dean on or before the 1st of October.

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7. The Mason prize of \$50.00 in Electrical Engineering, given by Dr. A. F. Mason for original investigation in the practical application of Electricity.

8. Two Prizes, each of \$10.00, from the British Association Medal Fund, to Students entering the Third Year, for proficiency in Leveling or Transit Work.

9. Prizes or certificates of merit are given to such Students as take the highest place in the Sessional and Degree Examinations.

10. HONOURS.—On graduation, Honours will be awarded for advanced work in Professional subjects.

11. By the will of the late Dr. T. Sterry Hunt, F.R.S., an endowment has been provided for Scholarships in Practical Chemistry, which it is hoped will be available before the close of next session.

12. SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSION FOR THE EXHIBITION OF 1851.—These Scholarships of £150 sterling a year in value are tenable for two or, in rare instances, three years. They are limited, according to the Report of the Commission, "to those branches of Science (such as Physics, Mechanics and Chemistry) the extension of which is specially important for our national industries." Their object is, not to facilitate ordinary collegiate studies, but "to enable Students to continue the prosecution of Science with the view of aiding in its advance or in its application to the industries of the country."

A nomination to one of these scholarships for the year 1893 was placed by the Commission at the disposal of McGill University, and another may be granted in 1895.

It is open to Students of not less than three years' standing in the Faculties of Arts or Applied Science, and is tenable at any University or at any other Institution approved by the Commission.

13. WORKSHOP PRIZES.—(a) A Prize of \$20.00, presented by C. J. Fleet, B.A., B.C.L., for bench and lathe work in the wood-working department, open to Students of not more than two terms standing in workshop practice. (b) Other prizes to be announced during the session.

#### § X. SPECIAL PROVISIONS.

1. Partial Students may be admitted to the professional classes upon payment of special fees (§ VIII).



2. Students in Applied Science may, by permission of the Faculty, take the Honour Classes in the Faculty of Arts.

3. Undergraduates in Arts of the Second and Third Years, or Graduates of any University, entering the Faculty of Applied Science, may, at the discretion of the Professors, be exempted from such lectures in that Faculty as they have previously attended as Students in Arts.

4. Students who have failed in a subject in the Christmas or Sessional Examinations may regain their standing by passing a supplemental examination at a time appointed by the Faculty. Unless such supplemental examination is passed, Students will not be allowed to proceed to any subsequent examination in the subject. A second supplemental examination will not be granted.

5. Students may be required to answer satisfactorily a weekly paper on such subjects of the course as shall be determined by the Faculty.

6. Students who fail to obtain their Session, and who in consequence repeat a Year, will not be exempted from examination in any of those subjects in which they may have previously passed, except by the express permission of the Faculty. Application for such exemption must be made at the commencement of the Session.

7. A Student may obtain a certificate of standing on payment of a fee of \$2.00.

8. Certificates may be given to Students who have passed through any of the special courses attached to the curriculum.

9. The headquarters of the Canadian Society of Civil Engineers are at present in Montreal. The Society holds fortnightly meetings, at which papers upon practical current engineering subjects are read and discussed. Undergraduates joining the Society as Students may take part in these meetings and acquire knowledge of the utmost importance in relation to the practical part of the profession.

10. Caps and gowns, also the overalls for the workshops, may be obtained from the janitor of the Engineering Building.

## I. CIVIL

Professor :—HENRY  
Professe  
Associa

### THEORY

The lectures on

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(b) The method of finding moments to w

(c) A study of the statement of the p with a discussion of resistance offered b

(d) The design of piers and trusses, walls.

TEXT-BOOK.—

During the Session deliver a series of

(a) Traffic, gra

(b) Determinati

(c) Laying out of construction; specific

(d) Track-laying, semaphores, switch-graphic, staff, blo

(e) Operation and maintenance of wa

(f) Résumé of the Engineer.

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The lectures deal with practical applications. The Student is

## § XI. COURSES OF LECTURES.

### I. CIVIL ENGINEERING AND APPLIED MECHANICS.

Professor:—HENRY T. BOVEY, M.A., D.C.L., M.INST.C.E., F.R.S.C. (Scott  
Professor of Civil Engineering and Applied Mechanics).

Associate Professor of Hydraulics:—H. BAMFORD, M.Sc.

Lecturers:— $\left\{ \begin{array}{l} \text{C.B. SMITH, MA.E.} \\ \text{R. S. LEA, MA.E.} \end{array} \right.$

#### THEORY OF STRUCTURES. (For Laboratory Work, see § XII.)

The lectures on this subject embrace:—

(a) The analytical and graphical determination of the stresses in the several members of framed structures, both simple and complex, as, *e.g.*, cranes, roof and bridge trusses, piers, etc.

(b) The methods of ascertaining and representing the shearing forces and bending moments to which the members of a structure are subjected.

(c) A study of the strength, stiffness and resistance of materials, including a statement of the principles relating to work, inertia, energy and entropy, together with a discussion of the nature and effect of the different kinds of stress and the resistance offered by a material to deformation and to blows.

(d) The design and proper proportioning of beams, pillars, shafts, roofs, bridge piers and trusses, arches, masonry dams, foundations, earth works and retaining walls.

TEXT-BOOK.—Bovey's Theory of Structures and Strength of Materials.

#### RAILROAD ENGINEERING.

During the Session 1894-95, it is expected that Mr. C. B. Smith, Ma.E., will deliver a series of lectures on Railroad Engineering embracing:—

(a) Traffic, gradients, curvature, train resistance, etc., leading up to:—

(b) Determination of structures required in construction.

(c) Laying out of work; calculation of quantities of material used in construction; specifications for same.

(d) Track-laying, ties (wooden and metal), ballast, steel rails and fastenings, semaphores, switches, yards, turnouts, frogs, etc., methods of signalling, telegraphic, staff, block, permissive block, etc.

(e) Operation and equipment, with special reference to couplers and brakes; maintenance of way, renewals, surfacing, etc.

(f) Résumé of Railroad law, having special reference to the duties of an Engineer.

#### HYDRAULICS. (For Laboratory Work, see § XII.)

The lectures deal with this subject both theoretically and with reference to its practical applications.

The Student is instructed in the fundamental laws governing the equilibrium

of fluids, and in the laws of flow through orifices, mouth-pieces, submerged (partially or wholly) openings, over weirs, through pipes in open channels and rivers. The impulsive action of a free jet of water upon vanes, both straight and curved, is carefully discussed, and is followed by an investigation of the power and efficiency of the several hydraulic motors, as, *e.g.*, Reaction Wheels, Pressure Engines, Vertical Water Wheels, Turbines, Pumps, etc.

#### PRACTICAL HYDRAULICS.

During the Session 1894-95 Mr. R. S. Lea, Ma.E., will deliver a series of practical lectures on Hydraulics, embracing quantity and quality of waters; systems and sources of supply; rainfall and evaporation; storage as related to the supplying capacity of water-sheds; natural and artificial purification; distribution including the location of mains, hydrants, stop-valves, etc., for combined or separate fire and domestic systems; details of construction, including dams, reservoirs, pumps, etc., preliminary surveys, estimates of cost, statistics, etc.

#### 2. SURVEYING AND GEODESY.

Professor:—C. H. McLEOD, MA.E.

Assistant:—J. G. G. KERRY, MA.E.

This course is designed to qualify the Student for admission to the practice of Provincial and Dominion Land Surveying. It also affords a practical and theoretical training in Field Engineering, Practical Astronomy, and in the simpler operations of Geodetic Engineering. The instruction is given by lectures and by practice in the field, drawing room, laboratory and observatory. The course of lectures is as follows:—

SECOND YEAR.—Chain and angular surveying. The construction, adjustment and use of the various instruments. Contour surveying. Underground surveying. Topography. Ranging curves. Levelling and setting out work.

THIRD YEAR.—Railway locations. Geodetic levelling. Indirect and Barometric levelling. Hydrographic surveying. Introduction to Practical Astronomy.

FOURTH YEAR.—Geodesy. Practical Astronomy.

Each Student in this course is required to take part in the following:—

1. A chain survey.
2. A contour survey based on 1.
3. Compass surveys with and without local attraction.
4. A plane-table survey.
5. The preliminary surveys and location of a line of road, the work being afterwards set out for construction.
6. The hydrographic survey of a channel in the St. Lawrence River.
7. A triangulation survey from one base, checking on a second base.
8. The precise measurement of two base lines.
9. Differences of level by spirit level, triangulation and barometer.
10. Determinations of latitude by the zenith telescope and prime vertical methods.
11. Determination of the meridian.
12. Determinations of time by a portable astronomical transit, by sextant, and by the solar attachment.
13. Determination of longitude by the telegraphic method and by moon culminations.
14. Exercises on the comparison of clocks and chronometers.
15. Practice in the use of field magnetic instruments.

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from them to prepare all plans and sections required. The necessary instruction in topography and mapping is given in the drawing room.

The large drawing rooms are fitted up with suitable mountings for the various instruments, in order to permit of their use and investigation during the winter months. The equipment of surveying and geodetic instruments includes :—

Six transits and transit theodolites. Seven levels. Four sextants. Two plane tables. Three surveyor's and three prismatic compasses. Three current-meters. A 300 foot steel tape arranged for basework. An Altazimuth. A Precision Level. A Zenith Telescope. Astronomical Transits. Break-circuit Chronometer. Chronographs. Heliotropes. Hand levels, chains, rods, tapes barometers, pedometers, and other minor instruments.

The instruction in the Observatory and Geodetic Laboratory (see § XII.) will be given in the Fourth Year.

Examinations for Land Surveyors :—Any graduate in the Faculty of Applied Science in the Department of Civil Engineering and Land Surveying may have his term of apprenticeship shortened to one year for the profession of Land Surveyor in Quebec or Ontario, or for the profession of Dominion Land Surveyor. He must, however, pass the preliminary and final examinations before one of the Boards of Examiners. The former examination should be passed before entering the University, or in the First or Second Year of attendance.

Special provisions will be made for Students who desire to pass the Examination for Dominion Topographical Surveyor.

TEXT-BOOKS :—Gillespie's Surveying, Johnson's Theory and Practice of Surveying, Shortland's Nautical Surveying, Green's Practical and Spherical Astronomy, Nautical Almanac.

### 3. DESCRIPTIVE GEOMETRY.

Lecturers :— { C. H. MCLEOD, MA.E.  
C. B. SMITH, MA.E.  
J. G. G. KERRY, MA.E.

FIRST YEAR.—Geometrical drawing, orthographic projections, including penetrations, developments, sections, etc. Isometric projection.

SECOND YEAR.—Problems on straight line and plane. Projections of plane and solid figures. Curved surfaces and tangent planes. Intersections of curved surfaces. Axometric projections. Shades and shadows. Mathematical perspective and the perspective of shades and shadows.

THIRD YEAR.—Graphical determination of spherical triangles. Spherical projections. Construction of maps.

TEXT BOOK :—Millar's Descriptive Geometry.

### 4. FREEHAND AND MODEL DRAWING.

Demonstrators :— { A. T. TAYLOR, F.R.I.B.A.  
C. B. SMITH, MA.E.

This course is designed to give Students facility in observation and in sketching objects, both from the flat and from the round. Special instruction is given in sketching parts of machinery, structural work, etc.

## 5. ELECTRICAL ENGINEERING.

Professor :—C. A. CARUS-WILSON, M.A., M.Inst.E.E., A. M.Inst.C.E.

(McDonald Professor of Electrical Engineering).

The object of this course is to introduce the Student to the principles underlying the practice of Electrical Engineering. Very little time is devoted to the consideration of strictly technical details, which the Student can far better study in the factory, where he is strongly recommended to go after his college course. The methods and the instruments used are, in almost every case, those that the Student will have eventually to use in practice. The object of the lectures is not to go over ground already covered by the text-books, except in cases where the subjects are not clearly put, but rather to direct the reading of the Students and to discuss problems arising out of the laboratory work.

The work in the Electrical Engineering laboratories is not commenced until the second term of the Third Year. By that time the Students will have gained a fair general acquaintance with Electricity in the Physical laboratory. They will then begin a series of experiments on Electricity and Magnetism on a practical scale, using methods and instruments in ordinary practical use, still however, confining their attention to the principles and not to their application. Thus the principle of the magnetic circuit will be studied in many different ways, but with apparatus put together for each special experiment. This term's work is preparatory to that of the Fourth Year, when the Students will, in the Dynamo Room, study the practical application of these principles.

Here they will make experiments on electrical machinery of all kinds; series, shunt, and compound dynamos; motors, motor-generators, alternators, etc. They will be able to carry out tests of dynamos, transformers and motors under practical working conditions, not only on the apparatus in the dynamo room but also throughout the building, where there are several motors, driving lathes, fans, etc., besides an electric elevator and an electric drill. In addition to these advantages they will have the opportunity of seeing a typical lighting station of twelve hundred lights at work, and may become familiar with the best practice and design on engines, dynamos, switchboard, wiring, etc.

## 6. MECHANICAL ENGINEERING.

Professor :—J. T. NICOLSON, B.Sc., M.Can.Soc. C.E., M.Am.Soc. M.E.

(Workman Professor of Mechanical Engineering).

Assistant :—G. SINCLAIR SMITH, B.A.Sc.

This course embraces four subjects of study, as follows :—

## I. DESCRIPTIVE MECHANISM, AND KINEMATICS OF MACHINERY:

A course of lectures, illustrated by the lantern, will be given in the First Year, introducing the subject of mechanism in general to the Student. Beginning with elementary contrivances and common forms, the functions and principles of all

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kinds of ordinary mechanisms are explained; and the course concludes with detailed descriptions of prime movers, machine tools, locomotives, and a few lectures on the principles of the action of cutting tools.

In the Second Year the Science of Kinematics applied to machinery is taken up. Reuleaux's principles and classifications are followed, and illustrated by the fine and unique collection of models in the Museum. The synopsis of the course includes the following subjects: Definition of a machine. Lower Pairs. Kinematic chains and trains. Centrodes. Restraint. Higher Pairs. Force and chain closure. Dead points. Notation. Analysis of the quadric crank chain, the slider-crank chain, the double-slider crank chain. Chamber crank and wheel trains. Kinematic synthesis.

## II. DYNAMICS OF MACHINERY.

While motion without regard to force was considered in the kinematic course, the action of external forces so as to compel rest or prevent change of motion, or so as to produce or to change motion in the links of mechanisms, is now considered in a series of lectures extending over two years.

The Third Year course embraces the following:

Friction. Laws based on recent experiments, applied to journals and pivots. Railway brakes. Resistance to rolling. Friction in mechanisms treated graphically. Dynamics of belt and rope drives. Friction clutches. Elementary parts of dynamics of the steam engine, curves of crank effort for single and multiple cranks. Fluctuation of energy and of speed. Fly-wheels. Indicators. Absorption and transmission dynamometers.

Fourth Year:—Balancing of double and single acting engines and of the locomotive. Rigid dynamics applied to the connecting rod, the oscillating engine, the governor, and gyrostatic action in machinery. The inter-relation between fly-wheel and governor. Dynamics of machine tools, of pumping and of forging machines. Graphic treatment of the dynamics of complicated machines.

## III. MACHINE DESIGN.

In the above courses the parts of the machines considered have been supposed perfectly rigid; their real state in this respect is considered in two courses of lectures extending over the Third and Fourth Years. The nature of the instruction is sufficiently indicated in the Text-book, which is Unwin's Machine Design, 2 vols.

## IV. MECHANICAL DRAWING.

This course extends over three years:—

SECOND YEAR:—Elementary principles of mechanical drawing. Simple machine details. Sketching of machinery. Dimensioning. Tracing and conventional colouring.

THIRD YEAR:—Making of working drawings. Simple designing. Engine designing.

FOURTH YEAR:—Practical machine design. The complete design of a machine, such as a steam engine, a pump, a crane, a turbine, or a machine tool.



## 7. MINING AND METALLURGY.

Lecturer :—W. A. CARLYLE, MA.E.

The lectures on Mining are given during the Third Year, and among the subjects taken up the following may be mentioned :—Blasting and the nature and use of different Explosives, Quarrying, Hydraulic Mining, Boring; the Sinking, Timbering and Tubbing of Shafts; Driving and Timbering of Levels, Underground Conveyance and Hoisting, Drainage and Pumping, Lighting and Ventilation of Mines, special methods of Exploitation employed in the working of Metalliferous Deposits or of Coal Seams, etc.

Ore-dressing and Underground Surveying will also receive special attention. As yet there is no special mining laboratory in which practical operations in ore-dressing, etc., can be carried on, but it is hoped that this deficiency will be supplied in the near future.

In the Fourth Year a course of lectures on Metallurgy is given. The general properties of the metals and the nature of fuels, fire-clays, etc., are first discussed and afterwards the more important metals and the methods of obtaining them from their ores by wet or dry process taken up in detail.

Students of the Fourth Year also devote considerable attention to the designing of mining machinery, furnaces, etc.

## 8. CHEMISTRY AND ASSAYING.

Professor :—B. J. HARRINGTON, B.A., PH.D. (Greenshields Professor of Chemistry and Mineralogy).

Sessional Lecturer :—NEVIL NORTON EVANS, M.A.Sc.

Assistant :—

This course includes lectures and laboratory work. In the First Year, Students of all the Departments attend a course of lectures on the laws of Chemical Combination, Chemical Formulæ and Equations, the preparation and properties of the more important Elements and their Compounds, etc. They also devote one afternoon a week throughout the session to practical work in the Laboratory, where they learn the construction and use of ordinary apparatus, perform a series of experiments designed to cultivate the powers of observation and deduction, and begin Qualitative Analysis.

In the Second and Third Years, Students in the Department of Practical Chemistry attend lectures on the Chemistry of the metals or on Organic Chemistry, and receive instruction in Qualitative and Quantitative Analysis, including gravimetric and volumetric methods and the application of electrolytic methods to the estimation of copper, nickel, etc. Blowpipe Analysis and Determinative Mineralogy also constitute part of the work of the Third Year.

In the Fourth Year, special attention is devoted to such subjects as Mineral Analysis and Assaying, and the Analysis of Iron and Steel; but considerable latitude is allowed to Students in the choice of subjects, and organic work may, if desired, be taken up.

Students of the Second Year to Miners attend the class Year.

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Students of the Mining Course take Qualitative and Quantitative Analysis during the Second and Third Years, and devote considerable attention in the Fourth Year to Mineral Analysis and Assaying of various ores, fuels, etc. They also attend the class in Blowpipe Analysis and Determinative Mineralogy in the Third Year.

The chemical laboratories (see § XII) are open daily (Saturdays excepted) from 9 a.m. to 5 p.m.

#### 9. THERMODYNAMICS.

Lecturer :—J. T. NICOLSON, B.Sc., M.CAN.SOC.C.E.

Demonstrator :—G. S. SMITH, B.A.Sc.

Fundamental laws and equations of thermodynamics. Application to perfect gases and to steam saturated and superheated. Efficiency of perfect heat engines. Efficiency of actual air, gas, petroleum, and steam engines.

A study of the steam engine, including wire-drawing, cylinder condensation and jacketing, and the most efficient and most economical point of cut-off. Sizes and proportions of cylinders in single, double and triple expansion engines to develop a given power. Expected indicator diagrams. Sizes and proportions of the principal types of steam generators. Comparison of practical suitability of steam and caloric engines. Theory of engine and boiler testing.

#### 10. GEOLOGY AND MINERALOGY.

Professors :— { B. J. HARRINGTON, B.A., Ph.D., F.G.S.  
 { FRANK D. ADAMS, M.A.Sc., Ph.D.

SECOND YEAR.—A preliminary Course in Zoology, with special reference to Fossil Animals.

THIRD YEAR.—Mineralogy (Ordinary and Honour), Petrography, Physical and Chronological Geology and Palæontology, Geology of Canada, Methods of Geological Exploration.

FOURTH YEAR.—Special studies in Mineralogy and Petrography; Advanced Course in General Geology and Palæontology; Geology of Canada; Practical Geology and Field-work.

For further details see Announcement of the Faculty of Arts.

NOTE.—Students of the Mining and Chemistry courses take the Honour Mineralogy of the Third Year in Arts. Mining Students take the whole Honour course of the Fourth Year. Chemistry Students take, in addition to the ordinary course in Geology, the Honour Mineralogy of the Fourth Year.

#### 11. BOTANY.

Professor :—D. P. PENHALLOW, B.Sc., F.R.S.C.

Course.—General Morphology and Classification. Descriptive Botany. Flora of Canada. Nutrition and reproduction of Plants. Elements of Histology.

#### 12. ZOOLOGY.

Lecturer :—W. E. DEEKS, B.A., M.D.

For course see Faculty of Arts p. 54.

## 13. EXPERIMENTAL PHYSICS.

Professors :— { JOHN COX, M.A. (McDonald Professor of Physics).  
 { HUGH L. CALLENDAR, M.A. (McDonald Professor of Physics).

The instruction includes a fully illustrated course of Experimental Lectures on the general principles of Physics (embracing, in the Second Year—*The Laws of Energy—Heat and Light*; in the Third Year—*Sound—Electricity and Magnetism*), accompanied by courses of practical work in the Laboratory in which the Students will perform for themselves experiments, chiefly quantitative, illustrating the subjects treated in the lectures. Opportunity will be given to acquire experience with all the principal instruments used in exact physical and practical measurements. Students of Electrical Engineering will continue their work in the Laboratory in the Fourth Year, when they will undertake, under the guidance of the Professors, advanced measurements and special investigations bearing on their technical studies.

## 14. MATHEMATICS AND MATHEMATICAL PHYSICS.

Professor :—G. H. CHANDLER, M.A.

Lecturer :—R. S. LEA, M.A.E.

The work in this department is conducted from the outset with special reference to the needs of Students of Applied Science. Much time is given to practice in the use of Mathematical Tables, particular attention being paid to the solution of triangles, the tracing of curves, graphical representation of functions, reduction of observations, etc. Areas, volumes, masses, centres of gravity, moments of inertia, etc., are determined both by calculation and by observation or experiment, and each method is made to supplement or illustrate the other. In this connection, use will be made, in actual laboratory practice, of a large amount of apparatus, such as balances, Atwood's Machines, inclined planes, chronographs, rotation apparatus of various kinds, etc. The different methods of approximation, the reduction of results of experiments and observations by least squares, etc., will also receive due attention.

The lectures will embrace the following subjects :—

FIRST YEAR.—Euclid, to the end of Book VI., with exercises on Loci, Transversals, etc. Algebra, including the Binomial Theorem. Elements of Solid Geometry and of Geometrical Conic Sections. Plane and Spherical Trigonometry. Elementary Kinematics and Dynamics.

SECOND YEAR.—Analytic Geometry. Differential and Integral Calculus Dynamics of Solids and Fluids.

THIRD AND FOURTH YEARS.—Continuation of Analytic Geometry, Calculus and Dynamics.

Classes may also be held or advanced (optional) work in these or other subjects.

*Text-Books*

Elementary Algebra  
 Analytic Geometry  
 Physics, Bottomley

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*Text-Books* (Partial list):—Todhunter's or Mackay's Euclid, Hall & Knight's Elementary Algebra, Wilson's Solid Geometry and Conic Sections, Wentworth's Analytic Geometry, Chandler's Calculus, Blakie's Dynamics, Wright's Mechanics, Bottomley's Mathematical Tables, Chambers' Mathematical Tables.

#### 15. ENGLISH LANGUAGE AND LITERATURE.

Professor:—C. E. MOYSE, B.A. (Molson Professor of English Language and Literature).

Lecturer:—C. W. COLBY, B.A.

FIRST YEAR.—English Language and Literature.

SECOND YEAR.—A special course on English Composition.

#### 16. FRENCH AND GERMAN.

*French Language and Literature.*

Professor:—P. J. DAREY, M.A., B.C.L., LL.D., Officier d'Académie.

Sessional Lecturer:—J. L. MORIN, M.A.

*First Year.*—Darey, Principes de Grammaire française. Lafontaine, les Fables Livres III et IV. Molière, l'Avare. Dictation. Colloquial exercises.

*Second Year.*—Simples lectures sur les Sciences, les Arts et l'Industrie, par J. Garrigues et Boutet de Monvel. Short Selections for Translating English into French, by Paul Bercy. Dictation. Parsing. Colloquial exercises.

*German Language and Literature.*

Lecturer:—L. R. GREGOR, B.A.

*First Year.*—Van der Smissen and Fraser's German Grammar; Joynes' German Reader; Dictation; Colloquial exercises.

*Second Year.*—Van der Smissen and Fraser's German Grammar; Joynes' German Reader; Freytag, Die Journalisten; Uhland, Ballads and Romances (Macmillan's Foreign School Classics); Parsing; Dictation; Colloquial exercises.

*Third Year.*—Van der Smissen and Fraser's German Grammar; Lessing, Minna von Barnhelm; Schiller, Siege of Antwerp; History of German Literature; German Composition; Dictation.

#### 17. METEOROLOGY.

Instruction in Meteorological Observations will be given in the Observatory at hours to suit the convenience of the Senior Students.

Certificates will be granted to those Students who pass a satisfactory examination on the construction and use of Meteorological Instruments and on the general facts of Meteorology.

## § XII. LABORATORIES.

In the Laboratories the Student will be instructed in the art of conducting experiments, a sound knowledge of which is daily becoming of increasing importance in professional work.

1. LABORATORY OF MATHEMATICS AND DYNAMICS.—This Laboratory is fully equipped with instruments for the measurement of distance (scales, micrometers, cathetometer), of area (planimeters) of volume (flasks, graduated vessels, etc.), of time (clocks, chronographs), of mass (beam and spring balances); it is also provided with specific gravity balances, Atwood and Morin machines for experiments on the Laws of Motion, inclined planes, a variety of rotation apparatus (gyroscope, Maxwell's Dynamical Top, torsion balance, pendulums, etc.), air-pumps, thermometers, barometers, etc.

2. CHEMICAL LABORATORIES.—The Chemical Laboratories are three in number,—one for Students of the First Year; one for Students of the Second and Third Years, in which it has been found necessary to carry on both qualitative and quantitative work; and one which is reserved for Students of the Fourth Year, and for special Students who may wish to carry on original investigations. There is also a special room in the basement which is fitted up for fire assaying.

The Laboratories are supplied with four balances by Becker & Sons, one Bunge and a bullion-balance by Trøemner. There are also a Laurent polariscope, a spectroscope by Duboscq, gas combustion and melting furnaces, apparatus for electrolytic work, etc., etc. Distilled water is obtained by means of a special boiler placed in the basement, which also supplies the steam for drying-ovens, steam baths and drying-chamber in the upper Laboratories.

3. PHYSICAL LABORATORY.—The McDonald Physical Laboratory contains five storeys, each of 8,000 square feet area. Besides a lecture theatre and its apparatus rooms the Building includes an elementary laboratory nearly 60 feet square; large special laboratories arranged for higher work by advanced students in Heat and Electricity, a range of rooms for optical work and photography; separate rooms for private thesis work by Students; and two large laboratories arranged for research, provided with solid piers and the usual standard instruments. There are also

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A 40 horse power two-stage air compressor of modern make for a central station is under construction in the workshops of the College, and will, it is hoped, be added to the Laboratory during next session.

Of the five boilers which supply steam, three are fitted for experimental purposes.

6. ELECTRICAL LABORATORIES.—These consist of:—

(1) *The Electrical Laboratory proper*, where the standard instruments are kept and experiments made in the electrical course. The instruments comprise, amongst others, two of Lord Kelvin's electric balances, a Thomson galvanometer, four d'Arsonval galvanometers, two Siemens dynamometers, two Kelvin electrostatic voltmeters, a complete set of Western ammeters and voltmeters, besides resistance coils, etc.

Current is supplied to all parts of the room from one of the lighting dynamos direct and from the accumulator room.

(2) *The Magnetic Laboratory*.—Here are set up a ballistic galvanometer, Ewing's curve tracer, and a variety of apparatus made in the College for magnetic tests of various kinds.



a lecture room, with apparatus room attached, for Mathematical Physics, a special physical library, and convenient workshops. The equipment is on a corresponding scale, and comprises: (1) apparatus for illustrating lectures; (2) simple forms of the principal instruments for use by the Students in practical work; (3) the most recent types of all the important instruments for exact measurement, to be used in connection with special work and research.

4. TESTING LABORATORIES.—The principal experiments carried out in these will relate to the elasticity and strength of materials, friction, the theory of structures, the accuracy of springs, gauges, dynamometers, etc., the efficiency of shafting, gearing, etc. The equipment includes a 100-ton Wicksteed and a 75-ton Emery machine for testing the tensile, compressive and transverse strength of materials. For the former, an addition has been specially designed, by means of which the transverse strength of timbers up to 25 feet in length can be determined. The Emery machine is constructed and graduated with such accuracy as to render possible delicate experiments on elasticity. The Laboratories are also provided with an autographic torsion machine for testing the torsional strength of materials, machines for determining the effect of repeated stresses, oil testers, strain extensometers, etc., and a very complete supply of gauges, micrometers, and other apparatus for exact measurements.

The importance of tests of the strength of mortars and cements is very great, and the equipment of the Laboratory for the purpose is on a complete plan, including three one-ton tensile testing machines, representing the best English and American practice, steaming apparatus, volumometers, apparatus for ascertaining standard consistency, mechanical mixers, special weighing hopper, spring balances, gun metal moulds, etc. By means of a line of shafting driven by an electric motor, mixtures are prepared and placed in the moulds, mechanically, thus eliminating the personal error. The Laboratory is also fitted with copper-lined cisterns, in which the briquettes may be submerged for any required time.

5. THERMODYNAMIC LABORATORY.—The Thermodynamic Laboratory is furnished with an experimental steam engine of 80 I.H.P., specially designed for the investigation of the behaviour of steam

(3) *The Dynamo*  
K W Edison dynamo  
Mordey alternator  
the armature can be  
three currents of an  
dynamo, a 7 K W  
Houston arc-light  
descent dynamo, and  
are driven off main  
MacIntosh and Se  
different transformer  
generator.

(4) *The Lighting*  
Hopkinson dynamo,  
by a Willans high speed  
that the building—con  
by the two dynamo  
running on two-wire  
in every respect typic

(5) *The Accumulators*  
storage cells of a uni

7. GEODETIC LABORATORY  
Rogers comparator for  
Rogers angular divid  
tion of circles, a Me  
nomical clock and ch  
lum apparatus, a W  
etc. In connection  
comparator and stan  
chains, tapes, rods, et

8. HYDRAULIC LABORATORY  
tically the flow of wat  
through submerged c  
pieces, etc. The Lab  
ing and other purpos  
sectional area of 25 sq  
pressure gauges and  
carry out tests upon  
turbines, pumps, the

(3) *The Dynamo Room.*—The apparatus here consists of a 25 K W Edison dynamo, two 12 K W Edison dynamos, a 12 K W Mordey alternator made specially for this laboratory (the coils on the armature can be moved round through any angle, and two on three currents of any phase difference obtained), a 7 K W Victoria dynamo, a 7 K W Fort Wayne dynamo, a 6 K W Thomson-Houston arc-light dynamo, a 15 K W Thomson-Houston incandescent dynamo, and a 5 K W Brush arc-light dynamo. All these are driven off magnetic clutch pulleys by an 80 horse power MacIntosh and Seymour engine. There are also here several different transformers, motors, arc lamps, etc., and a 3 K W motor generator.

(4) *The Lighting Station.*—This comprises a 30 K W Edison-Hopkinson dynamo, and a 30 K W Siemens dynamo, each driven by a Willans high speed engine. The switch-board is arranged so that the building—containing twelve hundred lights—can be lighted by the two dynamos in series, or, if the load is light, by one running on two-wire system or by accumulators. The whole is in every respect typical of the best English and American practice.

(5) *The Accumulator Room.*—Containing Crompton-Howell storage cells of a united capacity of eight hundred ampere hours.

7. GEODETIC LABORATORY.—There are in this Laboratory a Rogers comparator for the investigation of standards of length, a Rogers angular dividing engine for the graduation and investigation of circles, a Munro-Rogers linear dividing engine, an astronomical clock and chronograph, a portable Bessel's reversible pendulum apparatus, a Whitworth end-measuring machine, level triers etc. In connection with the Laboratory there is also a fifty-foot comparator and standard of length, for standardizing steel bands chains, tapes, rods, etc.

8. HYDRAULIC LABORATORY.—Here the Student will study practically the flow of water through orifices of various forms and sizes, through submerged openings, over weirs, through pipes, mouth pieces, etc. The Laboratory is supplied with several tanks for gauging and other purposes, the largest having a height of 30 feet and a sectional area of 25 square feet, also with a large number of delicate pressure gauges and other apparatus. The Students themselves carry out tests upon hydraulic motors, *e.g.*, upon the different turbines, pumps, the Pelton and other wheels, etc. The facilities

for conducting such experiments are unusually great, as from the city water supply there is an available head of over 200 feet.

By means of specially designed apparatus, investigations are carried out as to the force with which water, issuing from orifices, pipes, nozzles, etc., impinges upon surfaces of various forms and sizes.

This Laboratory is also to be provided with a set of pumps specially designed for experimental work and research. They are to be adapted to work under all pressures up to 120 lbs. per sq. in., and at all speeds up to the highest found practicable. The set is composed of three vertical single acting plunger pumps of 7 in. diam., 18 in. stroke, driven by one shaft. They are to have two interchangeable valve chests, and it is arranged that both the valves and their seats may be removed and replaced by others.

9. MECHANICAL LABORATORY.—In this Laboratory experiments will be carried out on the efficiency of belts, shafting, and machine tools. Governors of all types will be tested with the chronograph. Lubricants by journal friction-testing machine. Sliding and rolling friction and the stiffness of ropes will also form subjects for experiment.

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### § XIII. MUSEUMS.

The Peter Redpath Museum contains large and valuable collections in Botany, Zoology, Mineralogy and Geology, arranged in such a manner as to facilitate the work in these departments. Students have access to this Museum, in connection with their attendance on the classes in Arts in the subjects above named, and also by tickets which can be obtained on application. Students will also have the use of a Technical Museum, occupying the whole of the third storey of the Engineering Building. Amongst other apparatus the Museum contains the Reuleaux collection of kinematic models, presented by W. C. McDonald, Esq., and pronounced by Professor Reuleaux to be the finest and most complete collection in America.

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### § XIV. WORKSHOPS.

The workshops erected on the Thomas Workman Endowment have a floor area of more than 25,000 sq. ft.

The practical in the Student some construction, to fa machine tools, and same. For this pu of hours per week tendence of the I skilled mechanics. and gradually lead tures, frames, etc., ment with the ma possible, with the b

The equipment in

IN THE CARPENT DEPARTMENTS.—Ca lathes, a large patte band saws, buzz-pla

IN THE MACHINE 36-in. modern uprig machine, with vert universal grinding n buffing machine, a

IN THE SMITH SH

IN THE FOUNDRY.

furnace, moulders' l

The machinery in engine and a 10 I. F

Good board and l separately, board at The cost of drawing at from \$15 to \$30. session \$10 to \$30.

Estimated necessa fees but exclusive of



The practical instruction in the workshops is designed to give the Student some knowledge of the nature of the materials of construction, to familiarize him with the more important hand and machine tools, and to give him some manual skill in the use of the same. For this purpose, the Student, during a specified number of hours per week, will work in the shops under the superintendence of the Professor of Mechanical Engineering, aided by skilled mechanics. The courses commence with graded exercises, and gradually lead up to the making of joints, members of structures, frames, etc., finally concluding in the iron-working department with the manufacture of tools, parts of machines, and, if possible, with the building of complete machines.

The equipment includes the following :

IN THE CARPENTER, WOOD-TURNING AND PATTERN-MAKING DEPARTMENTS.—Carpenters' and pattern-makers' benches, wood lathes, a large pattern-maker's lathe, circular-saw benches, jig and band saws, buzz-planer, wood-borer, universal wood-worker, etc.

IN THE MACHINE SHOP.—The most improved engine lathes, a 36-in. modern upright drill, with compound table, universal milling machine, with vertical milling attachment, hand lathes, planer, universal grinding machine, universal cutter and reamer grinder, buffing machine, a 16-in. patent shaper, vise-benches, etc.

IN THE SMITH SHOP.—Forges, hand drill, and a power hammer.

IN THE FOUNDRY.—A cupola for melting iron, core oven, brass furnace, moulders' benches, etc.

The machinery in the shops is driven by a 50 I. H. P. compound engine and a 10 I. H. P. high speed engine.

#### ADDENDUM.

Good board and lodging may be obtained at \$18 per month ; or separately, board at \$12 to \$14, and rooms at \$5 to \$10 per month. The cost of drawing instruments for the whole course may be placed at from \$15 to \$30. Gown and overalls, \$7 to \$10. Books per session \$10 to \$30.

Estimated necessary cost per session of 7½ months, including fees but exclusive of clothing and travelling expenses, \$270 to \$320.

Endowment

FACULTY OF APPLIED SCIENCE—TIME TABLE.

YEARS	HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FIRST YEAR.	9	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Shopwork.
	10	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Do
	11	English.	French. German.	French. German.	French. German.	English.	Do
	12	Chemistry.	English.	Drawing.	Drawing.	Chemistry.	Do
	2 to 5	Geom. Drawing.	Shopwork.	Geom. Drawing (a), Mathematical Lab., (b).	Freehand Drawing.	Pract. Chemistry.	

94

YEARS	HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
SECOND YEAR.	9	Mathematics.	Mathematics.	French.	Mathematics.	French.	Shopwork, 4
	10	Physical Laboratory.	German.	Mathematics.	Kinematics, 2, 3. Surveying, 1, 4. Chemistry, 5.	German.	Do
	11	Do	Zoology, 1, 4.	Mathematics. Botany, 5.	Zoology, 1, 4.	Mathematics.	Do
	12	Do	Experimental Physics.	Kinematics, 2, 3. Surveying, 1, 4.	Experimental Physics.	English.	Do
	2 to 5	Mapping, 1. *Chemistry, 2, 4, 5. Shopwork, 2, 3.	Surveying (1 hr.), 1, 4. Desc. Geom., 1, 2, 3, 4, 5.	Shopwork, 1. *Chemistry, 4, 5. Mechl. Drawing, 2, 3.	Shopwork, 2, 3. Mapping, 1, 4. Chemistry, 5.	Physical Laboratory, 1, 2, 3, 5.	

\* The Chemical Laboratories are open to Second, Third and Fourth Year classes daily (Saturdays excepted) from 9 a.m. to 5 p.m. Field work during September and October, 2 to 5 p.m. For 2nd Year *Civil*, on Mondays, Tuesdays, Wednesdays, Thursdays and Fridays. For *Mining*, on Mondays Tuesdays, Thursdays and Fridays. For 3rd Year *Civil* and *Mining*, on Mondays, Wednesdays, Thursdays and Fridays. For 4th year *Civil*, on Saturday mornings and two first clear evenings each week, 7 to 9.

(a) First Term. (b) Second Term.

1. Civil Engineering Students. 2. Electrical Engineering Students. 3. Mechanical Engineering Students. 4. Mining Engineering Students. 5. Practical Chemistry Students

FACULTY OF APPLIED SCIENCE—TIME TABLE—Continued.

YEARS	HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
THIRD YEAR.	9	Experimental Physics.	Electrical Eng'g., 2 (b) Physical Lab., 2 (a) Mineralogy, 4, 5 (b)	Geology, 1, 4, 5. Dyna. of Mach., 2, 3.	Experimental Physics.	Desc. Geom., 1. Mineralogy, 4, 5. Thermo. Lab., 3. Physical Lab., 2.	Testing Lab., 1, 2 (a), 3. Electrical Lab., 2 (b).
	10	Geology, 1, 4, 5. Dyna. of Mach., 2, 3.	Surveying, 1, 4. Physical Lab., 2 (a) Electrical Lab., 2 (b)	Desc. Geom., 1. Shopwork, 2, 3. Mining, 4.	Chemistry, 5. Machine Design, 2, 3.	Geology, 1, 4, 5. Thermo. Lab., 3. Physical Lab., 2.	Do
	11		Ap. Mech., 1, 2 (c), 3, 4.			Ad. Mech., 1, 2.	

2 to 5  
 Mapping, 1.  
 \*Chemistry, 4, 5.  
 Shopwork, 2, 3.

Surveying (1 hr.), 1, 4.  
 Desc. Geom., 1, 2, 3, 4, 5.  
 Mech. Drawing, 2, 3.

Shopwork, 2, 3.  
 Mapping, 1, 4.  
 Chemistry, 5.

Physical Laboratory,  
 1, 2, 3, 5.

\* The Chemical Laboratories are open to Second, Third and Fourth Year classes daily (Saturdays excepted) from 9 a.m. to 5 p.m. Field work during September and October, 2 to 5 p.m. For 2nd Year *Civil*, on Mondays, Tuesdays, Wednesdays, Thursdays and Fridays. For 3rd Year *Civil* and *Mining*, on Mondays, Wednesdays, Thursdays and Fridays. For 4th year *Civil*, on Saturday mornings and two first clear evenings each week, 7 to 9 p.m.  
 (a) First Term. (b) Second Term.  
 1. Civil Engineering Students. 2. Electrical Engineering Students. 3. Mechanical Engineering Students. 4. Mining Engineering Students. 5. Practical Chemistry Students

TABLE OF APPLIED SCIENCE—TIME TABLE—Continued.

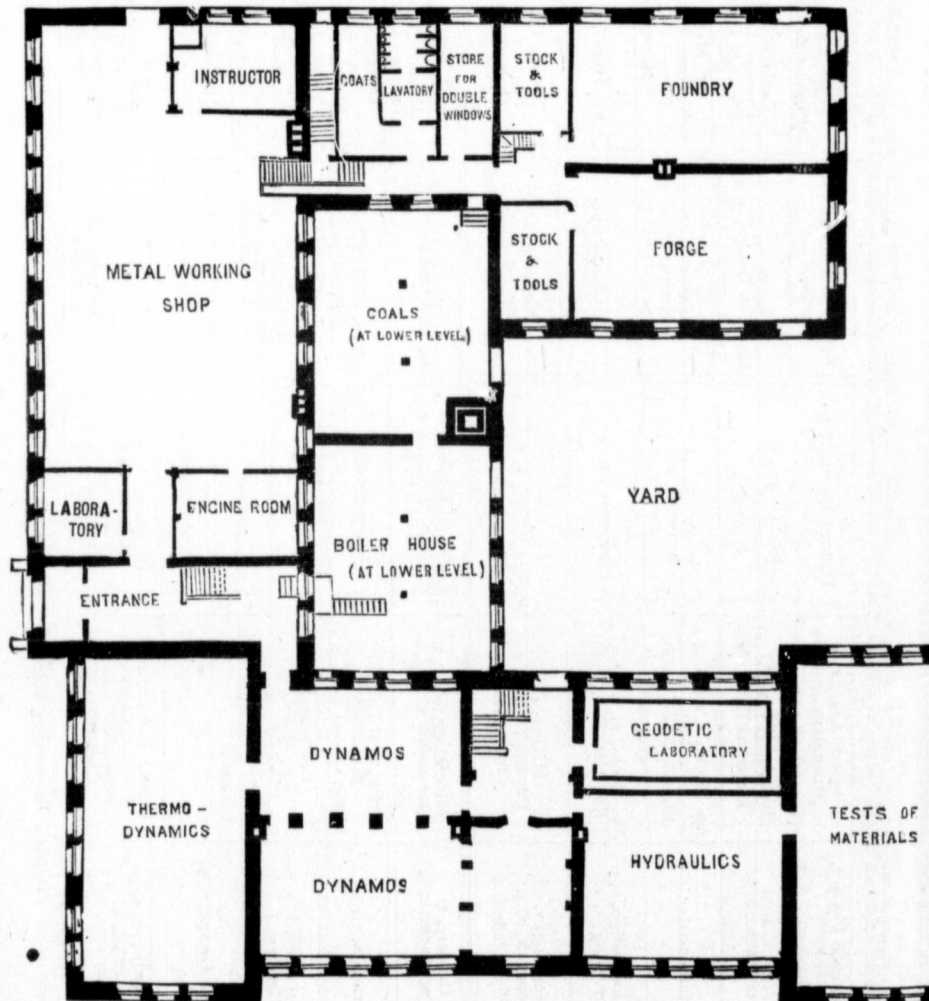
YEARS	HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>THIRD YEAR</b>							
9	9	Experimental Physics.	Electrical Eng'g., 2 (b) Physical Lab., 2 (a) Mineralogy, 4, 5 (b)	Geology, 1, 4, 5. Dyn. of Mach., 2, 3.	Experimental Physics.	Desc. Geom., 1. Mineralogy, 4, 5. Thermo. Lab., 3. Physical Lab., 2.	Testing Lab., 1, 2 (a), 3. Electrical Lab., 2 (b).
10	10	Geology, 1, 4, 5. Dyn. of Mach., 2, 3.	Surveying, 1, 4. Physical Lab., 2 (a) Electrical Lab., 2 (b)	Desc. Geom., 1. Shopwork, 2, 3. Mining, 4.	Chemistry, 5. Machine Design, 2, 3.	Geology, 1, 4, 5. Thermo. Lab., 3. Physical Lab., 2.	Do
11	11	Mathematics.	Ap. Mech., 1, 2 (c), 3, 4. Zoology, 5. Electrical Lab., 2 (b).	Surveying, 1, 4. Shopwork, 2, 3.	Mathematics. Zoology, 5.	Ap. Mech., 1, 2. Thermo. Lab., 3. Phys. Lab., 2 (b). Mining, 4.	Do
12	12	Machine Design, 2, 3. Surveying, 1, 4.	Ap. Mech., 1, 2 (a), 3, 4. Electrical Lab., 2 (b).	Shopwork, 2, 3.	Mathematics.	Ap. Mech., 1, 2, 3, 4.	Do
2 to 5	2 to 5	Mapping, 1. Shopwork, 2, 3. Chemistry, 4, 5.	Mining, 4. Drawing, 1, 2, 3, 4. Chemistry, 5.	Physical Lab., 1, 2, 3, 5. Chemistry, 4, 5	Mapping, 1. Drawing, 2, 3. Detr. Mineralogy, 4, 5.	Testing Lab., 1. Physical Lab., 2, 4. Thermo. Lab., 3. Chemistry, 5.	
<b>FOURTH YEAR</b>							
9	9	Geodesy, 1. Dyn. of Mach., 2, 3.	Mineralogy (a), 4, 5. Thermodyn., 1, 2, 3, 4.	Electrical Eng'g., 2. Hydraulic Lab., 1, 3, 4. Geology, 5.	Thermodynamics, 1, 2, 3, 4.	Designing, 1. Electrical Eng'g., 2. Metallurgy, 4, 5. Thermo. Lab., 3.	Designing, 4. Geodetic Lab., 1. Shopwork, 2, 3.
10	10	Hydraulics, 1, 3, 4.	Physical Lab., 2. Metallurgy, 4, 5. Mechanical Lab., 3.	Hydraulic Lab., 2. Electrical Lab., 2.	Hydraulics, 1, 3, 4. Metallurgy, 4.	Designing, 1. Geodesy, 1. Electrical Lab., 2. Thermo. Lab., 3.	Do
11	11	Mathematics, 1, 2, 3. Geology, 4.	Designing, 4. Ap. Mech., 1. Physical Lab., 2. Mechanical Lab., 3.	Do	Mathematics, (a). Designing 4 (b).	Ap. Mech., 1. Electrical Lab., 2. Thermo. Lab., 3. Geology, 4.	Do
12	12	Machine Design, 2, 3.	D	Do Mineralogy, 4, 5.	Mathematics, (a). Dyn. of Mach. (b), 2, 3.	Ap. Mech., 1. Electrical Lab., 2. Thermo. Lab., 3.	Do
2 to 5	2 to 5	Designing, 1, 2, 3. Assaying, 4. Chemistry, 5.	Testing Lab., 1, 4 (a). Physical Lab., 2. Mechanical Lab., 3. Chemistry, 5.	Designing, 1, 2. Electrical Lab., 2. Assaying, 4. Chemistry, 5.	Testing Lab., 1. Physical Lab., 2. Designing, 3. Assaying, 4. Chemistry, 5.	Designing, 4. Electrical Lab., 2. Thermo. Lab., 3. Chemistry, 5.	

(a) First Term. (b) Second Term.  
 1. Civil Engineering Students. 2. Electrical Engineering Students. 3. Mechanical Engineering Students. 4. Mining Engineering Students. 5. Practical chemistry Students.

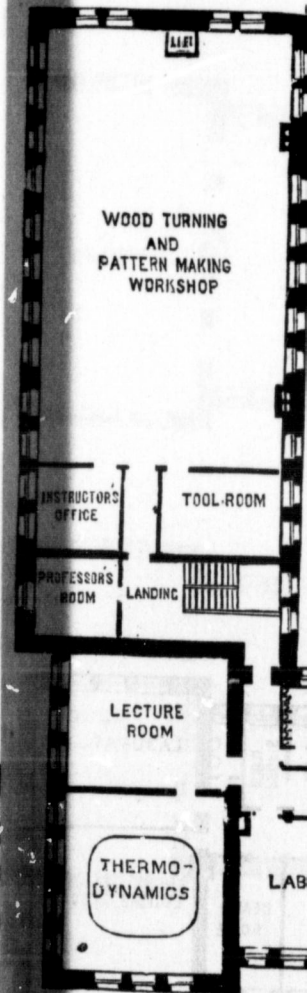


PLANS OF THE APPLIED SCIENCE BUILDINGS.

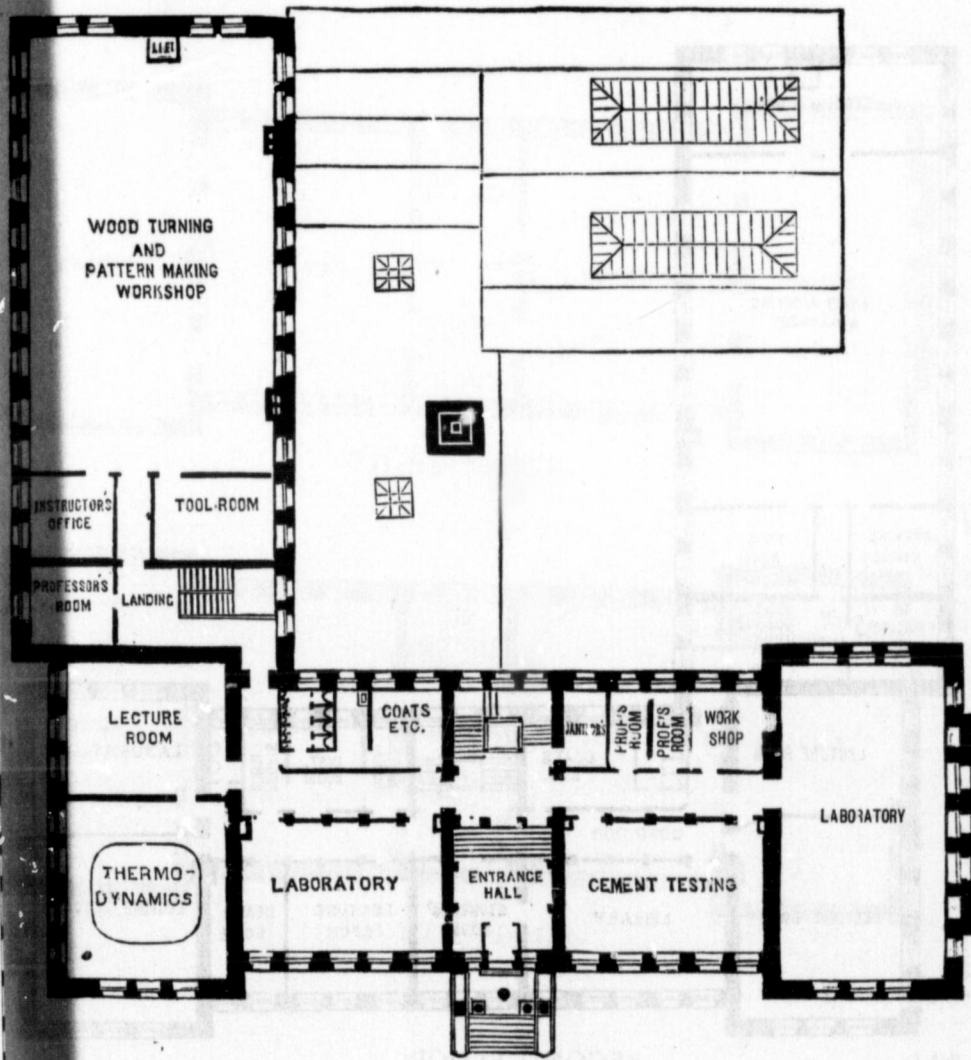
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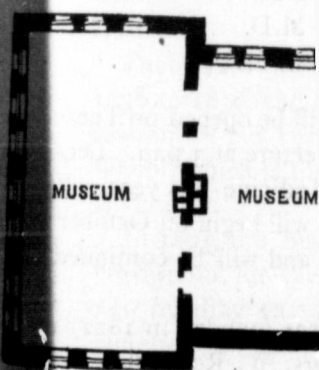
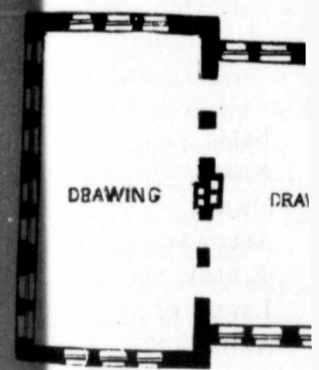
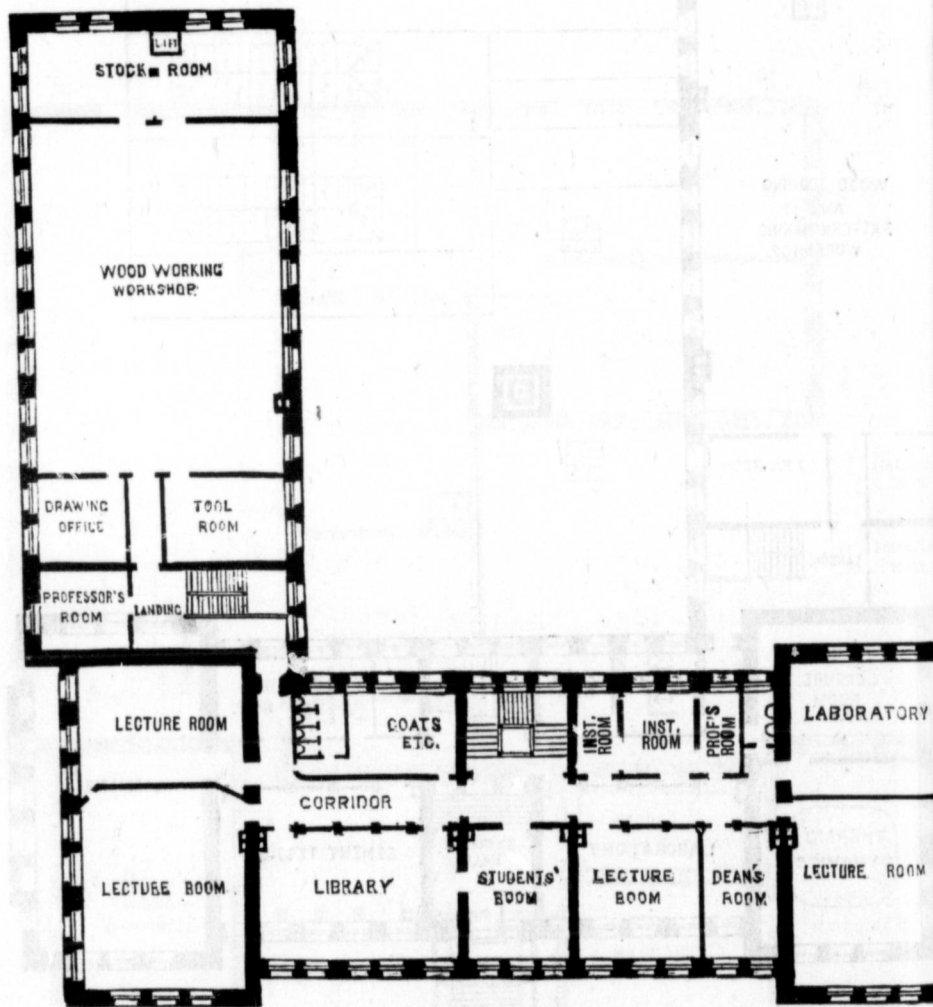


GROUND FLOOR.



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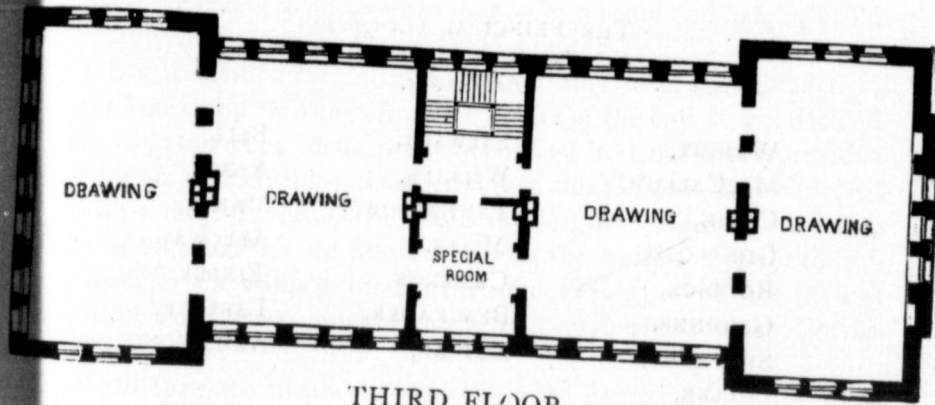




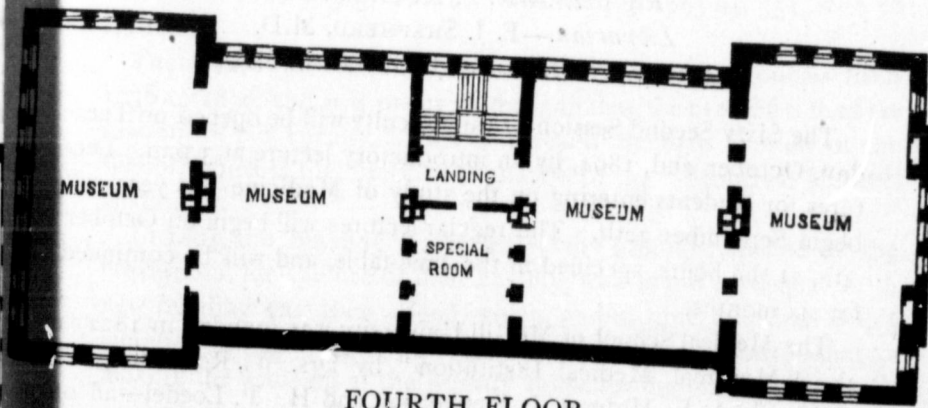
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SECOND FLOOR.

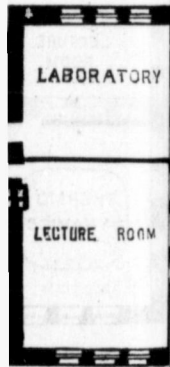




THIRD FLOOR.



FOURTH FLOOR.



## Faculty of Medicine.

THE PRINCIPAL (*ex-officio*).

*Professors.*

WRIGHT,	STEWART,	BELL,
MACCALLUM,	WILKINS,	ADAMI,
CRAIK,	PENHALLOW,	MAJOR,
GIRDWOOD,	MILLS,	ALLOWAY,
RODDICK,	CAMERON,	FINLEY,
GARDNER,	BLACKADER,	LAFLEUR,
SHEPHERD,	RUTTAN,	ARMSTRONG.
BULLER,		

*Dean.*—R. CRAIK, M.D.

*Registrar.*—R. F. RUTTAN, M.D.

*Librarian.*—G. J. SHEPHERD, M.D.

*Director of Museum.*—J. G. ADAMI, M.D.

The Sixty-Second Session of this Faculty will be opened on Tuesday, October 2nd, 1894, by an introductory lecture at 3 p.m. Lectures for students entering on the study of Medicine this year will begin September 20th. The regular lectures will begin on October 4th, at the hours specified in the time-table, and will be continued for six months.

The Medical School of McGill University was founded in 1822 as the "Montreal Medical Institution" by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at that time members of the staff of the Montreal General Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824, when it opened with 25 students.

In 1828, the "Medical Institution" was recognized by the Board of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the pre-

sent Bank of Montreal building still stands on the streets.

In 1846, the new central building of the Faculty of Arts. Students charged at the rate of \$100 per annum.

On account of the University Building in 1850 to erect a building with ample accommodation with a large dissection room was occupied for the winter of 1850-51. The main building was destroyed by fire in 1851.

In 1824, the number of students was 50; in 1851, 64. In 1892-3, 1,000 graduates.

There were no students in 1836 to 1839, and in 1840-41 a session of the Faculty of Medicine school, which is the "Montreal Medical Institution".

In 1885, the Board of Governors for the Faculty of Medicine new building was erected. The facilities for carrying out the teaching making the teaching more efficient.

The laboratories were filled, and so great an increase in the methods of laboratory work. The increase the number of students by the timely generosity of the donors, and so much for the improvement of their present facilities.

sent Bank of Montreal. Later, the school was removed to a brick building still standing near the corner of Craig and St. George streets.

In 1846, the lectures of the Faculty were given in the present central building of the University, now occupied by the Faculty of Arts. Students could reside in the College, board and lodging being charged at the rate of £3-5s. (\$13) a month.

On account of the inconvenience arising from the distance of the University Buildings from the centre of the city, it was decided in 1850 to erect a Medical school building in Côté street, provided with ample accommodation for Library and Museum, and furnished with a large dissecting-room and two lecture rooms; this building was occupied for the first time during the session 1851-2, and sufficed for the wants of the Faculty until 1872-73, when the present main building was provided for it by the Governors of the University.

In 1824, the number of students in the Faculty was 25; in 1844, 50; in 1851, 64, with 15 graduates; in 1872-3, 154, with 35 graduates; in 1892-3, 315, with 46 graduates; in 1893-94, 351, with 56 graduates.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 61st session of the Faculty. This is in reality the 65th session of the school, which is the direct continuation of the "Montreal Medical Institution".

In 1885, the Building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which, at the time, afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches thoroughly practical.

The laboratories and lecture rooms, then added, have now become filled, and so great have been the advances in medicine and in methods of laboratory teaching, that it has been necessary again to increase the number and size of the laboratories. Owing to the timely generosity of Mr. John H. R. Molson, who has already done so much for the University, the Faculty are able to announce that their present facilities for teaching will, this year, be almost doubled.

LL,  
DAMI,  
VJOR,  
LOWAY,  
NLEY,  
FLEUR,  
MSTRONG.

D.

opened on Tues-  
at 3 p.m. Lec-  
ne this year will  
egin on October  
will be continued

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. Robertson, W.  
P. Loedel—all of  
Montreal General

: "Medical Insti-  
25 students.  
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l University. A  
he site of the pre-



As will be seen on reference to the architects' plans on pages—, the new buildings have been erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connect the Pathological building acquired in 1893 with the older buildings, and comprise a large modern lecture room capable of accommodating 450 students, with adjoining preparation rooms and new suites of laboratories for Physiology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings have been enlarged and improved, the whole of the second floor has been devoted to the anatomical department, and will be divided into a dissecting-room, anatomical museum, bone-room, preparation rooms, Professors' and Demonstrators' rooms, etc.

On the ground floor the Library and Museum has been greatly enlarged; a room forming part of the Library has been set apart as a reading-room for the use of students, where the reference library of the Faculty may be consulted; and the old chemical laboratories have been increased by including the rooms formerly used by the department of Physiology.

The Faculty is glad to be able to announce that, by the liberality of the Honorable Sir Donald A. Smith in endowing the chairs of Pathology and Sanitary Science with one hundred thousand dollars, it is able to establish these departments on a footing fully commensurate with their importance and with the advances and requirements of modern medical science.

#### §. I. MATRICULATION.

Intending Students who purpose practising Medicine in Canada are requested to observe that by the Regulations in force in the various Provinces of the Dominion, they are required to pass the Matriculation examination accepted by the several Registering Boards of these provinces before beginning their course of study.

Students holding the degree of Bachelor of Arts are exempted from examination for matriculation, but must present their diplomas and be registered before beginning their studies.

The Preliminary  
Following Bodies is  
Matriculation Exam

1. The College of
  2. The College of
  3. The New Bru
  4. The Nova Sco
  5. The Manitoba
  6. Students who
- recognized Universi  
examination or equi

Students not havi  
are required to pass

1. The June Mat
- versity, commencing

Papers for the June Ex  
the Secretary of the Uni  
treat only.

The subjects for  
English, and one of

*Latin.*—Cæsar, Bell,  
Grammar (On and after

*Mathematics.*—Arithm  
ratic Equations inclusive;

*English.*—Writing from  
Analysis. A paper on the  
ject to be given at the tim

One or

- (1) *Greek.*—Xenophon
- (2) *French.*—One auth
- (3) *German.*—One aut
- (4) *Chemistry.*—As in  
and *Physics* (Gage and Fe

The Preliminary Examination in General Education of the following Bodies is accepted by this University in lieu of its own Matriculation Examination :—

1. The College of Physicians and Surgeons, Ontario.
2. The College of Physicians and Surgeons, Quebec.
3. The New Brunswick Medical Board.
4. The Nova Scotia Medical Board.
5. The Manitoba Medical College.
6. Students who have passed the matriculation examination of a recognized University or who have passed a State or Provincial examination or equivalent work.

Students not having any of the above qualifications for entrance are required to pass one or other of the following examinations :—

1. The June Matriculation in Arts and Medicine of this University, commencing June 1, 1894.

Papers for the June Examination can be sent to local centres on application to the Secretary of the University. The September examinations are held in Montreal only.

The subjects for examination are Classics, Mathematics and English, and one of the optional subjects as below.

#### COMPULSORY SUBJECTS.

*Latin.*—Cæsar, Bell, Gall, Book I., and Virgil, *Æneid*, Book I., Latin Grammar (On and after June, 1895, two books of Cæsar will be required.)

*Mathematics.*—Arithmetic (including the Metric System) ; Algebra, to Quadratic Equations inclusive ; Euclid's Elements, Books I., II., III.

*English.*—Writing from Dictation. A paper on English Grammar, including Analysis. A paper on the leading events of English History. Essay on a subject to be given at the time of the examination.

#### OPTIONAL SUBJECTS.

*One only of these subjects is required.*

- (1) *Greek.*—Xenophon Anabasis, Book I., Greek grammar.
- (2) *French.*—One author and French grammar.
- (3) *German.*—One author and German grammar.
- (4) *Chemistry.*—As in Remsen's Elements of Chemistry (pages 1-160), and *Physics* (Gage and Fessenden's High School Physics, parts I., II., III.

2. The September Examination in Arts and Medicine of the University, held in McGill Collège only, on Sept. 17th, 1894, and following days, and including the same subjects above stated, except that alternative books in the classical subjects will be accepted.

## § II. ENREGISTRATION.

*The following are the University Regulations:—*

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enroll their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the last day of October. Fees are payable to the Registrar, and must be paid in advance at the time of enregistration.

## § III. COURSES OF LECTURES.\*

### ANATOMY.

PROFESSOR, FRANCIS J. SHEPHERD.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

Special attention is devoted to Practical Anatomy, the teaching being similar to that of the best European schools. The Dissecting Room is open from 8 a.m. to 10 p.m., the work being conducted under the constant supervision of the Professor and his staff of Demonstrators. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined *at least* three times on each part dissected, and if the examinations are satisfactory, a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

\* For recent alterations in these courses see special Calendar for the Medical Faculty.

### CHEMISTRY.

PROFESSOR, GILBERT P. GIRDWOOD.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class.

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For experimental illustration, abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to the members of the class, to repeat experiments performed during the course, under the superintendence of the Professor or Lecturer.

#### PRACTICAL CHEMISTRY.

PROFESSOR, R. F. RUTTAN.

The course in Practical Chemistry includes two hours' laboratory work three times a week for three months, in both first and second years. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, etc., they will require to use in practice. They are required before finishing their course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student in making accurate notes of his experiments and his conclusions. These notes are examined daily, and criticized. A course of laboratory work in clinical chemistry is given during the spring term of the third year.

#### PHYSIOLOGY.

PROFESSOR, T. WESLEY MILLS.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the student.

##### *Laboratory work for Senior Students:—*

(1) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.

(2) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room and such as require the use of elaborate methods, apparatus, etc. There will be no extra fee for this part of the course.

#### HISTOLOGY.

PROFESSOR, GEO. WILKINS.

This will consist of a course of lectures and weekly demonstrations with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

## PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR, A. D. BLACKADER.

The course on this subject comprises:—

I. A description of the Pharmacology and Therapeutics of the more important medicinal agents.

II. The delivery of a weekly lecture ("Clinical Therapeutics") in the theatre of the General Hospital, on some case or groups of cases well adapted for illustrating important points in both general and special Therapeutics. The material for these lectures is abundant, being obtained from both the wards and the outdoor clinics.

III. The attendance during the summer session of a course on Practical Materia Medica.

## MEDICINE.

PROFESSOR, JAMES STEWART.

ASSISTANT PROFESSORS, { F. G. FINLEY,  
H. A. LAFLEUR.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general laws* of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and Children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates, illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

## CLINICAL MEDICINE.

PROFESSOR, JAMES STEWART.

ASSISTANT PROFESSOR, F. G. FINLEY.

LECTURER, H. A. LAFLEUR.

Beside instruction is given in the Medical wards of the Montreal General and Royal Victoria Hospitals on three days of every week with third year Students, and three days with those of the fourth year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and every pupil is required to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in medical diagnosis are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined

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thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR, THOMAS G. RODDICK.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

#### CLINICAL SURGERY.

PROFESSOR, JAMES BELL.

ASSISTANT PROFESSOR, GEO. ARMSTRONG.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions, which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the Senior Students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

#### MIDWIFERY.

PROFESSOR, J. C. CAMERON.

The course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models, illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, etc. 2. Bedside instruction in the Montreal



Maternity, including the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved foetuses. 4. The Diseases of Infancy. 5. A course of individual clinical instruction at the Montreal Maternity.

Particular attention is given to clinical instruction, and a clinical examination in Midwifery, similar to that held in Medicine and Surgery, now forms part of the final examination.

#### GYNÆCOLOGY.

PROFESSOR, WM. GARDNER.

ASSISTANT PROFESSOR, T. JOHNSTON ALLOWAY.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

Particular attention is given to clinical instruction, and a clinical examination in Gynæcology, similar to that held in Medicine and Surgery, now forms part of the final examination.

#### MEDICAL JURISPRUDENCE.

PROFESSOR, GEO. WILKINS.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning, and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post mortem appearances are illustrated by plates, and the tests are shown to the class.

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## OPHTHALMOLOGY AND OTOTOLOGY.

PROFESSOR, FRANK BULLER.

Will include a course of lectures on diseases of the Eye and the Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with, including three lectures on the errors of refraction and faults of accommodation; in the clinical lectures given in the hospital, cases illustrative of the typical form of ordinary diseases of the eye and ear will be exhibited and explained to the class. In the out-patient department of the hospital. Students have excellent opportunities of gaining clinical experience.

## HYGIENE.

PROFESSOR, ROBERT CRAIK.

Comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, etc.; Village Sanitary Associations; Mutual Protective Sanitary Association for cities.\*

## BOTANY.†

PROFESSOR, D. P. PENHALLOW.

The purpose of this course is to give Students a good grounding in the principles of General Morphology, and advance their knowledge of the comparative physiology of animals and plants, and enable them to determine readily such species of plants as may come under their observation.

It comprises:—

1. A course of lectures on general Morphology and Classification, Histology and Physiology. The lectures are illustrated by means of the microscope and by the models and large collections in the Peter Redpath Museum.
2. Practical work in the determination and classification of Species, for which the Botanic Gardens of the University offer special facilities.
3. Studies in Canadian Botany. This work is prosecuted by means of field excursions, which are held as often as opportunity is afforded during the autumn months.

\* Students may attend the Lectures on Sanitation in the Faculty of Applied Science, —Fee \$6.

† Exemptions from Botany in the Matriculation, for Arts Students, do not entitle Students to exemptions in the First Year. Students may take in their first year either Botany or Zoology, subject, however, to the provisions of the law in the Province in which they intend to practise medicine. Students desirous to take both subjects in one year may apply to the Faculty for permission.

4. A special collection of Medicinal plants, now being formed at the Botanic Gardens, offers a valuable preparation to the course in Pharmacology.

### PATHOLOGY.

PROFESSOR, J. G. ADAMI.

The following courses constitute the teaching in this subject :—

#### A. Obligatory.

1. A course of General Pathology for Students of the Third Year (optional for those of the Fourth). This course extends from October to March, lectures being delivered thrice weekly.

2. A course of Demonstrations upon the autopsies of the week, with instruction in the performance of autopsies. These demonstrations are held once a week, from October until July. For Students of the Third Year (optional for those of the Fourth).

3. The performance of autopsies. Each student is required to take an active part in at least six autopsies. The autopsies are conducted at the General and Royal Victoria Hospitals by the Pathologist\* to these Hospitals, and his assistants. In addition to the actual performance of the *sectio cadaveris*, Students are expected to attend the practical instruction given in connection with each autopsy, in the method of preparation and microscopic examination of the removed tissues, so as to become proficient in methods of preparation, staining and mounting.

#### B. Optional.

4. A practical course in Morbid Histology for Students of the Third Year. This class is held once a week during the winter months. Six sections are as a rule distributed at each meeting of the class, so that each Student obtains a large and representative series of morbid tissues, and upon an average twenty minutes are devoted to the description and examination of each specimen. Fee \$4.

5. A course of demonstrations upon Morbid Anatomy Museum specimens) once weekly during the winter months, for Students of the Fourth Year. Free.

6. A course of Bacteriology, with demonstrations, held thrice weekly during the Summer Term. For Students of the final year.

7. A practical course of clinical microscopy, held thrice weekly during the summer session. For Students of the final year.

This course, in addition to instruction in the microscopical study of the fluids of the body, excreta, etc., in diseased conditions, includes instruction in the stains and detection of the commoner pathogenic bacteria. Fee \$2.

\* The Professor of Pathology at the present time occupies this post at both Hospitals.

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8. A practical course of Bacteriology for advanced students. Fee \$10.

In addition to the above, lectures upon Special Pathology are given by the Professor of Pathology in connection with the courses in Medicine and Surgery.

### ZOOLOGY.\*

LECTURER, W. E. DEEKS, B.A., M.D.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee. Students in Botany or Zoology will receive tickets to the Peter Redpath Museum and to the Museum of the Natural History Society of Montreal.

### PRACTICAL MICROSCOPY.

This is an entirely *Optional* Course, and will be conducted by Prof. Wilkins. It is intended especially for teaching the *technique* of Microscopy. Students will be shown how to examine blood, etc., also to cut, stain and mount specimens. Everything except over-glasses and cabinet cases provided. Fee \$8.

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### § IV. QUALIFICATIONS FOR THE DEGREE.†

1st. No one entering after September, 1894, will be admitted to the Degrees of Doctor of Medicine and Master of Surgery who shall not have attended Lectures for a period of four nine months' sessions or its equivalent in the University, or some other University, College or School of Medicine approved of by this University.

2nd. Students of other Universities so approved and admitted, on production of certificates to a like standing in the University, shall be required to pass the primary and final examinations in the same manner as Students of the Faculty of Medicine of this University.

\* See under "Botany" supra.

† The changes in the requirements for the degree do not apply to students who are now enregistered in Medicine.]

3rd. Candidates for Final Examination shall furnish testimonials of attendance on the following branches of Medical Education, viz. :—

ANATOMY.	}	Of which two full courses will be required.
PRACTICAL ANATOMY.		
PHYSIOLOGY.		
CHEMISTRY.		
MATERIA MEDICA AND THERAPEUTICS.		
PRINCIPLES AND PRACTICE OF SURGERY.		
OBSTETRICS AND DISEASES OF INFANTS.		
GYNÆCOLOGY.		
THEORY AND PRACTICE OF MEDICINE.		
CLINICAL MEDICINE.		
CLINICAL SURGERY.	}	Of which one full Course will be required.
MEDICAL JURISPRUDENCE.		
GENERAL PATHOLOGY.		
HYGIENE AND PUBLIC HEALTH.		
PRACTICAL CHEMISTRY.	}	Of which one Course will be required.*
BOTANY OR ZOOLOGY.		
HISTOLOGY.		
PATHOLOGICAL ANATOMY.		
BACTERIOLOGY.		
MENTAL DISEASES.		

*Provided, however, that testimonials equivalent to though not precisely the same as those above stated may be presented and accepted.*

4th. Courses of less length than the above will only be received for the time over which they have extended.

5th. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital or of the Royal Victoria Hospital, or that of some other Hospital approved of by this University

6th. He must also give proof of having acted as clinical clerk for six months in medicine six months in surgery in the wards of a general Hospital recognized by the Faculty.

7th. He must also give proof of having assisted at six autopsies.

8th. He will be required to show by certificate that he has dispensed and compounded medicines for six months or has taken a full course in Practical Pharmacy.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other Lying-in-Hospital approved of by this University, and of having attended at least ten cases of labor.

10th. No one will be permitted to become a candidate for the final or degree examination who shall not have attended at least one Session of this University.

11th. Candidates who fail to pass in any two subjects of either the first or second years may be granted a supplemental examination at the beginning of the following session.

\* A course in Medical Surgery and topographical anatomy will be given for students qualifying for the Ontario Medical Council.

12th. Supplemental examination of the Faculty accompanied by a fee of \$5.

13th. No Candidate to proceed with the Primary Examination in the Primary Examination.

14th. No student who has not certified by the Faculty of the University.

15th. Candidates may, at the discretion of the Faculty, furnish a certificate of having passed in Anatomy to be accepted as equivalent to the Primary Examination in Anatomy.

16th. Every Candidate presenting to the Registrar of the Faculty entitling him to an examination must be not less than twenty-one years of age.

17th. The trials to be held under Section V.

18th. The following regulations must be observed before receiving his diploma.

In Facultate Medicæ

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19th. The fee for the final examination shall be thirty dollars.

Frequent oral examination and occasional written examination. The pass examination

12th. Supplemental examinations will not be granted except by special permission of the Faculty, and on written application stating reasons, and accompanied by a fee of \$5 for each examination.

13th. No Candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed the subjects comprised in the Primary Examination.

14th. No student will be allowed to present himself for his final examinations who has not certificates of having passed all his Primary examinations in this University.

15th. Candidates who fail to pass in a subject of which two courses are required may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

16th. Every Candidate for the Degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty, testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

17th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

18th. The following Oath or Affirmation will be exacted from the Candidate before receiving his degree:—

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A—B—, Doctoratus in Arte Medica, titulo jam donandus, sacro coram Deo cordium ser utatore, spondeo: me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum perseveraturum: tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; que denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

19th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful Candidate immediately after examination.

§ V. EXAMINATIONS.

Frequent oral examinations are held, to test the progress of the Student; and occasional written examinations are given throughout the Session.

The pass examinations at the close of each Session are arranged as follows:—

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## FIRST YEAR

*Examinations in BOTANY\* OR ZOOLOGY, HISTOLOGY, PHYSIOLOGY, ANATOMY and CHEMISTRY.\**

Marks obtained in those subjects not completed in the first year will count for both Pass and Honours in the Primary Examinations.

## SECOND YEAR.

*Examinations in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY, PHYSIOLOGY, HISTOLOGY, PHARMACOLOGY and THERAPEUTICS.*

## THIRD YEAR.

*Examinations in PHARMACOLOGY and THERAPEUTICS, MEDICAL JURISPRUDENCE, HYGIENE, GENERAL PATHOLOGY, MENTAL DISEASES, MEDICINE and SURGERY.*

## FOURTH YEAR.

*Examinations in MEDICINE, SURGERY, OBSTETRICS, GYNÆCOLOGY, CLINICAL MEDICINE, CLINICAL SURGERY, CLINICAL OBSTETRICS, CLINICAL GYNÆCOLOGY, PRACTICAL PATHOLOGY, CLINICAL OPHTHALMOLOGY and BACTERIOLOGY.*

By means of the above arrangement a certain definite amount of work must be accomplished by the student, in each year, and an equitable division is made between the Primary and Final branches.

*In order to pass in any subject it is necessary to make 50 per cent.; and to obtain Honours it is necessary to make 75 per cent.*

## § VI. MEDAL AND PRIZES.

1. The "Holmes Gold Medal," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine; it is awarded to the Student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

\*Students who have taken one or more courses in Botany or Chemistry before entering may be exempted from attendance and examination. Students exempted in their first year subjects are allowed only a pass standing, but may present themselves for examination.

2nd. The "Final" examination, of equivalent value, awarded to the student who has passed the Primary examination, in the Final branches of the course, and is entitled to compete for the 1st Prize in the Final examination.

3rd. The "Primary" examination, awarded to the student who has passed the best examination, in the Primary branches of the course, and is entitled to compete for the 2nd Prize in the Primary examination.

4th. The "Sutherland" examination, awarded to the student who has passed the best examination, in the Sutherland, M.D.; in the Final branches of the course, and is entitled to compete for the 3rd Prize in the Final examination.

5th. A Prize in Anatomy.

6th. A Prize in Botany.

7th. The "Clemens" examination, awarded to the student who has passed the best examination, in the Clemens, M.D.; in the Final branches of the course, and is entitled to compete for the 4th Prize in the Final examination.

The total Faculty fees, including the fees for the sessions, including the fees for the reagents, will be four pounds per annum for students of one hundred marks. Partial Students will be exempted from the payment of special fees. An annual University examination is held in all the Faculties for the purpose of awarding prizes. (For graduation fees see page 115.)

*All fees are payable in advance, and on the permission of the Faculty.*

*It is suggested to pay the fees by cheque, transmitted direct by the student, who will furnish official receipts.*

2nd. The "Final Prize," a prize in Books, or a microscope of equivalent value, awarded for the best examination, written and oral, in the Final branches. The Holmes medalist is not permitted to compete for this prize.

3rd. The "Primary Prize," a prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The "Sutherland Gold Medal," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, Professor William Sutherland, M.D.; it is awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. A Prize in Books for the best examination in Botany.

7th. The "Clemesha Prize in Clinical Therapeutics," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the Student making the highest marks in a special clinical examination.

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#### § VII. FEES.

The total Faculty fees for the whole Medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be four hundred dollars payable in four annual instalments of one hundred dollars each.

Partial Students will be admitted to one or more courses on payment of special fees.

An annual University fee of two dollars is charged students of all the Faculties for the maintenance of the College athletics.

(For graduation fee, see—supra.)

*All fees are payable in advance to the Registrar, and, except by permission of the Faculty, will not be received later than 1st November.*

*It is suggested to parents or guardians of Students, that the fees be transmitted direct by cheque or P.O. Order to the Registrar, who will furnish official receipts.*

## § VIII. TEXT-BOOKS.

*(Prices current in Montreal.)*

- ANATOMY.—Mörris, Gray, Quain (Eng. ed.).
- PRACTICAL ANATOMY.—Cunningham's Practical Anatomy, Holden's Dissector and Landmark's Ellis' Demonstrations.
- PHYSICS.—Lalfour Stewart.
- INORGANIC CHEMISTRY.—Wurtz's Elementary Chemistry, Remsen's Text-Book.
- ORGANIC CHEMISTRY.—Remsen.
- PRACTICAL CHEMISTRY.—Odling.
- PHARMACOLOGY and THERAPEUTICS.—Wood, Hare, Edes and Bruce.
- PHYSIOLOGY.—Huxley's *Elementary Lessons*, Foster, Mills' Text-Book of Animal Physiology and Class Laboratory Exercises.
- PATHOLOGY.—Delafield and Prudden, Payne, Boyce, Fränkel's, Bacteriology or Woodhead.
- HISTOLOGY.—Klein's Elements, Schafer's Essentials of Histology.
- SURGERY.—Holmes' Surgery (Eng. ed.), Erichsen, Druitt, Bryant, Treves and the American Text Book of Surgery.
- PRACTICE OF MEDICINE.—Osler, Strümpell, Fagge and Flint.
- CLINICAL MEDICINE.—Musser's Medical Diagnosis, Fenwick on Medical Diagnosis, Jaksch on Clinical Diagnosis.
- MEDICAL JURISPRUDENCE.—Husband, Guy and Ferrier, Reese.
- MIDWIFERY.—Lusk, Parvin, Playfair and Barnes.
- DISEASES OF CHILDREN.—Smith, Goodhart and Starr.
- GYNÆCOLOGY.—Thomas and Mundé, Skene, Garriques.
- HYGIENE.—Parks, Wilson (Eng. ed.).
- BOTANY.—Gray's Text-Book of Histology and Physiology.
- ZOOLOGY.—Dawson's Handbook of Canadian Zoology.
- OPHTHALMOLOGY.—Nettleship, Higgins, De Schwinitz.
- OTOLOGY.—Pritchard, Dulby.
- LARYNGOLOGY.—Haveland Hall.
- MEDICAL DICTIONARY.—Gould, Dunglison.

For the past five years the Faculty of the Montreal University is also growing in Canada and differs from the Museum.

During the past few years additions have been made to the Museum.

Announcement of the Faculty is also given in the Canadian Medical Journal.

It is particularly interesting to find that the Faculty of the Montreal University is also growing in Canada and differs from the Museum.

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## § IX. MUSEUM.

Prof. J. G. ADAMI, Director.

E. P. WILLIAMS, M.D., Assistant Curator.

M. BAILLY, Osteologist and Articulator.

For the past fifty years, the rich Pathological material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum. (See special Announcement of the Faculty of Medicine.)

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the Cerebral and Pulmonary Arteries. The most important collection probably in existence, of hearts affected with "Malignant Endocarditis," is also found. The Faculty is indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty is mainly indebted to the late Prof. Fenwick for this collection.

During recent years, Mr. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostosis, etc., etc.

#### Obstetrical Department of the Museum.

Besides the ordinary pathological preparations, dry and moist, usually found in Museums, this department contains a complete set of models of deformed pelves, a series of preparations in wax illustrating the normal relations of the pelvic organs, the development

of the uterus and its contents during pregnancy, various abnormalities, twin pregnancy, foetal circulation, etc., a series of colored casts of frozen sections, Tarnier's artificial pelvis, Budin's bronze mechanical pelvis, models of obstetrical instruments, etc.

Additions are being constantly made, and ere long the department will possess a complete collection of models, casts, preparations and apparatus for the practical teaching and illustration of Obstetrics.

#### Anatomical Museum.

In addition to the already large collection of normal and abnormal osteology, comparative and human skeletons of various classes of animals, moist preparations and frozen sections, the following preparations have been recently obtained :

(1) A series of articulated skeletons of fore and hind limbs of the various domestic animals prepared by the articulator, Mr. Bailly.

(2) Numerous moist preparations presented by the Professor and Demonstrator of Anatomy.

(3) A complete set of Steger's beautiful colored casts, taken from the celebrated frozen sections of Professors His and Braune of Leipzig. These preparations have been placed in the Museum so that they can be constantly consulted by the Students.

(4) (a) A complete set of Steger's brain sections ;

(b) Set of hardened brains with the various lobes, convolutions, ganglia, etc., in different colors ;

(c) Models of the cerebro-spinal and sympathetic nervous systems ;

(d) A set of Prof. D. J. Cunningham's beautiful casts of the brain in situ, showing the relations of convolutions to the skull.

(5) (a) A set of preparations showing the anomaly of vessels entering the kidneys ;

(b) A number of rare anomalies of the aorta and its branches ;

(c) A series of preparations showing the shoulder girdle in various animals.

*For additions to the Museum during the past year, see special announcement of the Faculty of Medicine.*

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Miss C. G. For

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### § X. LIBRARY.

Prof. F. J. Shepherd.....Librarian.

Miss C. G. Forester.....Assist. Librarian.

The Library of the Medical Faculty now comprises upwards of over fourteen thousand volumes, the largest special library connected with any medical school on this continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 10 a.m. and 5 p.m. A library reading room is provided.

### § XI. MCGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets once a week during the spring term and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

The Students, reading room has been placed under the control of this Society, in which the leading English and American Medical journals are on file, as well as the leading daily and weekly newspapers of the Dominion.

An extensive library of books of reference has also been established in connection with this Society.

### § XII. COST OF LIVING, ETC.

This will, of course, vary with the taste and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding houses which are inspected annually by a sanitary committee is prepared by the Secretary of the University, and may be procured from the Janitor at the Medical College.

### § XIII. HOSPITALS.

The city of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which Medical students of McGill University will receive clinical instruction are :—1.



The Montreal General Hospital; 2. The Royal Victoria Hospital; 3. The Montreal Maternity Hospital. The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of the Campbell Memorial and Greenshields surgical pavilions and the new surgical theatre. The interior of the older buildings is now being entirely reconstructed on the most approved modern plans.

The Royal Victoria Hospital, at the head of University street, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

#### *Montreal General Hospital.*

The main building contains an administration of block and wards for general medicine for Gynaecology and Ophthalmology and in addition are two Surgical Pavilions.

Attached to the two new surgical pavilions which contain over 100 beds is a large building containing a surgical amphitheatre furnished with all the modern appliances for the carrying out of aseptic methods.

Besides the theatre, which has a seating capacity of 300, and its adjoining rooms for etherizing, for instruments and for the preparation of surgical dressings, there are on the same flat smaller operating rooms and isolation wards; commodious laboratories for clinical chemistry, bacteriology and general pathological work are provided in the basement of the Campbell Memorial wing.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian hospital. Last year's report shows that between two and three thousand medical and surgical cases were treated in the wards, and the greater part of these were acute cases, as may be gathered from the fact that the average duration of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

Annual tickets must be taken out. These are obtained on payment of the

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Annual tickets entitling students to admission to the Hospital must be taken out at the commencement of the Session, price \$5.00. These are obtained at the Hospital. Perpetual tickets will be given on payment of the third annual fee.

*The Royal Victoria Hospital.*

This Hospital is situated a short distance above the University grounds, on the side of the mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount-Stephen and Sir Donald Smith, who gave half a million dollars each for this purpose, and have since endowed it with one million dollars in addition.

The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr. Saxon Snell of London, England, to accommodate between 250 and 300 patients.

The Hospital is composed of three massive buildings connected together by stone bridges, and administration block in the centre, and a wing on the east side for medical patients, in immediate connection with which is the new Pathological wing and mortuary, and a wing on the west side for surgical patients.

The administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms also are situated in this building.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and twenty-one private and isolation wards averaging 16 feet by 12 feet, also a Medical Theatre with a seating capacity for 250, and rooms adjacent to it for Clinical Chemistry and other purposes.

North of this wing and in direct connection with it are the Pathological laboratories and mortuary. In this wing are situated the mortuary proper with the most modern arrangements for the preservation of cadavers, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Laboratories for Pathological Chemistry and Photography are also provided.

The surgical wing contains three large wards each 122 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and sixteen private and isolation wards averaging 16 feet by 12 feet; also a Surgical Theatre with a seating capacity for 250, with six accessory rooms adjacent for preparation and after-recovery purposes. In this wing are the wards for Gynæcology and Ophthalmology.

#### CLINICAL INSTRUCTION.

During the session of 1894-95, two medical, two surgical, two gynæcological and two ophthalmological clinics will be held weekly in both the Montreal General and Royal Victoria Hospitals.

Tutorial instruction will also be given in these different departments, in the wards, out-patients' rooms and laboratories.

Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology, and in the Royal Victoria Hospital on diseases of the Genito-Urinary system.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his terms of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. Students entering on and after October next will be required to show a certificate of having acted for six months as clinical clerk in medicine and six months in surgery. The experience so gained is found to be of the greatest possible advantage to the Student, as affording a true *practical* training for his future professional life.

DRESSERS are also appointed to the Out-door Departments. For these appointments, application is to be made to the assistant surgeons, or to the resident surgeon in charge of the out-patients' department.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student

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will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the out-door patients have been seen, and Students are invited to attend the same, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in both Hospitals for Gynaecology as well as for Ophthalmology.

*The Montreal Maternity.*

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have recently made very important additions to their building, and have still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics. An improved Tarnier-Budin phantom is provided for the use of the Students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics during the Autumn and Winter terms of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final clinical examination instituted. Regular courses of clinical lectures are given throughout the session. During the Autumn and Winter terms the demonstrator of Obstetrics gives clinical demonstrations in the wards and instruction in operation work on the phantom. Students will find it very much to their advantage to pay special attention to their clinical work during the spring term of the third year and the following summer. Two resident accoucheurs are appointed yearly from the graduating class, to hold office for a period of six months each.

Fee for twelve months, \$ 12, payable at the Maternity Hospital.



TIME TABLE—FIRST AND SECOND YEARS, FOR PAST SESSION (1892-93).†

A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY
9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Chemistry,
10	* Practical Chemistry, 2nd Year, till 12 o'clock.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Histology Demonstration.
11	Out-Patients, Montreal Gen'l. Hospital.	Out-Patients, Montreal Gen'l. Hospital.	Out-Patients, Montreal Gen'l. Hospital.	Out-Patients, Montreal Gen'l. Hospital.	Out-Patients, Montreal Gen'l. Hospital.	Practical Physiology, Out-Patients, Montreal Gen'l. Hospital.
P.M. 2	Physiology Examination, 2nd Year.	Physiology, 2nd Year.	Physiology, 2nd Year.	Physiology, 2nd Year.	Prac. Physiology.	
3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
4	Materia Medica Examination. Physiology, 1st Year.	Materia Medica, Physiology, 1st Year.	Therapeutics, Physiology, 1st Year.	Materia Medica, Physiology, 1st Year.	Materia Medica, Histology Lectures, 1st Year.	
4 to 6		Practical Histology.		Practical Histology.		
A.M. 10 to 12	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

N.B.—The Demonstrator's Hours in the Dissecting Room from 10-12 a.m., and from 8-10 p.m. \* Until Christmas only.  
 † Corrections for 1894-95 will be announced at the opening of the session.



TIME TABLE—THIRD AND FOURTH YEARS, FOR THE PAST SESSION (1892-93).\*

A. M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Midwifery.	Gynaecology.	Midwifery.	Gynaecology.	
10	Jurisprudence.	Pathology.	Jurisprudence.		Jurisprudence.	
A.M. 11.15	Medical Clinic, 4th Year.	Medical Clinic, 3rd Year.	Medical Clinic, 3rd and 4th Years.	Clinical Therapeutics.	Medical Clinic, 4th Year.	Medical Clinic, 3rd Year.
1	Surgical Clinic, (3)	Surgical Clinic, (4)		Surgical Clinic, (4)	Surgical Clinic, (3)	Surgical Clinic, (4)
2						
3	Materia Medica.	Materia Medica.	Therapeutics.	Ophthalmic Clinic. †	Materia Medica.	
4	Medicine.	Medicine.	Medicine.	Medicine.	Medicine.	
5	Surgery.	Midwifery, 3rd year.	Surgery.	Surgery.	Surgery.	

Autopsies are performed at the General Hospital between 12 a. m. and 2 p.m.  
 \* Corrections for 1894-95 will be announced at the opening of the session.

† 4th year.

THE PRINCIPAL (E)  
 N. W. TRENHOLME,  
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 Hon. Mr. JUSTICE V  
 J. S. ARCHIBALD, Q  
 L. H. DAVIDSON, Q  
 CHRISTOPHE A. GE  
 ARCHIBALD MCGOU  
 THOMAS FORTIN, L  
 Law.

W. DEM. MARLER,  
 Hon. C. J. DOHERTY  
 HARRY ABBOTT, Q  
 EUGENE LAFLEUR, I  
 Dean of Faculty.—  
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## Faculty of Law.

THE PRINCIPAL (Ex-Officio).

N. W. TRENHOLME, Q.C., M.A., D.C.L., Dean, and GALE Professor of Roman and International Law.

Hon. Mr. JUSTICE WURTELE, D.C.L., Professor of the Law of Real Estate.

J. S. ARCHIBALD, Q.C., D.C.L., Professor of Commercial Law.

L. H. DAVIDSON, Q.C., M.A., D.C.L., Professor of Commercial Law.

CHRISTOPHE A. GEOFFRION, Q.C., D.C.L., Professor of the Law of Contracts.

ARCHIBALD MCGOUN, M.A., B.C.L., Professor of Legal Bibliography.

THOMAS FORTIN, LL.L., B.C.L., Professor of Civil Procedure and Municipal Law.

W. DEM. MARLER, B.A., B.C.L., Professor of Notarial Law.

Hon. C. J. DOHERTY, D.C.L., Professor of Civil Law.

HARRY ABBOTT, Q.C., B.C.L., Professor of Commercial Law.

EUGENE LAFLEUR, B.A., B.C.L., Professor of Civil Law.

Dean of Faculty.—Professor TRENHOLME.

Secretary and Librarian of the Faculty.—Professor MCGOUN.

Corporation Examiners for Degrees.—Professors TRENHOLME and FORTIN.

Matriculation Examiners of the Faculty.—Professors ARCHIBALD and LAFLEUR.

The Faculty of Law feels much satisfaction in being able to announce that the important step, so long and earnestly desired by all friends of the University, of placing the McGill School of Law on such a substantial and permanent basis as to enable it efficiently to perform its part in the great work of legal education in Canada, has been accomplished by the munificent endowment presented to the University by Mr. William C. McDonald. This endowment places the Faculty in a position to offer to those who desire to study the Law, either with a view to its practice as a profession or as a means of culture, or as a qualification for the discharge of the higher duties of citizenship, a comprehensive and complete course of legal study, with the use of library, reading room and other aids which have not heretofore been at the command of the Faculty. The course of study to be pursued, extending over a period of three years, and the instruction to be imparted, while designed so far as possible to qualify professional Students for the practice of their

profession, will also fully recognize the important fact, which, no doubt, was a main inducement for the action of the Faculty's generous benefactor, that upon the character of the Bar depends that of the Bench and of the administration of justice, and to a great extent also the character of the public men and public life of the country; that, in fact, from the ranks of no other profession are so many called to fill high positions of trust and to perform duties, the efficient and upright discharge of which is of vital importance to the community.

In re-organizing the Faculty, under the W. C. McDonald endowment, a number of well-known names have been added to the staff, as shown above, and the courses largely specialized. It was felt, that while professional men, engaged in the active practice of their profession, might be relied upon to deliver regularly a limited number of lectures, on spiritual subjects, they could not be expected to undertake to submit to the serious interference with their business and inevitable interruptions involved in very lengthy courses. And to obviate the difficulties and drawbacks necessarily arising from sole dependence, as heretofore, on professional men in active practice, for attending to the interests and maintaining the efficiency of the Faculty, and to meet a deeply-felt want in this respect, the Dean has been appointed as a salaried officer, whose duty it will be primarily to devote his whole time to the work.

Further, the Professor of Legal Bibliography has been appointed secretary and librarian, and will have supervision of the Library,—comprising at present the law libraries of the late Mr. Griffin, Q.C., of the late Chancellor Day, and of part of the library of the late Mr. Justice McKay, all of which were bequeathed to the University; and also of the law library of the late Mr. Justice Torrance, now the property of the Fraser Institute, of which he was a trustee—the use of which has been generously granted to the Faculty by the present trustees. The above law books will of themselves afford to the law student a library which will generally prove sufficient for his wants, and which will be kept up and added to by the expenditure of a sum annually in the purchase of books. There will also be provided in connection therewith a reading room, in which the leading law magazines and literature of the day will be found.

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As a place for the study of Law by professional Students, Montreal affords undoubted advantages, among other reasons, on account of the great variety and extent of the legal business done there, the constant sitting of all the principal courts of the Province, and the large number of first-class law offices open to Students; while for all students, and especially for students of historic and philosophic jurisprudence, no more interesting or attractive legal system exists than that prevailing in this Province, where may be daily seen and studied, not simply theoretically, but in active operation as parts of our law, the three famous systems of jurisprudence,—Roman, French and English,—with additions and modifications introduced by our own legislatures and courts. The imposing features of the Roman Law may be recognized throughout the greater portion of our Civil Code, often combined with or incorporated into that noble system elaborated and perfected by Pothier and other great French jurists, both of the ancient and modern epochs, which is the direct source of most of our Civil Law; while nearly the whole body of English Criminal and Constitutional Law and large portions of English Commercial Law are equally parts of the law of this Province.

The importance of the Notarial profession, and of a knowledge of notarial practice and conveyancing, has led to the appointment as a full member of the Faculty of a Professor of Notarial Law, whose course of lectures will be attended by all professional Students.

With a view to extending as far possible the usefulness of the Faculty, the courses of lectures on commercial subjects have been so arranged, that young men engaged in banks or other business houses can attend them without interference with their regular duties. Students of other departments of the University, and, in fact, all who may desire to do so, may attend such particular courses as they may see fit to select. It is hoped that the course delivered will be found beneficial to all students, indeed to all who may desire to know something of the constitution and laws by which they are governed, and of a science which had been characterized by Burke as "the collected reason of ages, combining the principles of original justice with the infinite variety of human concerns."

While the Faculty accepts for matriculation the requirements stated in the Regulations below, it nevertheless strongly recommends

Students intending to study law to take the B.A. course in the Faculty of Arts as a preliminary qualification; and if that be not attainable, as much as possible of the Arts course.

#### LECTURES AND EXAMINATIONS.

The classes in Law will begin in the Faculty Rooms, Fraser Institute, on MONDAY, THE 3RD SEPTEMBER, 1894, at 4 p.m.

The Supplemental and Matriculation Examinations will be held in the Faculty Rooms, Fraser Institute, on the same day at 10 a.m.

The lectures will be delivered in the Faculty Rooms in two terms: the first beginning on Monday, 3rd September, 1894, and the second beginning on Monday, 7th January, 1895.

The Examinations will be held in the William Molson Hall, McGill College building, at Christmas, and at the close of the session, and as announced below, unless otherwise determined by the Faculty.

The complete course of study in this Faculty extends over three years. Attendance at lectures is required of all students proceeding to the degree of B.C.L.

Professors Fortin and Lafleur will deliver their lectures in French.

#### SCHOLARSHIPS AND PRIZES.

Two scholarships, each of one hundred dollars, are offered for competition, the preference being given to Students whose domicile is not in Montreal or vicinity. They will be awarded, after the Sessional Examinations in April, 1895, upon the results of the Examinations of the first year, and will be payable during the second year.

Prizes open to competition by all the Students except the medalist and holders of scholarships will also be given to the Students taking the best standing in each year.

No scholarship or prize shall, however, be awarded to any Student unless a sufficiently high standing, in the estimation of the Faculty, be attained, to merit it.

Matriculated Students  
classified as Partial  
Degree of B.C.L.

Occasional Student  
attendance on any

Students who have  
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*Roman Law:*

1st Year.  
History of Roman Law  
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Gaius, Commentaries  
2nd and 3rd Years  
Institutes of Justinian  
Gaius, Commentaries  
Maine, Ancient Law

*Criminal Law* .....  
*Constitutional Law* ...

*Law of Real Estate:*  
History and nature of  
property in the

*Commercial Law:*  
Insurance, Fire, Life

*Commercial Law:*  
Agency and Partnerships

*Law of Contracts* .....

*Legal Bibliography and*  
Sources of our Law:  
laws in force here  
vintage, classification  
English .....

CLASSIFICATION OF STUDENTS.

Matriculated Students who do not take the whole course are classed as Partial Students, and are not entitled to proceed to the Degree of B.C.L.

Occasional Students will be received without matriculation for attendance on any particular series of Lectures.

Students who have completed their course of three years, and have passed a satisfactory examination, will be entitled, upon the certificate and recommendation of the Faculty, to the Degree of Bachelor of Civil Law.

COURSE OF STUDY FOR 1894-95.

*Roman Law :*

1st Year.		
History of Roman Law .....		} THE DEAN.
Maine, Ancient Law .....		
Institutes of Justinian .....		
Gaius, Commentaries .....		
2nd and 3rd Years.		
Institutes of Justinian .....		} THE DEAN.
Gaius, Commentaries .....		
Maine, Ancient Law .....		

<i>Criminal Law</i> .....		} THE DEAN.
<i>Constitutional Law</i> .....		

*Law of Real Estate :*

History and nature of various kinds of tenure of real property in the Province and their incidents .....		} Professor WURTELE.
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*Commercial Law :*

Insurance, Fire, Life and Marine .....		} Professor ARCHIBALD.
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*Commercial Law :*

Agency and Partnership .....		} Professor DAVIDSON.
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<i>Law of Contracts</i> .....		} Professor GEOFFRION.
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*Legal Bibliography and History :*

Sources of our Law: Imperial Statutes and English laws in force here; Legislation within the province, classification of authorities French and English .....		} Professor MCGOUN.
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*Civil Procedure :*

Jurisdiction of the civil courts..... }  
 General Rules of Pleading..... } Professor FORTIN.  
 Code of Procedure..... }

*Notarial Law :*

Notarial Practice and Conveyancing..... Professor MARLER.

*Civil Law :*

Law of Successions ..... }  
 Forced Licitations..... } Professor DOHERTY.

*Commercial Law :*

Law of Banking ..... }  
 Documents of Title..... } Professor ABBOTT.

*Civil Law :*

Marriage Covenants..... Professor LAFLEUR.

FACULTY REGULATIONS.

1. Any person desirous of becoming a Matriculated Student may apply to the Secretary, Prof. McGoun, 181 St. James St., for examination and entry in the Register of Matriculation, and shall procure a ticket of Matriculation and tickets of admission to the Lectures for each Session of the Course.

2. The degree of B.A. obtained from any Canadian or other British University ; or a certificate of having passed the examination before the Bar for admission to study Law in the Province of Quebec ; or the intermediate Examination in the Faculty of Arts in McGill University, shall be accepted in lieu of Examination for Matriculation in this Faculty. For other candidates the Matriculation Examination this year will be in the following subjects :—

*Latin.*—Virgil, *Æneid*, Book I. ; Cicero, Orations I. and II. against Catiline.  
 Latin Grammar.

*French.*—De Fivas' "Grammaire des Grammaires ;" \*Molière, "Le Bourgeois Gentilhomme ;" †Translation into French of Macaulay's Essay on Frederick the Great.

*Exercises in Composition* and Grammatical Analysis, in English and French.

*Mathematics.*—Arithmetic ; Algebra to the end of Simple Equations ; Euclid, Books I., II., III.

*History.*—White's Outline of Universal History (or any equivalent manual) ; \*Green's Short History of the English People ; Miles' School History of Canada ; † Duruy, *Histoire de France*.

*Literature.*—\*Collier's Biographical History of English Literature ; † Laharpe *Cours de Littérature* ; † Lefranc, *Cours de Littérature*.

*Rhetoric.*—Whately's *Rhetoric*.

*Philosophy.*—\*Whately's *Logic* ; de la Philosophie.

N.B.—The works of the Faculty are for the use of the Students only. Those of the remainder are for both.

3. Students in Law and shall be so graded and studies fixed for that year by the Faculty.

4. The register of the Faculty shall be returned to the Secretary of the University. Candidates for examination to be determined by the Faculty shall be returned in a supplement.

5. Persons desirous of becoming Students of the Faculty for the purpose of procuring tickets for the class or course shall apply to the Dean of the Faculty for tickets.

6. Students who have obtained degrees in the Universities, for a number of years, shall be exempt from the production of certificates, to the Faculty.

7. All Students shall be bound to observe the following rules of conduct :—

(1) A class-book shall be procured by each Student. The presence or absence of Students shall be submitted to the Faculty after examination of such books. Students who have been sufficiently reprimanded after examination in the respective classes shall be allowed to attend the next examination.

(2) Punctual attendance at each Student. Professors shall be present at the commencement of their lectures, and shall not leave the room unless satisfactory reasons are given, or unless excused, or inattention on the part of the Student, or by the Professor, or unless reprimanded by the Professor, or unless the Student is absent from the building, or going to another building.

*Rhetoric*.—Whately's *Rhetoric*; Blair's *Lectures* (small edition).

*Philosophy*.—\*Whately's *Logic*; † *Logique de Port Royal*; † Cousin, *Histoire de la Philosophie*; \*Stewart's *Outline of Moral Philosophy*.

N.B.—The works mentioned above preceded by an asterisk are for English Students only. Those preceded by a cross are for French Students only. The remainder are for both English and French.

3. Students in Law shall be known as of the First, Second and Third Years, and shall be so graded by the Faculty. In each year, Students shall take the studies fixed for that year, and those only, unless by special permission of the Faculty.

4. The register of Matriculation shall be closed on the 1st November in each year, and return thereof shall be immediately made by the Dean to the Registrar of the University. Candidates applying thereafter may be admitted on a special examination to be determined by the Faculty; and, if admitted, their names shall be returned in a supplementary list to the Registrar.

5. Persons desirous of entering as Occasional Students shall apply to the Dean of the Faculty for admission as such Students, and shall obtain a ticket or tickets for the class or classes they desire to attend.

6. Students who have attended collegiate courses of legal study in other Universities, for a number of terms or sessions, may be admitted, on the production of certificates, to a like standing in this University, after examination by the Faculty.

7. All Students shall be subject to the following regulations for attendance and conduct:—

(1) A class-book shall be kept by each Professor and Lecturer, in which the presence or absence of Students shall be carefully noted, and the said class-book shall be submitted to the Faculty at each monthly meeting; and the Faculty shall, after examination of such class-book, decide which Students shall be deemed to have been sufficiently regular in their attendance to entitle them to proceed to the examination in the respective classes.

(2) Punctual attendance on all the classes proper to his year is required of each Student. Professors will note the attendance immediately on the commencement of their lectures, and will omit the names of Students entering thereafter, unless satisfactory reasons are assigned. Absence or tardiness, without sufficient excuse, or inattention or disorder in the Class room, if persisted in after admonition by the Professor, will be reported to the Dean of the Faculty, who may reprimand the Student or report to the Faculty, as he may decide. While in the building, or going to and from it, Students are expected to conduct themselves in

the same orderly manner as in the Class rooms. Any Professor observing improper conduct in the Class rooms, or elsewhere in the building, will admonish the Student, and, if necessary, report him to the Dean.

(3) When Students are reported to the Faculty under the above rules, the Faculty may reprimand, report to parents or guardians, disqualify from competing for prizes or honors, suspend from classes, or report to the Corporation for expulsion.

(4) Any Student injuring the furniture or building will be required to repair the same at his own expense, and will, in addition, be subject to such penalty as the Faculty may see fit to impose.

(5) The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

(6) All cases of discipline involving the interests of more than one Faculty, or of the University generally, shall be reported to the Principal, or, in his absence, to the Vice-Principal.

8. The College year shall be divided into two terms, the first extending to the Christmas vacation, and the second from the expiration of the Christmas vacation to the end of April following.

The lectures will be delivered between the hours of half-past eight and half-past nine in the morning and four and half past six in the afternoon; and special lectures in the evening; the whole at such hours and in such order as shall be determined by the Faculty. Professors shall have the right to substitute an examination for any such lecture.

9. At the end of each term there shall be a general examination of all the classes, under the superintendence of the Professors, and of such other examiners as may be appointed by the Corporation; which examination shall be conducted by means of printed questions, answered by the Students in writing in the presence of the Examiners. The result shall be reported as early as possible to the Faculty.

After the examinations at the close of the second term, the Faculty shall decide the general standing of the Students, taking into consideration the examinations of both terms, both of which examinations shall be considered the Sessional or Final Examinations for the college year, as the case may be.

10. No Student shall be considered as having kept a Session unless he shall have attended regularly all the courses of Lectures, and shall have passed the Sessional Examinations to the satisfaction of the Faculty in all the classes of his year.

11. The Faculty shall have power to grant a dispensation from the attendance at the Courses of Lectures, or Courses of Lectures, or from the Examinations of such Courses of Lectures. No Student shall be permitted to take a Thesis, either in Free or in the Faculty.

12. The subject of a Thesis must fall within the pages of thirty lines each. It must be written on March, forward such Thesis, written *de plume* which he shall sign with the same *nom de plume* as his Thesis, and the final decision shall be by the Faculty.

13. The Elizabethan Award shall be awarded to the Student who shall pass the Final Examinations, and who shall have completed a special Examination in the subject of Roman Law.

14. Every Candidate for a Degree shall follow the following declaration: *Ego A. B. polliceo me esse hunc Universitatis boni, et officii omnibus ad*

15. The fees in the University are: Registration Fee . . . . . Sessional Fee by Order of Graduation Fee, including Fee for supplemental Sessional Fee by Order of Graduation For Partial Students

University or affiliated College. Matriculation and not so paid, the name shall not be re-entered by consent of the Corporation than \$3. Students are required to pay any Matriculation Fee.

16. Partial Students shall be arranged by the Faculty.

17. The requirements for a course can be ascertained by the Faculty.



11. The Faculty shall have the power, upon special and sufficient cause shown, to grant a dispensation to any Student from attendance on any particular Course or Courses of Lectures, but no distinction shall in consequence be made between the Examinations of such Students and those of the Students regularly attending Lectures. No Student shall pass the degree of B.C.L. unless he has prepared a Thesis, either in French or English, which shall have been approved by the Faculty.

12. The subject of such Thesis shall be left to the choice of the Student, but it must fall within the range of study of the Faculty, and shall not exceed twenty pages of thirty lines each. Each Student shall, on or before the first day of March, forward such Thesis to the Secretary of the Faculty, marked with the *nom de plume* which he shall adopt, and accompanied with a sealed envelope, bearing the same *nom de plume* on it, and containing inside his name and the subject of his Thesis, and the envelope shall be opened in presence of the Faculty after the final decision shall be given on the respective merits of the several Theses.

13. The Elizabeth Torrance Gold Medal, in the Faculty of Law, shall be awarded to the Student who, being of the Graduating Class, having passed the Final Examinations, and having prepared a Thesis of sufficient merit in the estimation of the Faculty to entitle him to compete, shall take the highest marks in a special Examination for the Medal, which examination shall include the subject of Roman Law.

14. Every Candidate, before receiving the Degree of B.C.L., shall make the following declaration:—

Ego A.B. polliceor, me, pro viribus meis, studiosum fore communis hujus Universitatis boni, operamque daturum ut decus ejus ac dignitatem amplificem, et officiis omnibus ad Baccalaureatus in Jure Civili gradum pertinentibus fungar.

15. The fees in the Faculty are as follows:—

Registration Fee.....	\$ 5 00
Sessional Fee by Ordinary Students.....	38 00
Graduation Fee, including registration as voter in election of fellows.....	12 50
Fee for supplemental examination.....	5 00
Sessional Fee by Partial Students, for each course.....	3 00
For Partial Students who are students in other departments of the University or affiliated Colleges, taking two or more courses, a single fee of...	5 00

Matriculation and Sessional Fees must be paid on or before Nov. 1st; and if not so paid, the name of the Student shall be removed from the books, but may be re-entered by consent of the Faculty, and on payment of a fine of not less than \$3. Students already on the books of the University shall not be required to pay any Matriculation Fee.

16. Partial Students may be admitted into any class on such terms as shall be arranged by the Faculty.

17. The requirements and conditions for obtaining the Degree of D.C.L. in course can be ascertained upon application to the Secretary of the Faculty.

## SYLLABUS.

- Monday, 3rd September, 1894. Matriculation and Supplemental Examinations. Ordinary Lectures begin.
- Saturday, 8th December. Last day for notice to be sent to Secretary of Section of the Bar by candidates at the January Examination for admission to study or to practise Law in the Province of Quebec.
- Monday, 7th January, 1895. Lectures, Second Term, begin.
- Wednesday, 9th January, 1895. Bar Examinations take place at Montreal.
- Tuesday, 26th February. Theses for Degree of B.C.L.
- Tuesday, 23rd April. Declaration of results of Examination.
- Tuesday, 30th April. Convocation for Degrees in Law.
- Monday, 4th June. Last day for notice to be sent to Secretary of Section of the Bar by candidates at the July Examination for admission to study or to Practise Law in the Province of Quebec.
- Wednesday, 3rd July, 1895. Bar Examinations take place at Quebec.

## EXAMINATIONS.

Dates of Examinations, subject to be changed, if need be, by the Faculty.

*Before Christmas :—*

- Monday, 3rd September, 1894, 10 a.m. Matriculation and Supplemental Examinations—Faculty Rooms, Fraser Institute.
- Saturday, 24th November, 1894, 3 to 5 p.m. On Preliminary Course on Obligations—The Dean.
- Tuesday, 11th December, 1894, 4 to 6 p.m. On Legal History and Bibliography—Prof. McGoun.
- Wednesday, 12th December, 1894, 4 to 6 p.m. On Civil Procedure—Prof. Fortin.
- Thursday, 13th December, 1894, 4 to 6 p.m. On Constitutional Law—The Dean.
- Friday, 14th December, 1894, 4 to 6 p.m. On Commercial Law—Prof. Davidson.
- Saturday, 15th December, 1894, 3 to 5 p.m. On Persons—Prof. Lafleur.

*After Christmas :—*

- Saturday, 16th February, 1895, 3 to 5 p.m. Real Estate—Prof. Wur.ele.
- Saturday, 23rd February, 1895, 3 to 5 p.m. Criminal Law—The Dean.
- Saturday, 13th April, 1895, 4 to 6 p.m. On International Law—The Dean.
- Monday, 15th April, 1895, 4 to 6 p.m. Commercial Law—Prof. Archibald.
- Wednesday, 17th April, 1895, 4 to 6 p.m. On Civil Law (Successions)—Prof. Doherty.
- Thursday, 18th April, 1895, 4 to 6 p.m. On Contracts—Prof. Geoffrion.
- Friday, 19th April, 1895, 4 to 6 p.m. On Law of Carriers—Prof. Abbott.
- Saturday, 20th April, 1895, 3 to 5 p.m. On Notarial Law—Prof. Marler.

## FACULTY OF LAW—TIME TABLE, 1894-95.

I. MONDAY, 3rd September, to FRIDAY, 28th September, 4 weeks.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8.30 to 9.30 a.m.					
4 to 5 p.m.	Prof. McGoun.		Prof. McGoun.		Prof. McGoun.
5 to 6 p.m.	Prof. Fortin. The Dean.	Prof. Fortin. The Dean.	Prof. Fortin. The Dean.	Prof. Fortin. The Dean.	Prof. Fortin. The Dean.

## FACULTY OF LAW—TIME TABLE, 1894-95.

I. MONDAY, 3rd September, to FRIDAY, 28th September, 4 weeks.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8.30 to 9.30 a.m.	Prof. McGoun.	Prof. Fortin.	Prof. McGoun.	Prof. Fortin.	Prof. McGoun.
4 to 5 p.m.	Prof. Fortin.	The Dean.	Prof. Fortin.	The Dean.	Prof. Fortin.
5 to 6 p.m.	The Dean.		The Dean.		The Dean.

II. MONDAY, 1st October, to FRIDAY, 2nd November, 5 weeks.

8.30 to 9.30 a.m.	Prof. McGoun.	Prof. Fortin.	Prof. McGoun.	Prof. Fortin.	Prof. McGoun.
4 to 5 p.m.	The Dean.	Prof. Davidson.	The Dean.	Prof. Davidson.	The Dean.
5 to 6 p.m.	Prof. Lafleur.	Prof. Davidson.	Prof. Lafleur.	Prof. Davidson.	Prof. Lafleur.

III. MONDAY, 5th November, to FRIDAY, 7th December, 5 weeks.

8.30 to 9.30 a.m.	Prof. Fortin.	The Dean.	Prof. Fortin.	The Dean.	Prof. Fortin.
4 to 5 p.m.	Prof. Davidson.	Prof. Lafleur.	Prof. Davidson.	Prof. Lafleur.	Davidson.
5 to 6 p.m.					

IV. MONDAY, 7th January, to FRIDAY, 8th February, 5 weeks.

8.30 to 9.30 a.m.	The Dean.	Prof. Doherty.	The Dean.	Prof. Doherty.	The Dean.
4 to 5 p.m.	Prof. Geoffrion.	Prof. Archibald.	The Dean.	Prof. Archibald.	The Dean.
5 to 6 p.m.		Prof. Wurtele.	Prof. Geoffrion.	Prof. Wurtele.	Prof. Archibald.

V. MONDAY, 11th February, to FRIDAY, 15th March, 5 weeks.

8.30 to 9.30 a.m.	The Dean.	Prof. Doherty.	The Dean.	Prof. Doherty.	The Dean.
4 to 5 p.m.	Prof. Archibald.	The Dean.	The Dean.	The Dean.	The Dean.
5 to 6 p.m.		Prof. Archibald.	Prof. Abbott.	Prof. Archibald.	Prof. Abbott.

VI. MONDAY, 17th March, to FRIDAY, 12th April, 5 weeks.

8.30 to 9.30 a.m.	The Dean.	Prof. Doherty.	The Dean.	Prof. Doherty.	The Dean.
4 to 5 p.m.	Prof. Marler.	Prof. Abbott.	The Dean.	Prof. Abbott.	The Dean.
5 to 6 p.m.			Prof. Marler.	Prof. Abbott.	Prof. Abbott.

In the Library Room of the Faculty, Fraser Institute Building, when called.



## APPENDIX.

The attention of intending Students is called to the following provisions of the Revised Statutes of Quebec and amendments, as bearing on the requirements for the study and practice of Law in the Province:—

ARTICLE 3544 R.S. Q.—Examinations for admission to study and to practise law in the Province of Quebec are held at the time and place determined by the General Council.

The places and dates as at present fixed are

**MONTREAL, - Wednesday, 9th Jan., 1895.**

**QUEBEC, - - Wednesday, 3rd July, 1895.**

and alternately at Montreal and Quebec every six months, namely—at Montreal on the second Wednesday of each January, and at Quebec on the first Wednesday of each July.

All information concerning these examinations can be obtained from the General Secretary's Office. The present General Secretary is W. C. Languedoc, Esq., Quebec.

ARTICLE 3546.—Candidates must give notice as prescribed by this article, at least one month before the time fixed for the examination, to the Secretary of the Session in which he resides, or in which he has resided for the last six months.

The present Secretary of the Montreal Section is Mr. D. R. Murphy, New York Life Building, Montreal.

ARTICLE 3503a.—Added by Statute of Quebec, 53 Victoria (1890), Cap. 45, provides that Candidates holding the diploma of Bachelor of Arts, Bachelier-es-Lettres, or Bachelier-es-Science from a Canadian or other British University, is dispensed from the examination for admission to study. Such Candidates are required to give the notice mentioned above.

ARTICLE 3548 R.S. Q. (as altered by by-law of the General Council).—On giving the notice prescribed by Article 3546, the Candidate pays the Secretary a fee of \$2, and makes a deposit of \$30, for admission to study, or of \$70 for admission to practice, which deposit, less \$10, is returned in case of his not being admitted.

ARTICLE 3552 (amended 1894, Q. 57 Vic., c. 35).—To be admitted to practice, the Student must be a British subject, and must have studied regularly and without interruption during ordinary office hours, under indentures before a Notary, as Clerk or Student, with a practising Advocate, during Four Years, *dating from the registration of the certificate of admission to study.* This term is reduced to Three years in the case of a Student who has followed a regular law course in a University or College in this Province, and taken a degree in law therein.

## REQUIREMEN

Every Candidate  
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Phillimore, Intern  
Hall,

REQUIREMENTS FOR DEGREE OF DOCTOR OF CIVIL  
LAW.

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ADOPTED OCTOBER, 1891.

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Every Candidate for the Degree of D.C.L. in Course must be a Bachelor of Civil Law of twelve years' standing, and must pass such examination for the Degree of D.C.L. as shall be prescribed by the Faculty of Law. He shall also, at least two months before proceeding to the Degree, deliver to the Faculty twenty-five printed copies of a Thesis or Treatise of his own composition on some subject selected or approved by the Faculty, such Thesis to contain not less than fifty octavo pages of printed matter, and to possess such degree of merit as shall, in the opinion of the Faculty, justify them in recommending him for the degree.

The Candidate shall also pay to the Secretary of the Faculty, annually during the period of twelve years, for the retention of his name on the books of the Faculty, a fee of two dollars, to form part of the Library Fund of the Faculty. Upon cause shown, however, and with the consent of the Faculty, such fees may be paid at one time before the granting of the degree.

The Examination for the Degree of D.C.L. in Course, which shall be open to all who have taken the degree of B.C.S. of this University in the past, as well as to such as may take the degree in future, shall, until changed, be on the following subjects and authors, with the requirement of special proficiency in some one of the groups below indicated. In the groups other than the one selected by the Candidate for special proficiency, a thorough acquaintance with two works of each group shall be sufficient, including in all cases the work first mentioned in each group and the first two works in group third.

I. INTERNATIONAL LAW.

Phillimore, International Law.  
Hall, " "

Wharton, Conflict of Laws.  
 Savigny's International Law, by Guthrie.  
 Fœlix, Droit International Privé.  
 Brocher, Droit International Privé.  
 Dicey on Domicile.  
 Story, Conflict of Laws.  
 Maine, Lectures on International Law.

## 2. ROMAN LAW.

Ortolan's Institutes.  
 Mommsen's History of Rome.  
 Roby's Introduction to the Digest.  
 Muirhead's Roman Law.  
 Mackenzie's Roman Law.  
 Savigny's Roman Law in the Middle Ages.  
 Bryce's Holy Roman Empire.  
 Institutes of Gaius.  
 Fustel de Coulanges, La Cité Antique.

## 3. CONSTITUTIONAL HISTORY AND LAW.

Dicey's Law of the Constitution.  
 Stubbs' Constitutional History of England.  
 Hearn, Government of England.  
 Bagehot, English Constitution.  
 Franqueville, British Government and Parliament.  
 Gneist, Constitution of England.  
 Hallam, Constitutional History of England.  
 May, " " "  
 Gardiner, " " "  
 May, Democracy in Europe.  
 Freeman, Growth of the English Constitution.  
 Mill, Representative Government.  
 Bentham, Fragment on Government.  
 Maine, Popular Government.

## 4. CONSTITUTION

Todd, Parliamanta  
 Bourinot, Federal  
 Doutre, Constituti  
 Cartwright, Cases  
 Lord Durham's Re  
 Lareau, Histoire d  
 Houston's Constit  
 Volume O., Statut  
 Masères' Collectio  
 Laferrière, Essai s  
 Dilke, Problems o  
 Matthews (Jehu),  
 Bryce, American  
 Curtis, History of  
 Cooley, Principles

## 5. CRIMINAL LA

Stephens, History  
 Blackstone, Vol. IV  
 Harris, Principles  
 Pike, History of C  
 Holland's Element  
 Austin, Lectures, c  
 Lorimer's Institut  
 Amos, Science of L  
 Woolsey, Political  
 Lieber, Political E  
 Freeman, Compar  
 Aristotle's Politics,



## 4. CONSTITUTION OF CANADA AND WORKS RELEVANT THERETO.

Todd, Parliamentary Government in the British Colonies.  
Bourinot, Federal Government in Canada.  
Doutre, Constitution of Canada.  
Cartwright, Cases under the British North America Act.  
Lord Durham's Report on British North America.  
Lareau, Histoire du Droit Canadien.  
Houston's Constitutional Documents of Canada.  
Volume O., Statutes of Lower Canada.  
Masères' Collection of Quebec Commissions.  
Laferrière, Essai sur l'histoire du droit français.  
Dilke, Problems of Greater Britain.  
Matthews (Jehu), A Colonist on the Colonial Question.  
Bryce, American Commonwealth.  
Curtis, History of the Constitution of the United States.  
Cooley, Principles of Constitutional Law.

## 5. CRIMINAL LAW, JURISPRUDENCE AND POLITICAL SCIENCE.

Stephens, History of the Criminal Law.  
Blackstone, Vol. IV.  
Harris, Principles of Criminal Law.  
Pike, History of Crime.  
Holland's Elements of Jurisprudence.  
Austin, Lectures, omitting chapters on Utilitarianism.  
Lorimer's Institutes.  
Amos, Science of Law.  
Woolsey, Political Science.  
Lieber, Political Ethics.  
Freeman, Comparative Politics.  
Aristotle's Politics, by Jowett.

## Faculty of Comparative Medicine and Veterinary Science.

THE PRINCIPAL (*Ex-officio*).

*Professors :*

MCEACHRAN (D.), BAKER, MCEACHRAN (C.).

*Associate Professors :*

GIRDWOOD,	PENHALLOW.
WILKINS,	MILLS.
BLACKADER,	ADAMI.

Dean of the Faculty :—D. MCEACHRAN, D.V.S.

Registrar :—C. MCEACHRAN, D.V.S.

The Sixth Session of the Faculty (being the twenty-ninth of the Montreal Veterinary College) will be opened on Tuesday, the 2nd October, 1894, by an introductory lecture, at 8 p.m., in the lecture-room of the Faculty, No. 6 Union Avenue. The regular courses of lectures will begin on Wednesday, 3rd October, at the hours named in the time table, and will continue till the end of March.

The complete curriculum in this Faculty extends over three years. Graduates of recognized Medical Colleges are allowed to present themselves for examination after regular attendance on one full sessional course; graduates of recognized Agricultural Colleges, in which Veterinary Science constitutes a branch of study, after regular attendance for two full courses.

Allowances will be made to students of Human or Comparative Medicine, or others who can produce certified class tickets for attendance on any of the subjects embraced in the curriculum from any recognized college or university.

Graduates and students who avail themselves of the above privileges will nevertheless be required to pass an examination in the subjects comprised in the three years' course, unless, from satisfactory evidence otherwise produced, the examiners consider it to be unnecessary.

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A. N. Shewan, M.A  
29th Sept., 9 a.m., at  
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No College is recogn  
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NOTE—It is contemplan  
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REGIST

The following are th  
All students desirous  
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Graduates of recognized Veterinary Colleges, desirous of taking the degree, may do so by attendance on the final subjects for one full session, but will be required to pass the examinations on all the subjects embraced in the curriculum, botany excepted.

Partial and Agricultural students will be received without matriculation for attendance on any particular series of lectures. Such students will not be examined, nor will they be entitled to receive class certificates except as Partial students, nor will such attendance be accepted should the student subsequently wish to become a regular student of the Faculty.

#### MATRICULATION.

Every student, previous to his admission, must produce a certificate of educational acquirements satisfactory to the Faculty, or submit himself to a matriculation examination in (1) writing, (2) reading aloud, (3) dictation, (4) English grammar, (5) composition, (6) outlines of geography with special reference to North America, (7) arithmetic (including vulgar and decimal fractions).

A. N. Shewan, M.A., will hold the matriculation examination on Saturday, 29th Sept., 9 a.m., at the College, 6 Union Avenue, when all those intending to enter the course should present themselves for examination. Candidates possessing certificates of education or of previous matriculation should produce them for the inspection and approval of the examiner. Graduates of any Faculty in a recognized University or Agricultural College are not required to pass this examination.

No College is recognized unless its students are required to pass a matriculate examination.

NOTE—It is contemplated to add the rudiments of Latin to the requirements for matriculation in the near future.

#### REGISTRATION AND PAYMENT OF FEES.

The following are the College regulations:

All students desirous of attending the classes shall, at the commencement of each session, enroll their names and residences in the register of the Faculty, and procure from the Registrar a ticket of registration, for which each student shall pay a fee of \$5.

The said register shall be closed on the last day of October in each year. The fees are payable to the Registrar and all class tickets will be issued by him, and must be paid in advance (except under special circumstances) at the time of registration.

All students must register, including those who receive free bursaries.

Fees for the whole course are \$180, which may be paid in three annual payments of \$60 each, which, in all cases, must be paid on entering. Matriculation fee, \$5, which is to be paid prior to the examination; \$5 for registration; and \$5



for re-registration, payable at the beginning of each of the following two Sessions, and \$20 on receiving the diploma. Students who are allowed time for previous study will be required to pay full fees. Payments must be made in all cases as above.

#### SCHOLARSHIPS.

The Faculty offers for competition this session (1894-5) two scholarships of fifty dollars each : one for First, and the other for Second year Students. These scholarships will be awarded to the student in each year who has the highest aggregate and who obtains not less than fifty per cent. in any one subject, and an average of seventy-five per cent. of the total number of marks attainable.

#### STUDENTS OF THE PROVINCE OF QUEBEC.

In consideration of the annual grant, the Council of Agriculture has the privilege of sending thirteen pupils, free of expense, to the whole course ; such students however, pay a fee of \$5 for the course in Botany and \$5 annually for registration. These Bursaries may be obtained by young men resident in the Province of Quebec, by application made to the Dean of the Faculty in the handwriting of applicant, accompanied by a recommendation from the Agricultural Society of the district in which he resides, provided the Council considers him qualified by education and in other respects for entering the College.

In all cases, except when specially arranged, holders of Bursaries will be required to give a guarantee that they will attend three Sessions ; and failing to do so, they shall be required to pay the fees for the Sessions which they have attended.

#### GENERAL REGULATIONS.

Students of this Faculty will be graded as of the First, the Second, and the Final year.

In each year students will take the studies fixed for that year only, unless by special permission of the Faculty.

Persons desirous of entering as Partial Students shall apply to the Dean of the Faculty for admission and shall obtain a ticket or tickets for the class or classes they desire to attend.

All Students shall be subject to the following regulations as regards attendance and conduct :—

A class-book shall be kept by each Professor and Lecturer, in which the presence or absence of Students shall be carefully noted ; and the said class-book shall be submitted to the Faculty at a meeting to be held between the close of the lectures and the commencement of the examinations ; and the Faculty shall, after examination of such class-book, decide which Students shall be deemed to have been sufficiently regular in their attendance to entitle them to proceed to the examinations in the respective classes.

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Punctual attendance on all the classes proper to his year is required of each Student. Absence or tardiness, without sufficient excuse, or inattention or disorder in the class-room, if persisted in after admonition by the Professor, will be reported to the Dean of the Faculty, who may reprimand the Student or report to the Faculty, as he may decide. While in the building, or going to or from it, Students are expected to conduct themselves in the same orderly manner as in the Class-rooms. Any Professor observing improper conduct in the Class-rooms, or elsewhere in the building, will admonish the Student, and, if necessary, report him to the Dean.

When Students are reported to the Faculty under the above rules, the Faculty may reprimand, report to parents or guardians, disqualify from competing for prizes or honors, suspend from classes, or report to the Corporation for expulsion.

Any Student injuring the furniture or building will be required to repair the same at his own expense, and will, in addition, be subject to such penalty as the Faculty may see fit to impose.

All cases of discipline involving the interest of more than one Faculty, or of the University generally, shall be reported to the Principal, or, in his absence, to the Vice-Principal.

The College year shall be divided into two terms, the first extending to the Christmas vacation and the second from the expiration of the Christmas vacation to the 30th March following.

Each lecture shall be of one hour's duration, but the Professors shall have the right to substitute an examination for any such lecture.

At the end of each term there shall be a general examination of all the classes, under the superintendence of the Professors and such other examiners as may be appointed by the Corporation. The results shall be reported as early as possible to the Faculty.

The Students have all the privileges of the McGill Medical Faculty's Laboratories, which are thus described in their annual calendar :—

#### PHYSIOLOGICAL LABORATORY.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains, amongst other valuable instruments ; kymographs, various manometers, etc., for demonstrating blood pressure ; myographs, rheocords, moist chambers, etc., and various electrical appliances for demonstrating experiments in connection with nerve and muscle ; special apparatus for illustrating various points in respiration ; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of Students assisting at, and taking part in, these demonstrations. [During the past

session, important additions of apparatus have been made to the Physiological Laboratory.]

#### CHEMICAL LABORATORY.

The Chemical Laboratory is large, lofty and well lighted, and can accommodate comfortably 76 men at one time. Each Student, when entering on his course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus specially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each Student without extra charge. The Student is required to pay only for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, etc., giving to the Student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

#### PATHOLOGICAL LABORATORY.

In the Pathological Laboratory accommodation will be provided for Students or practitioners who desire to carry on advanced study or private pathological research.

The Laboratory has been entirely rebuilt recently, and is well stocked with the usual apparatus for pathological and bacteriological work.

The demonstrations in Morbid Anatomy will be given in a small laboratory, specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

#### HISTOLOGICAL LABORATORY.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged, that over eighty students can be present at the microscopical demonstrations. For this purpose, it is supplied with thirty-five microscopes, all from the well known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are subjects of demonstration.

#### PRACTICAL MICROSCOPY.

This is an entirely optional course, in charge of Prof. Wilkins, assisted by Dr. Gunn. It is intended especially for teaching the technique of Microscopy. Students will be shown how to examine blood, etc., also to cut, stain, and mount

specimens. For this purpose with which they will be able will be of great benefit when glasses and cabinet cases, pro

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Inorganic Chemistry is fully Organic Chemistry and its relation upon or connected with Chemical experimental illustration, abundant The Chemical Laboratory will experiments performed during the or his Assistant.

\* Students may take either Botany or Chemistry on their choice, and adhere to this, or may bring to attend both subjects in one session



specimens. For this purpose they will have furnished them normal structures, with which they will be able to secure a cabinet of at least 100 specimens, which will be of great benefit when in practice. Reagents and apparatus, except cover-glasses and cabinet cases, provided. Fee, \$8.

## COURSES OF LECTURES.

### BOTANY.\*

D. P. PENHALLOW, B.Sc.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collections, models and apparatus in the Redpath Museum. Use is also made of the resources for practical instruction in Morphology, now afforded by the Botanic Garden.

### ZOOLOGY.\*

W. E. DEEKS, B.A., M.D.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It affords suitable preparation for collecting in any department of Canadian Zoology or Palæontology, and as an introduction to Comparative Physiology.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum and to the Museum of the Natural History Society of Montreal.

It is optional with students to select either the course on Botany or on Zoology

### CHEMISTRY.

GILBERT P. GIRDWOOD, M.D.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Medicine. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the Class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

\* Students may take either Botany or Zoology, but must intimate at the beginning of the Session their choice, and adhere to this, except by special permission of the Faculty. Students desiring to attend both subjects in one session may do so by permission of the Faculty.

## PHYSIOLOGY.

WESLEY MILLS, M.D.

The purpose of this Course is to make Students thoroughly acquainted, so far as time permits, with modern Physiology, its methods, its deductions, and the basis on which the latter rest. Accordingly, a full course of lectures is given, in which both the Experimental and the Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the student.

Laboratory work for Senior Students :—

(1) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food-stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.

(2) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, etc.

## HISTOLOGY.

GEO. WILKINS, M.D.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

## COMPARATIVE PATHOLOGY.

J. G. ADAMI, M.D.

The teaching in Pathology in the McGill Medical Faculty includes courses in general and special Pathology, in Bacteriology (held during the Summer Session) and instruction in the performance of Autopsies. These courses—while directed especially towards giving to the Students a due knowledge of the causation and course of disease in man—are necessarily based largely upon the results of observations upon the lower animals, and the greater part of all these causes is applicable equally to conditions obtaining in the domestic animals. There is in addition a practical course of Pathological Histology for Students of Comparative Medicine, and instruction is given upon the performance of Autopsies upon the lower animals.

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## MEDICINE AND SURGERY.

D. MCEACHRAN, F.R.C.V.S.

Students of all years must attend.

The course embraces the principles and practice of Veterinary Medicine, including the diseases of domestic animals, their nature, causes, symptoms and treatment. It necessarily includes Pathology and Pathological Anatomy, with daily clinical demonstrations in the hospital and the yard practice of the College, as well as illustrations from plates, preserved specimens, and fresh material furnished by the Pathologist.

The course on Surgery embraces Surgical Anatomy and Practice of Surgery, and will be illustrated by a large collection of surgical appliances.

The large and varied practice of the College furnishes abundance of cases for demonstration purposes.

Special lectures will be given on Sanitary Science, Quarantine, inspection of meat and milk, and also on the examination of horses for soundness.

## ANATOMY.

M. C. BAKER, D.V.S.

In this course the Anatomy of the horse is the subject of special study; while the structural differences of all the domestic animals are carefully explained and illustrated by fresh subjects. There is a very large collection of anatomical models by Dr. Auzoux, of Paris, natural injections and dissections, and a most complete collection of diagrams, including Marshall's complete set, M. Achille Comte's Anatomical and Zoological series, also a large collection of drawings specially prepared for the school by Mr. Scott Leighton, artist, Boston, and Mr. Hawksett, Montreal.

The dissecting room is open at all hours, subjects are easily procured, and either the Professor or Demonstrator will be in attendance to superintend and direct students in practical dissection. The room is furnished with every convenience, is thoroughly lighted, and affords students all that can be reasonably desired.

Students are required to pay for the material necessary for practical anatomy.

Before a student can be allowed to present himself for his pass examination, he must produce tickets certified by the demonstrator that he has dissected two entire subjects, that is, one each session.

## MATERIA MEDICA AND THERAPEUTICS.

M. D. BLACKADER, M.D.

This course comprises a description of the physiological and therapeutic action of all the more important medicines used in Veterinary Practice, with a short



reference to their general properties and principal preparations. It will also include a course in the practical work of compounding and administering medicines in the pharmacy and hospital. There will also be a few experimental demonstrations of the action of some of the more important drugs on animals.

#### CATTLE PATHOLOGY AND OBSTETRICS.

C. McEACHRAN, D.V.S.

A special course on Cattle Diseases and Veterinary Obstetrics will be delivered, embracing the history of Cattle Plague: their nature, symptoms, pathological anatomy, prophylactic and therapeutic treatment; breeding and general management of breeding animals; diseases incident to gestation and parturition etc.

#### SPECIAL COURSE ON DOGS.

Professor Wesley Mills will give a special course on Dogs, which will include:—

- (1) Lectures on the physical and psychic characteristics of all the leading varieties, illustrated by specimens from his own kennels and other sources, as well as by plates, etc.
- (2) The principles of training; the feeding and general management of dogs.
- (3) The principles of breeding; the management of brood bitches and the rearing of puppies.
- (4) Bench show management and the public judging of dogs.
- (5) The rights and duties of dog owners.

In all of the above courses the clinical and pathological aspects of the subjects will be considered, as well as the normal.

#### THE MUSEUM

contains a large collection of natural and artificial specimens, consisting of skeletons of almost all the domestic animals, numerous specimens of diseased bones, preparations by Dr. Auzonx of all the different organs in the body, natural dissections, colored models, diagrams, etc., etc., all of which are used in illustrating the lectures, and to which the Students have frequent opportunities of referring. Students will also enjoy the privileges of the Museum of the Medical Faculty of McGill University, which is rich in pathological specimens.

#### THE PHARMACY.

All the medicines used in the practice of the College are compounded by the Students, under the direction of the Professors, from prescriptions for each particular case, and most of them are administered or applied by them. For this purpose they are detailed for certain pharmaceutical duties alternately. By this

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The Hospital including most of the ty, afford excellent and ages. Owing thorough bred herds do considerable catt canine diseases can brought to the Coll Senior Students tal, and first and se operations.

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*Physiology*—Huxley  
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*Histology*—Klein's  
*Botany*—Gray's Stru  
*Zoology*—Dawson's l  
*Chemistry*—Wurtz's  
 Chemistry.  
*Medicine and Surge*  
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*Materia Medica*—Du  
 Tuson's Pharma

\*Students are advise Professor who teaches the

means they become familiar with the physical properties, compatibilities, doses, and uses of the medicines, and become expert in administering them to the different patients brought for treatment.

#### THE PRACTICE.

The Hospital and Daily Clinics, as well as a very extensive out-door practice including most of the largest stables in the city and numerous farms in the vicinity, afford excellent opportunities for clinical observation on horses of all breeds and ages. Owing to the number of cattle kept in the city, and the valuable thoroughbred herds in the neighborhood, advanced students are enabled to see and do considerable cattle practice. The dog practice is the largest in Canada. All canine diseases can be studied clinically, owing to the large number of dogs, brought to the College for medical or surgical treatment.

Senior Students will be appointed to act alternately as dressers in the Hospital, and first and second year men must assist in administering medicines and at operations.

#### FREE CLINICS.

To afford the Students still more extensive opportunities of clinical observation, an hour a day will be given to free clinics for animals belonging to the poor, which will be duly advertised.

#### TEXT-BOOKS.\*

The following text-books are recommended:—

*Anatomy*—Chauveau's Comparative Anatomy; Strangeway's Veterinary Anatomy; McFadecyan's Veterinary Anatomy.

*Physiology*—Huxley's Elementary Lessons; Prof. Mills' Text-Book of Comparative Physiology; Outlines of lectures by the same author.

*Histology*—Klein's Elements; Schafer's Essentials of Histology.

*Botany*—Gray's Structural Botany; Bessey's Botany.

*Zoology*—Dawson's Handbook.

*Chemistry*—Wurtz's Elementary Chemistry; Armstrong; Remsen's Organic Chemistry.

*Medicine and Surgery*—William's Principles and Practice of Veterinary Medicine; Fleming's Sanitary Science and Police; William's Surgery; Fleming's Operative Surgery; Robertson's Equine Medicine; Liautard's Operative Veterinary Surgery.

*Materia Medica*—Dun's Veterinary Medicines; Walley's Veterinary Conspectus; Tuson's Pharmacy.

\*Students are advised not to buy text-books extensively till after consultation with the Professor who teaches the subject.

*Cattle Diseases.*—Steel's Bovine Pathology; Clatter's Cattle Doctor (Armistage); Fleming's Veterinary Obstetrics.

*Canine Diseases.*—Prof. Mills' The Dog in Health and in Disease; Hill on the Dog.

*Entozoa.*—Cobbold's Entozoa of Domestic Animals.

*Pathology.*—Payne's Pathology.

#### BOARD AND TRAVELLING EXPENSES.

Board can be obtained at from \$15 to \$20 per month.

By the kindness of the Railway Companies, certified students of the College will be granted return tickets from Montreal to any part of their lines at greatly reduced rates, the said tickets to hold good from the close of one session to the beginning of the next.

Return tickets will also be granted for the Christmas vacation.

#### VETERINARY MEDICAL ASSOCIATION.

This Association is for the mutual improvement of its members in all matters pertaining to the profession.

The members are graduates and students of Veterinary Medicine, also graduates and students of Human Medicine.

The meetings are held fortnightly, at which papers are read and discussed, cases reported, etc.

The advantages which students derive from these meetings are very great. Not only do they hear carefully prepared papers on subjects of professional importance, but an opportunity is afforded for practising public speaking which in after-life is often extremely useful. The fees of the Association are expended in the purchase of books for the Library, drugs for experimental purposes, and the prizes awarded for papers read.

The Library is owned by the Association, and is under the control of officers who are elected annually. It contains nearly 600 volumes, embracing works of great antiquity, as well as the modern works on Veterinary Science and collateral subjects, in both the English and French languages, all of which are available for consultation and study by members.

Every student is expected to become a member. The entrance fee is \$5, and the yearly subscription \$2.50. A Diploma of Honorary Fellowship is conferred on all members who have complied with the regulations of the Association.

#### ASSOCIATION FOR THE STUDY OF COMPARATIVE PSYCHOLOGY.

This Society is similar in constitution to the Veterinary Medical Association.

Its object is the study of the Psychic Phenomena (intelligence, etc.) of all classes of animals, and the diffusion of sounder views on this subject.

Naturally, it is of great importance in the practice of medicine upon dumb animals, as well as of peculiar scientific interest.

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## QUALIFICATIONS FOR THE DEGREE.

Candidates for the Final Examination shall furnish testimonials of attendance on lectures on the following subjects :—

Either Botany or Zoology, } One course of six months, 1st year.  
Histology,

Chemistry, }  
Physiology, } Two courses of six months, 1st and 2nd years.  
Anatomy,

General Pathology and Demonstrations, one course of six months.

Cattle Diseases and Obstetrics, }  
Practice of Medicine and Surgery, } Two courses 2nd and 3rd years.  
Materia Medica and Therapeutics,

No one will be permitted to become a candidate for examination who shall not have attended at least one full course of lectures in this Faculty, including all the subjects embraced in the curriculum.

Courses of less length than the above will be received only for the time over which they have extended.

Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

Candidates who fail to pass in not more than two subjects of the first two years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Faculty, and on written application, stating reasons.

Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon.

In addition to the written and oral examinations, candidates must pass a practical clinical test, including examination of horses for soundness, written reports being required; the clinical reports to include diagnosis, prognosis and treatment.

The following oath or affirmation will be exacted from the candidate before receiving the degree :—

DECLARATION OF GRADUATES IN COMPARATIVE MEDICINE AND  
VETERINARY SCIENCE.

I, ———, promise and solemnly declare that I will, with my best endeavors, be careful to maintain the interests of this University, and that, to the best of my ability, I will promote its honor and dignity.

## EXAMINATIONS.

First Year.—Pass Examinations in Botany or Zoology and Histology (oral), and sessional examinations on the other subjects of the course of the year.

Second Year.—Pass Examinations in Chemistry, Physiology, Histology (written) and Anatomy, in addition to sessional examinations.

Third Year.—Pass Examination in Practice of Medicine and Surgery, General and Special Pathology, Veterinary Obstetrics, Diseases of Cattle and Materia Medica and Therapeutics.

N.B.—Sessional Examinations will be held from time to time during the session, and attendance at these is compulsory. The standing attained at these examinations will be taken into account at pass examinations.

#### AGE FOR GRADUATION.

Students under seventeen will be received as apprentices, but cannot be entered as regular Students before attaining that age.

Minors may pass the Examinations, but cannot receive the Diploma until they are twenty-one years of age.

#### HINTS TO STUDENTS.

The Matriculation Examination which you have to undergo is by no means a severe one; and, if you are not prepared to pass it, you should begin at once to improve your education.

You had better not commence professional reading till you have become familiar with the fundamental subjects. Practice, except under the guidance of a thoroughly educated practitioner, is more likely to mislead than aid you.

It is advisable that you should arrive in Montreal before the opening day, so as to give you time to procure suitable lodgings. Endeavor by all means to be present at the introductory lectures on all subjects; you cannot miss one lecture without thereby losing valuable preparatory information. Come prepared to procure at once the necessary text-books and note-books. Make your arrangements so as to enable you to devote your entire time and undivided attention to your studies, as the three sessions which the curriculum covers will be found none too long to accomplish the necessary proficiency in the various branches of study required of you.

#### NOTICE TO GRADUATES.

For the purpose of increasing pathological material for the classes, Graduates are earnestly requested to send any interesting or obscure pathological specimens which may be met with in their practice to the Pathologist at the Veterinary College, No. 6 Union Avenue. The specimens may be sent C.O.D. by express, and will in all cases be acknowledged. A report upon the nature of the specimen will be sent if desired; and the specimens, when of sufficient interest, will be preserved in the Museum with the names of the donors affixed.

## ORDER OF LECTURES.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8 to 9 a. m.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Anatomy.
9 to 10 a. m.	Practice of Medicine and Surgery.	Practice of Medicine and Surgery.	Practice of Medicine and Surgery.	Practice of Medicine and Surgery.	Practice of Medicine and Surgery.	Clinical Surgery.
10 to 11 a. m.	Cattle Pathology. 2nd and 3rd Year.	Pathology. 2nd and 3rd Year.	Cattle Pathology. 2nd and 3rd Year.	Pathology 3rd Year.	Pathology. 2nd and 3rd Year.	Pathological Demonstration.
11 a. m. to 12 p. m.	Practical Pharmacy and Hospital Practice.	Practical Pharmacy and Hospital Practice.	Practical Pharmacy and Hospital Practice.	Practical Pharmacy and Hospital Practice.	Practical Pharmacy and Hospital Practice.	Botany Demonstration. Practical Physiology.
1 to 2 p. m.	Physiology. 2nd Year.	Physiology. 2nd Year.	Physiology. 2nd Year.	Physiology 2nd Year.	Physiology. Demonstration. 1st and 2nd year men.	Histological Demonstration.
2 to 3 p. m.	* Materia Medica.	Botany.	*Materia Medica.	Botany.		
3 to 4 p. m.	Physiology. 1st Year.	Physiology. 1st Year.	Physiology. 1st Year.	Physiology. 1st Year.	Histology.	
4 to 5 p. m.	Chemistry.	Chemistry. †Materia Medica 5 to 6	Chemistry.	Chemistry. †Materia Medica 5 to 6.	Chemistry.	Examination of Horses for Soundness.
8 to 10 p. m.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	

\* Union Avenue, † McGill.



# McGill Normal School.

The McGill Normal School in the city of Montreal is established chiefly for the purpose of training teachers for the Protestant population, or for all religious denominations of the Province of Quebec other than the Roman Catholic. The studies in this school are carried on chiefly in English, but French is also taught.

## GOVERNMENT OF THE SCHOOL.

The Corporation of McGill University is associated with the Superintendent of Public Instruction in the direction of the McGill Normal School, under the regulations of the Protestant Committee of the Council of Public Instruction, and it is authorized to appoint a standing committee consisting of five members, called "The Normal School Committee," which shall have the general supervision of the affairs of the Normal School. The following members of the Corporation of the University constitute the committee of the Normal School for the Session of 1894-95.

## NORMAL SCHOOL COMMITTEE.

The Principal of the University, *Chairman*.

MR. SAMUEL FINLEY, MR. GEORGE HAGUE,	} Governors of McGill College.
REV. GEORGE CORNISH, LL.D., J. R. DOUGALL, M.A.,	
J. W. BRAKENRIDGE, B.C.L.,	} Fellows of McGill University. <i>Acting Secretary.</i>

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## OFFICERS OF INSTRUCTION.

## MCGILL NORMAL SCHOOL.

SAMPSON PAUL ROBINS, M.A., LL.D., *Principal and Ordinary Professor of Mathematics, and Lecturer on Art of Teaching.*

ABNER W. KNEELAND, M.A., *Ordinary Professor of English Language and Literature.*

MADAME SOPHIE CORNU, *Professor of French.*

MISS GREEN, *Professor of Drawing.*

MR. R. J. FOWLER, *Instructor in Music.*

LILIAN B. ROBINS, B.A., *Assistant to the Principal, and Instructor in Classics.*

MR. W. H. SMITH, *Instructor in Tonic Sol-Fa.*

MR. JNO. P. STEPHEN, *Instructor in Elocution.*

T. D. REED, M.D., C.M., *Lecturer in Physiology and Hygiene.*

NEVIL N. EVANS, M.A.Sc., *Lecturer in Chemistry.*

## MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL.

ORRIN REXFORD, B.Sc., *Head Master of Boys' School.*

MISS MARY J. PEEBLES, *Head Mistress of Girls' School.*

MISS LUCY H. DERICK, *Head Mistress of Primary School.*

## ANNOUNCEMENT FOR THE SESSION 1894-95.

This Institution is intended to give a thorough training to teachers, by instruction and training in the Normal School itself, and by practice in the Model Schools; and the arrangements are of such a character as to afford the greatest possible facilities to Students from all parts of the Province.

The thirty-ninth session of this School will commence on the third of September, 1894, and close on thirty-first of May, 1895. The complete course of study extends over four years, and the Students are garded as follows:—

- 1.—*Elementary School Class.*—Studying for the Elementary School Diploma.
- 2.—*Model School Class.*—Studying for the Model School Diploma.
- 3.—*Academy Class.*—Studying for the Academy Diploma.

All the following regulations and privileges apply to male and female students alike.

## I. TERMS OF ADMISSION.

*(Extracted from the Regulations of the Protestant Committee of the Council of Public Instruction.)*

Any British subject who produces a certificate of good moral character from the minister of the congregation to which he belongs, and evidence to show that he has completed the sixteenth year of his age, may be admitted to examination for entrance into the Elementary School Class, or, if he has completed his seventeenth year, to the entrance examinations of the Model School Class. *(See Note a.)*

Previous to admission to the Elementary School Class, every pupil-teacher shall undergo an examination as to his sufficient knowledge of reading, writing, the rudiments of grammar in his own language, geography and arithmetic; before admission to the Model School Class he must give proof of his knowledge of the subjects of the previous year. Except as stated below, the examination shall take place before the Principal, or before such other person as he may specially appoint for the purpose. *(See Note b.)*

All candidates who present certificates of having passed in Grade III. Model School Course, and all holders of Elementary School diplomas, shall be exempt from examination for admission to the Elementary School Class. All candidates who show that they have passed at the A.A. examinations, taking two-thirds of the aggregate marks, and have passed in French, and all holders of Model School diplomas, shall be exempt from examination for admission to the Model School Class. Holders of Elementary School diplomas, desiring admission to the Model School Class, shall be examined in Algebra, Geometry and French only.

Candidates shall be admitted to examination for entrance only at the times regularly appointed by the Principal of the school at the beginning of the session. Candidates exempt from examination can only be admitted during the first week of the session, except that teachers who may be actually engaged in teaching at the commencement of the session may, at the discretion of the Principal, be admitted to the Elementary School Class not later than the close of the Christmas vacation. No teacher-in-training admitted later than the 1st of October shall share in that part of the bursary fund which is distributed at Christmas.

In exceptional cases, candidates who are insufficient for entrance into the Model School by the Provincial Examination, but none shall be admitted to the semi-sessional examinations of the school. *(See Note c.)*

## II. PR

All teachers-in-training who have not fallen below the standard of the Provincial Examination, and all holders of diplomas of the Province of Quebec, Montreal, in a place more than ninety miles from the city, shall be exempt from travelling expenses.

All teachers-in-training who have not fallen below the standard of the Provincial Examination, and all holders of diplomas of the Province of Quebec, Montreal, in a place more than ninety miles from the city, shall be exempt from travelling expenses.

All holders of diplomas of the Province of Quebec, Montreal, in a place more than ninety miles from the city, shall be exempt from travelling expenses.



In exceptional cases the Principal of the Normal School may admit to the classes on trial persons whose qualifications may be insufficient for entrance. Such persons may be excluded from the School by the Principal whenever he may judge it best so to do ; but none shall be permitted to enter or to remain on trial after the semi-sessional examinations.

No candidate is admitted to the Normal School until the provisions of the school laws respecting admission have been fulfilled. (*See Note c.*)

## II. PRIVILEGE OF TEACHERS-IN-TRAINING.

All teachers-in-training are entitled to free tuition.

At the close of the semi-sessional examinations, the sum of \$400 from the bursary fund will be divided among the forty most successful pupils who do not reside at home with parents or guardians during their attendance at the school. Similarly the sum of \$800 will be divided at the close of the sessional examinations. The remainder of the bursary fund will be divided as an allowance for travelling expenses among teachers-in-training residing in the Province of Quebec at a distance of more than ninety miles from Montreal, in a proportion determined by the excess of distance above ninety miles, it being provided that no allowance for travelling expenses shall exceed ten dollars.

All teachers-in-training who pass the semi-sessional examinations in the Normal School with 60 per cent. of the total marks, and who have not fallen below 50 per cent. in any one of the groups of subjects, English, Mathematics, French and Miscellaneous, nor in any one of the subjects required by the Syllabus of Examination prescribed for diplomas of the grade to which they aspire, shall be entitled to continue in their classes after Christmas. Except by the special permission of the Principal, none other shall be entitled to this privilege nor to a share in the Christmas bursary.

All teachers-in-training, who attain the standards defined above at the final examinations of the Normal School, shall be entitled to diplomas of the grade of the class to which they belong, and except with the concurrence of the Principal of the school and the Professor of each subject in which there has been failure, none others shall receive diplomas or share in the bursary fund.

All holders of Elementary School diplomas obtained by reaching

the standards defined above shall be entitled to admission to the Model School Class, none others without the special permission of the Principal. Such holders of Elementary School diplomas as have taken not less than 75 per cent. of the total marks, nor less than 60 per cent. of those in any subject essential to the diploma, according to the Syllabus of Examination of the Protestant Committee of the Council of Public Instruction, shall be entitled to admission among the "selected students" mentioned in the following paragraph, but others may be so admitted by the Principal. (*See Note d.*)

### III. STUDENTS FOR THE ACADEMY DIPLOMA.

The Academy Class in the Normal School having been abolished for some years, Academy Diplomas *in course* are no longer given by the McGill Normal School; but under the regulations cited below, Academy Diplomas are granted to holders of Model School Diplomas from the Normal School who become undergraduates of the Universities.

1. The Normal School shall bring up selected students at the end of the Model School year to the examinations for the entrance into the first year of the Faculty of Arts of the Universities. They may be examined either at the examinations for the Associate in Arts in June or at those for the matriculation in autumn, and shall take the full course of study in the first and second years.

2. Such students shall be enrolled in the Normal School as students of the Academy Class, and shall be under the usual pledge to teach for three years. They shall engage in the practice of teaching at such times and in such schools as may be arranged by the Principal from time to time, in consistence with their college work, and shall be under the Principal and the regulations of the Normal School.

3. On report of the colleges which such students may be attending, that they have passed creditably in the Christmas and sessional examinations respectively, they shall be entitled to bursaries, not exceeding thirty dollars per session, in aid of fees and board. Such bursaries may be paid by the Normal School Committee out of any fund available for the purpose.

4. On passing the Universities, diplomas, in accordance with the Committee of the Council of Public Instruction.

5. Such students in the Normal School classes at McGill and the Normal School shall be entitled to bursaries as may be possible.

6. It shall be the duty of the Normal School to provide any tuition necessary for Academics in the case of optional students in the curriculum of the Universities.

7. It shall be the duty of the Normal School to grant diplomas as above mentioned to students who, on matriculation, or to return to the degree of Bachelor of Arts, shall fulfil their engagements for bursaries. (*See Note e.*)

Holders of Model School Diplomas who are certified by the Normal School to have taken 75 per cent. of the total marks, with not less than 60 per cent. in Latin and Greek, shall be exempted from the examination to the degree of Bachelor of Arts, but all such Students shall be required to matriculate at the Universities.

Teachers-in-training, as mentioned above, must, in order to be eligible for Matriculation, pass the examination for the degree of Bachelor of Arts.

Exemption from the first year will be granted to holders of Model School Diplomas, not being holders of the University on the highest aggregate of marks in the Normal School, as certified by the Normal School Committee.

4. On passing the intermediate, or equivalent, examinations of the Universities, such students will be entitled to receive Academy diplomas, in accordance with the regulations of the Protestant Committee of the Council of Public Instruction of such diplomas.

5. Such students may, with the advice of the Principal, attend classes at McGill or its affiliated colleges, or at Bishop's College, and the Normal School Committee shall make such arrangements as may be possible for free tuition at such colleges.

6. It shall be competent to the Principal of the Normal School to provide any tutorial assistance that may in his judgment be necessary for Academy students. Also, it shall be his duty in the case of optional studies to select for the students those required for the curriculum of the Normal School.

7. It shall be competent to students who have taken Academy diplomas as above to continue for two years longer at the University, or to return thereto, after teaching for a time, in order to take the degree of Bachelor of Arts ; but they shall be held bound to fulfil their engagements to teach, and they shall not be entitled to bursaries. (*See Note e.*)

Holders of Model School Diplomas of the McGill Normal School, who are certified by the Principal of the Normal School to have taken 75 per cent. of the total marks at their final examinations, with not less than 60 per cent. of the marks in Mathematics, French, Latin and Greek respectively, will be admitted without further examination to the first year in Arts of the McGill University, but all such Students must make good their standing in the University at the Christmas examinations.

Teachers-in-training, who do not attain the standard defined above, must, in order to enter the University, pass the usual examination for Matriculation.

Exemption from the payment of fees in McGill College for the first year will be granted to the three holders of Model School Diplomas, not being resident in Montreal, who, of all those entering the University on the conditions stated above, have gained the highest aggregate of marks at their final examinations in the Normal School, as certified by the Principal of the Normal School.



Exemption from fees in the second year will be granted to the three students entering from the Normal School, who, with creditable standing in all their examinations at the close of the first year in Arts, have taken the highest aggregate of marks of any Normal School Students of their year.

#### IV. CONDITIONS OF CONTINUANCE IN THE NORMAL SCHOOL.

Teachers-in-training guilty of drunkenness, of frequenting taverns, of entering disorderly houses or gambling houses, keeping company with disorderly persons, or committing any act of immorality or insubordination, shall be expelled.

Each professor shall have the power of excluding from his lectures any student who may be inattentive to his studies, or guilty of any minor infraction of the regulations, until the matter can be reported to the Principal. (*See Note c.*)

#### V. ATTENDANCE ON RELIGIOUS INSTRUCTION.

Teachers-in-training will be required to state with what religious denomination they are connected; and a list of the students connected with each denomination shall be furnished to one of the ministers of such denomination resident in Montreal, with the request that he will meet weekly with that portion of the teachers-in-training, or otherwise provide for their religious instruction. Every Thursday after four o'clock will be assigned for this purpose.

In addition to punctual attendance at weekly religious instruction each student will be required to attend public worship at his own church, at least once every Sunday.

#### VI. BOARDING HOUSES.

1. The teachers-in-training shall state the place of their residence; and those who cannot reside with their parents will be permitted to live in boarding houses, but in such only as shall be specially approved of. No boarding houses having permission to board male teachers-in-training will be permitted to receive female teachers-in-training as boarders, and *vice versa*. (*See Note g.*)

2. They are on no account to be absent from their lodgings after half-past nine o'clock in the evening.

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3. They will be allowed to attend such lectures and public meetings only as may be considered by the Principal conducive to their moral and mental improvement.

4. A copy of the regulations shall be sent to all keepers of lodging houses at the beginning of the session.

5. In case of lodgings being chosen by parents or guardians, a written statement of the parent or guardian shall be presented to the Principal.

6. All intended changes of lodgings shall be made known beforehand to the Principal or to one of the professors.

7. Boarding-houses shall be visited monthly by a committee of professors.

8. Special visitations shall be made in case of sickness being reported, either by professors or by ladies connected with the school; and, if necessary, medical attendance shall be procured.

9. Students and lodging house keepers are required to report, as soon as possible, all cases of serious illness and all infractions of rules touching boarding houses.

#### VII. ACADEMY DIPLOMAS TO GRADUATES.

*Granted under the Regulations of the Protestant Committee of the Council of Public Instruction.*

Graduates in Arts from any British or Canadian University, who have passed in Latin, Greek and French in the Degree Examinations, or who have taken at least second class standing in these subjects at their Intermediate Examinations, shall be entitled to receive first class Academy diplomas, provided that they have also taken a regular course in the Art of Teaching at the McGill Normal School, or other public training institution outside the Province, approved by the Protestant Committee.

Graduates who have not passed in French, as prescribed above, may, on application, be examined in that subject before the Principal of the McGill Normal School, and, if satisfactory, such examination shall be accepted in lieu of the prescribed standing in French in the University examinations.

To meet the requirements of Graduates and Undergraduates in Arts, who, not having previously taken a Normal School course, desire to receive Academy diplomas of the first class under regula-

tion 54, provision has been made for the delivery of a course of forty lectures on Pedagogy in the Normal School and for practice in teaching in the McGill Model School for forty half-days, open to Graduates in Arts of any British or Canadian University, to Undergraduates of the third year, and, with the permission of the Faculty and the concurrence of the Principal of the Normal School, to those of the fourth year.

Undergraduates will be permitted to teach the forty half-days referred to above, at times extending over the sessions of the Model School corresponding to the third and fourth years of their college course. Graduates will be permitted to teach in the Model Schools at such times as may be agreed on with the Principal.

All persons taking this course of study in the Normal School shall be held to be subject to the regulations of the said school, and to be under the supervision of its Principal while in attendance thereat.

Graduates who have taken the above course of study in Pedagogy, and the first class Academy diploma, may be entered, if so desired by them, in the published lists of the University as holders of such diplomas.

Undergraduates who hold Model School diplomas in course from the McGill Normal School, who take at least second class standing in Latin and Greek in the Intermediate Examination of the Universities, shall be entitled to receive first class Academy diplomas.

Teachers who hold (a) Academy diplomas granted before the 1st July, 1886, or (b) second class Academy diplomas granted under these regulations, and who produce satisfactory proof to the Protestant Committee that they have taught successfully for at least ten years, shall, when recommended by the Committee, be entitled to receive first class Academy diplomas.

Any candidate who presents to the Principal of the McGill Normal School, (a) the requisite certificates of age and of good moral character, according to Form No. 1 below, and (b) satisfactory certificates that he has complied with either of the foregoing regulations, shall be recommended by him to the Superintendent of Public Instruction for an Academy diploma, of the class to which he is entitled under these regulations.

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## VIII. NO

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(a) On application will be furnished with a certificate of good character for a Public School in the

(b) Teachers-in-training of a session must write a neat dictation without mistakes in spelling, punctuation, and the chief political work correctly examined.

(c) Teachers-in-training to the work of the school study or business during

There shall be no smoking while in school or when strictly prohibited from

Teachers in-training are expected to assign a certificate of failure of health, by

(d) The J. C. Wilsdon, shall be given to the Candidate who passes for a diploma examination of the year

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FORM OF CERTIFICATE OF CHARACTER TO BE SUBMITTED  
BY CANDIDATES FOR ACADEMY DIPLOMAS.

"This is to certify that I, the undersigned, have personally known and had opportunity of observing..... for the ..... last past; that during all such time his life and conduct have been without reproach, and I affirm that I believe him to be an upright, conscientious, and strictly sober man."

*This certificate must be signed by the Minister of the Congregation to which the Candidate belongs, and by two School Commissioners, or Trustees, or Visitors.*

VIII. NOTES ON THE PRECEDING REGULATIONS.

*Chiefly extracted from the By-Laws of the McGill Normal School.*

(a) On application to the Principal of the School, candidates for admission will be furnished with forms of application, containing the required forms of certificate of good character and of agreement to teach for three years in some Public School in the Province of Quebec.

(b) Teachers-in-training admitted to the Elementary School class at the beginning of a session must be able to parse correctly a simple English sentence; to write a neat dictation from any school reader, with no more than five per cent. of mistakes in spelling, in the use of capitals, and in the division of words into syllables; to give the names and state the positions of the continents, of the oceans, of the greater islands, peninsulas, capes, mountains, gulfs, bays, straits, lakes, rivers, and the chief political divisions and most important cities of the world; and to work correctly examples in the simple rules of arithmetic and in fractions.

(c) Teachers-in-training are expected to give their whole time and attention to the work of the school, and are not permitted to engage in any other course of study or business during the session of the school.

There shall be no intercourse between male and female teachers-in-training while in school or when going to or returning from it. Teachers of one sex are strictly prohibited from visiting those of the other.

Teachers in-training who leave the Normal School in the middle of a session are expected to assign to the Principal satisfactory reasons, accompanied, in case of failure of health, by medical certificates.

(d) The J. C. Wilson prize of forty dollars and a book, annually chosen by the donor, shall be given to that teacher in-training of the Elementary School class who passes for a diploma, and takes the highest aggregate of marks at the final examination of the year.

The Prince of Wales' medal and prize shall be given to that teacher-in-training of the Model School class who passes for a diploma, and takes the highest aggregate of marks at the final examination of the year.

(e) In order to be recognized as teachers-in-training for the Academy diploma Students who have fulfilled the conditions stated in the regulations of the Protestant Committee of the Council of Public Instruction must apply at the beginning of each collegiate year to the Principal of the Normal School for enrolment, and for certificates of enrolment to be presented to the Dean of the Faculty of Arts. Having entered college, they must report to the Principal of the Normal School from time to time, as he may require, and must furnish him with certificates of having successfully passed their several examinations, without which certificates, signed by the Dean of the Faculty or his representative, no bursaries shall be paid. It is held by the Normal School that no student who has passed lower than the second class in any two of the subjects:—Mathematics, Latin, Greek and French, or who has failed in any one of these subjects, has passed “creditably” at any college examination.

(f) The date of the examination of graduates in Arts for Academy diplomas shall be the 20th day of May, or the school day next succeeding that date; the hours shall be from 10 a.m. to 12 noon.

(g) No boarding house is attached to the institution, but every care will be taken to ensure the comfort and good conduct of the Students in private boarding houses approved by the Principal, who will furnish lists to applicants for admission. Board can be obtained at from \$12 to \$16 per month.

#### IX. COURSE OF STUDY.

N.B. —The subjoined Course of Study has been designed, and all instruction in it is given with express reference to the work of teaching.

##### 1. ELEMENTARY SCHOOL CLASS, STUDYING FOR THE ELEMENTARY SCHOOL DIPLOMA.

With the view of accommodating teachers actually in charge of schools at the commencement of the Session, and whose previous education may enable them to enter at a more advanced period, the course of study in this class is divided into terms as follows:—

FIRST TERM, from September 1st to December 3rd.

(Entrance Examination as stated above.)

*English.*—The structure of sentences. Orthography and orthoepy. Penmanship. The study of Milton's *L'Allegro*, and the Sermon on the Mount, Matt. V, VI and VII.

*Geography.*—General view of continents and oceans. North and South America. *Eléments de Géographie moderne.*

*History.*—  
*Arithmetic.*  
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- History*.—Outline of general history. Histoire du Canada, en français.
- Arithmetic*.—Simple and compound rules.
- Algebra*.—The elementary rules.
- Geometry*.—Elementary notions, with Mensuration.
- French*.—Darey's Principes de Grammaire Francaise to page 50, with verbs of first conjugation. Méthode naturelle.
- Botany*.—High School Botany, Spotten.
- Chemistry*.—Lectures.
- Reading and Elocution*.
- Drawing*.—Elements, simple outlines and map drawing.
- Music*.—Vocal music with part songs. Junior Certificate of Tonic Sol-Fa College.
- Art of Teaching*.—Lectures on school organization and discipline, and on methods of teaching particular subjects.

SECOND TERM, January 6th to end of Session.

(No pupils will be received after the commencement of this term. Those who enter must pass the examination of the class in the work detailed above.)

*English*.—Structure of words and sentences. Etymology, derivation and syntax. Study of Macaulay's Essay on Milton and of Goldsmith's Deserted Village.

*Geography*.—Contour, elevations, river systems, political divisions and chief cities of the Old World.

*History*.—Sacred. Histoire du Canada continuée.

*Arithmetic*.—Fractions, Decimals, Proportion, Interest, Properties of Numbers.

*Book-keeping*.—Single Entry.

*Algebra*.—Simple equations of one unknown quantity, with problems.

*Geometry*.—First book of Euclid, with deductions.

*Art of Teaching*.—Lectures continued.

*French*.—Principes de Grammaire Francaise, page 100, with verbs regular and irregular. Méthode naturelle.

*Botany*.—High School Botany, Spotten.

*Physiology and Hygiene*.—Lectures.

*Reading and Elocution*.

*Drawing*.—Freehand drawing from the solid, and elements of perspective.

*Music*.—Elements of vocal music and part songs. Elementary Certificate of Tonic Sol-Fa College.

*Practice in Teaching* in the McGill Model Schools, as directed by the Principal.

*Religious Instruction* will be given throughout the Session.

In addition to the text-books named above, each Student of the Elementary School Class must be provided with an Atlas of recent date, an Arithmetic, an Algebra and a Euclid.



## 2. MODEL SCHOOL CLASS, STUDYING FOR THE MODEL SCHOOL DIPLOMA.

*Students entering the School in this second year must have passed a satisfactory examination in the subjects of the Elementary School Class. The Class will pursue its studies throughout the Session, without division into terms.*

*English.*—Principles of grammar and composition. Style. History of the English Language. Study of Shakespeare's *Tempest*, Scott's *Lady of the Lake*, Tennyson's *Lotus Eaters*.

*Geography.*—Mathematical and physical. Use of the globes.

*History.*—Rome, England.

*Art of Teaching.*—Lectures on school organization and discipline, and on methods of teaching particular subjects.

*Arithmetic.*—Commercial arithmetic. Logarithms.

*Book-keeping.*—Double entry.

*Algebra.*—Equations of more than one unknown quantity, and quadratics.

*Geometry.*—Second, third and fourth books of Euclid, with application to mensuration.

*Object Lessons.*

*Latin.*—Grammar, Cæsar, Gallic War, Book I.

*French.*—Translation from French into English, and from English into French. Darey's *Principes de Grammaire*. *Eléments de Littérature française*, *Lecture française*, *Méthode Berlitz*, *Histoire de France*.

*Agricultural Science.*—Principles, especially chemical and botanical, and application to Canadian agriculture.

*Elocution.*

*Drawing.*—Elements of perspective, drawing from the cast and map drawing.

*Music.*—Instrumental music, part songs and rudiments of harmony. Intermediate Certificate of Tonic Sol-Fa College.

*Practice in Teaching.*—In the McGill Model Schools, as directed by the Principal.

*Religious Instruction* throughout the Session.

Such Students as, from their conspicuous ability and preparation, may be selected to enter the Academy Class of the Normal School, will, in addition to the work given above, read Xenophon, *Anabasis*, Book I., and Virgil, *Æneid*, Book I., with special attention to Greek and Latin Grammar.

Other Students of exceptional ability may, with the consent of the Principal and the Professors of the several subjects, choose one of the following courses of extra study:—

(a) Mathematics : Trigonometry.

(b) Old English.

(c) French : classiques françaises, composition et grammaire.

(d) Drawing : water-color.

(e) Music : violin.

In addition to School Class must Dawson's Scientific

## 3. ACADEMY CLASS

Will follow the colleges, or that of the Normal School exceeding \$30 per annum. Such Student by the Principal of the

The course for the year is:—

*Greek.*—Homer, *Studies in History and Latin.*—Cicero, *tion at sight. Studies*

*Mathematics.*—Algebra, *tic Equations. Plane*

*English Language.*—*lecture a week; English*

*Second term.*—Mathematics, *in continuation of previous* present an outline of Elizabethan inclusive.

The course for the year is:—

*Greek.*—Plato, Aristotle, *Latin.*—Horace, *tion at sight, and Latin*

*Mathematics.*—Algebra, *Logarithms. Plane Trigonometry*

*Mathematical Physics.*—*English Literature.*

Shakespeare. During the century. Shakespeare, *Lynette.*

*Psychology and Logic.*—*Murray's Handbook of*

*Book*:—Jevon's *Elementary*

*French.*—Ponsard, *Précis de Littérature Française*

*Translation into French: exercises.*

In addition to the text-books named above, each Student of the Model School Class must be provided with an Arithmetic, an Algebra, a Euclid, and Dawson's Scientific Agriculture.

### 3. ACADEMY CLASS, STUDYING FOR THE ACADEMY DIPLOMA.

Will follow two years the course of McGill University and its affiliated colleges, or that of Bishop's College, Lennoxville, being enrolled on the books of the Normal School, and receiving a bursary from the Normal School, not exceeding \$30 per annum, and such tutorial assistance as may be deemed necessary. Such Students must take in their courses such options only as are approved by the Principal of the Normal School.

The course for the current year in McGill College, for first year Students, is :—

*Greek*.—Homer, Iliad, Book XXII. Xenophon, Hellenics, Book I. Studies in History and Literature.

*Latin*.—Cicero, De Amicitia. Virgil, Æneid, Bks. II. and III.—Translation at sight. Studies in History and Literature. Latin Prose Composition.

*Mathematics*.—Arithmetic. Euclid, six books. Algebra to end of Quadratic Equations. Plane Trigonometry, in part.

*English Language and Literature*.—First term. English Composition, one lecture a week; English Literature, two lectures a week.

Second term.—Milton's Comus, one lecture a week. English Literature, in continuation of previous course, two lectures a week. The whole course will present an outline of English Literature from the Anglo-Saxon period to the Elizabethan inclusive.

The course for second year Students is :—

*Greek*.—Plato, Apology. Æschylus, Prometheus Vinctus. History of Greece.

*Latin*.—Horace, Epistles, Bk. I., 1, 2 and 6. Livy, Bk. XXI. Translation at sight, and Latin Prose Composition.

*Mathematics*.—Arithmetic, Euclid, Algebra and Trigonometry as before. Logarithms. Plane Trigonometry, including solution of triangles and applications.

*Mathematical Physics*.—Mechanics, one lecture a week.

*English Literature*.—A period of English Literature and one play of Shakspeare. During the session of 1894-95: The leading poets of the nineteenth century. Shakspeare, A Midsummer Night's Dream. Tennyson, Gareth and Lynette.

*Psychology and Logic*.—First Term, Elementary Psychology (*Text-Book*: Murray's Handbook of Psychology, book I). Second Term, Logic (*Text-Book*:—Jevon's Elementary Lessons in Logic).

*French*.—Ponsard, l'Honneur et l'Argent. Racine, Esther. Contanseau, Précis de Littérature Française depuis son origine jusqu'à la fin du XVIIIe siècle. Translation into French :—Dr. Johnson, Rasselas. Dictation. Parsing. Colloquial exercises.

The course in Bishop's College for the current year is :—

*Greek.*—Euripides, Hippolytus ; Xenophon, Memorabilia III.

*Latin.*—Horace, Odes II ; Cicero, pro Roscio.

*English.*—Rhetoric and Grammatical Analysis, with a course of Lectures on English Literature.

*History.*—Greek and Roman.

*French.*—Translation, Grammar and Composition.

*Mathematics.*—Euclid, Books I., II., III., IV., VI. and XI. Algebra to Progressions. Arithmetic.

*Physics.*—Balfour Stewart's Elementary.

#### SYLLABUS OF LECTURES ON PEDAGOGY.

(Open to Graduates and Undergraduates.)

##### THE LEGAL POSITION OF THE TEACHER.

1. The organization of Public Instruction in Quebec. 2. The relation of the teacher to the Department of Public Instruction and to the Protestant Committee of the Council of Public Instruction. 3. The relation of the teacher to school commissioners and parents. 4. The relation of the teacher to pupils. 5. The teacher as a member of a profession.

##### DISCIPLINE.

6. Discipline as a means of immediate pleasure to pupils. 7. Discipline as tending to school success. 8. Discipline as a preparation for life. 9. Discipline developing character. 10. Discipline enforced by authority.

##### INSTRUCTION IN SPECIAL SUBJECTS.

11. English reading, writing, grammar. 12. Literature, composition. 13. French. 14. The classics. 15. Number ; arithmetic and algebra. 16. Form ; geometry. Number and form ; trigonometry and mensuration. 17. Geography and history. 18. Botany and chemistry. 19. Drawing and music. 20. The acquisition of general knowledge.

##### PHYSICAL DEVELOPMENT.

21. Health. 22. Growth. 23. The training of the eye. 24. The training of the ear. 25. The training of the hand.

##### MENTAL DEVELOPMENT.

26. The training of the analytic faculty. 27. Observation and experiment. 28. The training of the synthetic faculty. 29. Understanding. 30. Judgment and reason. 31. Invention. 32. Imagination. 33. Memory of sensations. 34. Memory of conception. 35. Verbal memory.

36. Training in  
and patriotism.

#### MODEL SCHOOL

Boys' School  
Elizabeth  
Emma  
Girls' School  
Selina F  
Ethel S  
Gertrude  
Primary  
Annie L  
Clara L  
Louise I

These Schools  
with the best  
modern methods  
four and upward  
Boys' and Girls'  
School and kind



## MORAL DEVELOPMENT.

36. Training in truthfulness. 37. In justice and purity. 38. In philanthropy and patriotism. 39. In earnestness. 40. In good manners.

## MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL.

Boys' School—Orrin Rexford, B.Sc., *Head Master*.

Elizabeth Reid,  
Emma M. Williams, } *Assistants.*

Girls' School.—Mary J. Peebles, *Head Mistress*.

Selina F. Sloan,  
Ethel Stuart,  
Gertrude Blackett, } *Assistants.*

Primary School—Lucy H. Derick, *Head Mistress*.

Annie L. Woodington,  
Clara L. Douglas, } *Assistants.*

Louise Derick, *Kindergarsen*.

These Schools can accommodate about 400 pupils, are supplied with the best furniture and apparatus, and conducted on the most modern methods of teaching. They receive pupils from the age of four and upwards, and give a thorough English education. Fees : Boys' and Girls' Model Schools \$1.00 to \$1.50 per month ; Primary School and Kindergarten, 75c. ; payable monthly in advance.

# University School Examinations.

1895.

## FOR CERTIFICATES OF THE UNIVERSITIES AND THE TITLE OF ASSOCIATES IN ARTS.

HELD UNDER THE SUPERINTENDENCE OF MCGILL UNIVERSITY, MONTREAL,  
AND THE UNIVERSITY OF BISHOP'S COLLEGE, LENNOXVILLE; AND RECOG-  
NIZED BY THE PROTESTANT COMMITTEE OF THE COUNCIL OF PUBLIC  
INSTRUCTION.

These Examinations are held in Montreal and at Lennoxville; and local centres  
may be appointed elsewhere on application to the Principal of either University,  
accompanied with the names of satisfactory Deputy Examiners, and guarantee for  
the payment of necessary expenses.

The Examinations are open to Boys or Girls from any Canadian school.

### PART I.—ORDINARY A. A.

#### SUBJECTS OF EXAMINATION.

##### I. PRELIMINARY SUBJECTS,

*Writing.*

*English Dictation.*

*English Grammar, including Easy Analysis.*

*Arithmetic* (all the ordinary rules, including Square Root and a knowledge  
of the Metric System).

*Geography* (acquaintance with the maps of each of the four continents, and of  
British North America).

*British History and Canadian History.*

*New Testament History\** (Gospels and Acts, as in Maclear).

\*Candidates will be exempted from examination in this subject only if their parents  
or guardians make written objection thereto. In such case an alternative subject may  
be required in 1895 and thereafter, particulars of which may be had on application to  
the Secretary.

#### *Latin :—*

\* Caesar.—Bell. C.  
Virgil.—Aeneid,  
Latin Grammar  
Latin Compos  
Translation at si

#### *Greek :—*

Xenophon.—Ana  
Homer.—Iliad, I  
Greek Grammar.

#### *French :—*

Grammar and Di  
Darey's Lectures  
Re-translation, E

#### *German :—*

Grammar.  
Adler's Reader, S  
Translation from t

#### *Geometry :—*

Euclid, I., II., III

#### *Algebra :—*

Elementary Rules,  
Surds, Simple &  
unknown quantit

#### *Plane Trigonometry :—*

(As in Hamblin-Sr

#### *The English Language*

Meiklejohn's Englis  
Trench's Study of V

\* In 1896 Bk. II. of Ca

II. OPTIONAL SUBJECTS.

Section 1.—Languages.

*Latin* :—

* Caesar.—Bell. Gall., Bk. I.	}	200 marks
Virgil.—Aeneid, Bk. I.		
Latin Grammar and Prose Composition (Collar's Practical		
Latin Composition, Part III, Book I., or an equivalent).		
Translation at sight from easier Latin authors.		

*Greek* :—

Xenophon.—Anabasis, Bk. I.	}	200 do
Homer.—Iliad, Bk. IV.		
Greek Grammar.		

*French* :—

Grammar and Dictation.	}	100 do
Darey's Lectures Françaises (selected extracts).		
Re-translation, English into French.		

*German* :—

Grammar.	}	100 do
Adler's Reader, Sections I. and II.		
Translation from German into English.		

Section 2.—Mathematics.

*Geometry* :—

Euclid, I., II., III, with easy Deductions.....	100 do
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*Algebra* :—

Elementary Rules, Involution, Evolution, Fractions, Indices,	}	100 do
Surds, Simple and Quadratic Equations of one or more		
unknown quantities.		

*Plane Trigonometry* :—

(As in Hamblin-Smith, pp. 1-100, omitting Ch. XI).	100 do
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Section 3.—English.

*The English Language* :—

Meiklejohn's English Language, Parts I., II., III.	}	100 do
Trench's Study of Words.		

\* In 1896 Bk. II. of Caesar, Bell. Gall., may also be required.

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*English Literature* :—

Meiklejohn's English Language, Pt. IV.	}	100	do
Shakspeare, Julius Caesar.			
Scott's Lady of the Lake.			
<i>History</i> .—(as in Primers of Greece and Rome, and Collier's Great Events).....	}	100	marks
<i>Geography</i> .—Physical, Political and Commercial.....		100	do

**Section 4.—Natural and Physical Sciences, etc.**

<i>Zoology</i> (as in Nicholson's Introductory Text-Book).....	100	do
<i>Botany</i> * (as in Spotton's High School Botany, with Penhallow's Guide to the Collection of Plants, and Blanks for Plant Descriptions†) .....	100	do
<i>Chemistry</i> (as in Remsen's Elements of Chemistry, pp. 1 to 160)..	100	do
<i>Physiology and Hygiene</i> (as in Cutter's Intermediate).....	100	do
<i>Physics</i> (as in Gage and Fessenden's High School Physics, Chapters I., II., III.).....	100	do
<i>Geometrical and Freehand Drawing</i> .....	100	do
<i>Geometrical</i> .—Vere Foster R <sup>1</sup> and R <sup>2</sup> , also problems 119 to 129 of R <sup>3</sup> .		
<i>Freehand</i> .—Rules of Perspective, Drawing from the object (as in the Dominion Freehand Drawing books, numbers 1 to 5, inclusive).		

**REGULATIONS.**

1. To obtain the Certificate of Associate in Arts, Candidates must pass in all the Preliminary subjects, and also in any six of the Optional subjects, provided that the six include one subject at least from each of the four Sections.

2. In addition to the six Optional subjects selected for passing, Candidates may take other Optional subjects, but the total possible number of marks obtainable in all the Optional subjects chosen must not exceed 1000.

3. Candidates will not be considered as having passed in any subject, unless they have obtained at least 40 per cent. of the total number of marks obtainable in that subject.‡

\* In connection with the Botany examination, marks will be given for collections of mounted specimens made in accordance with Penhallow's Guide to the Collection of Plants. The Head Teacher of each school will forward with the answers a specimen from each pupil's collection, and also (on a furnished form) a detailed statement as to the collections made. Not more than 50 specimens will be expected to constitute a collection, and marks may be allowed *pro rata* for fewer.

† These Blanks may be obtained from booksellers in Montreal or elsewhere.

‡ When two or more books or subjects are prescribed for one examination it is necessary to pass in each. Candidates will not be allowed to pass in the Preliminary Grammar, unless they show a satisfactory knowledge of Syntax (Parsing, Analysis, and questions connected therewith). In Classics, at least one-third of the marks allotted to grammar must be obtained.

4. The total number of marks for all subjects shall be added up and a list at the close of the first day of June being counted if the Candidate has passed.

5. Candidates who have passed in the subject shall be considered for special mention of the Head Master.

6. Candidates who have passed in the Preliminary Examinations may, without special mention, be recommended for Applied Science. (See Regulation 10.)

7. Candidates who have passed in the Preliminary Examination, may be recommended for the examination, made by the Head Master.

8. Candidates who have passed in the Preliminary Examination, take the examination, made by the Head Master.

9. The Head Master shall determine the dates and ages of the pupils to be examined.

10. The examination shall be held on the first day of June.

11. Lists of the names of the candidates, together with a list of the marks obtained, shall be sent to the Secretary, McGill University, in duplicate copies of the regulation books.

Extracts from Darcy's Report.

Extracts beginning on pages 74, 76, 85, 87, 92, 94, 95, 162, 166, 169, 176, 179.

NOTE 1.—No fees will be charged under the control of the University. Candidates who pass in the Preliminary Examination, shall be recommended for the examination, made by the Head Master.

Candidates who pass in the Preliminary Examination, shall be recommended for the examination, made by the Head Master.

The answers must be sent to the Secretary, McGill University, in duplicate copies of the regulation books.

The complete regulations for the examination, together with reference to the English Secretary, shall be sent to the Secretary, McGill University, in duplicate copies of the regulation books.

NOTE 2.—MATRICULATION.

*In Arts*.—Greek, Latin and English Grammar, British and American.

4. The total number of marks gained by every Candidate in the Optional subjects shall be added up, and the Candidates arranged in order of merit in a printed list at the close of the Examination, those who are over 18 years of age on the first day of June being in a separate list. The marks in any subject shall not be counted if the Candidate has obtained less than 40 per cent. in that subject.

5. Candidates who obtain at least 75 per cent. of the marks in any Optional subject shall be considered as having answered creditably in that subject, and special mention of the same will be made in the Associate in Arts Certificate.

6. Candidates who pass in the subjects of the University Matriculation Examinations may, without further examination, enter the Faculties of Arts and Applied Science. (See Note 2 *infra*.)

7. Candidates who fail, or who may be prevented by illness from completing their examination, may come up at the next examination without extra fee.

8. Candidates who pass in all the Preliminary subjects may, at any subsequent examination, take the Optional subjects only, and without extra fee.

9. The Head Master or Mistress of each school must certify to the character and ages of the pupils sent up for examination.

10. The examinations will begin on Monday, June 3rd, at 9 a.m.

11. Lists of the names, ages, and Optional subjects to be taken by the Candidates, together with a fee of \$4 for each Candidate, must be transmitted to the Secretary, McGill University, Montreal, on or before May 1st. (Blank forms and copies of the regulations will be furnished on application.)

Extracts from Darey's Lectures Françaises, for the examination of 1895.

Extracts beginning on pp. 10, 13, 15, 20, 32, 33, 37, 42, 47, 51, 56, 63, 68, 74, 76, 85, 87, 92, 94, 99, 103, 110, 118, 125, 129, 133, 144, 149, 151, 156, 158, 162, 166, 169, 176, 179, 182, 196, 215.

NOTE 1.—No fees will be exacted for the examination of pupils of Academies under the control of the Protestant Committee; but in order to obtain the certificate from the Universities, the prescribed fee, viz., \$4, must be paid to the Secretary of the University Examiners.

Candidates who pass Grade II of the Academy Course of Study will be exempted from the Preliminary Subjects of the A.A. Examination.

The answers must be written in the answer books, specially made for the purpose under the direction of the Board of Examiners.

The complete regulations of the Protestant Committee of the Council of Public Instruction with reference to these examinations may be obtained on application to the English Secretary, Department of Public Instruction, Quebec.

NOTE 2.—MATRICULATION SUBJECTS REFERRED TO IN REG. 6.

*In Arts*.—Greek, Latin, Geometry, Algebra, Arithmetic, English Dictation, English Grammar, British History. (Women may substitute French for Greek.)

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*In Applied Science.*—Geometry (Euclid, Bks. I. to IV., VI., and definitions of Bk. V.), Algebra, Trigonometry, Arithmetic, English Dictation, English Grammar, British History.

After entrance in Arts or Applied Science, French or German must be studied. In the former subject an entrance examination is required, but may be passed either in June or in September; Candidates who are unable to pass must study German after entrance. Women who omit Greek must pass the entrance examination in French, and afterwards study both French and German. (In 1895 and afterwards, women must pass in Greek or German.)

[Matriculation Examinations are also held at the opening of the University Session in September. See Calendars of the Universities.]

## PART II.—ADVANCED A.A.

### SUBJECTS OF EXAMINATION.

#### I. PRELIMINARY SUBJECTS.

As under Part I.

#### II. OPTIONAL SUBJECTS.

##### Section 1.—Languages.

###### *Latin* :—

Virgil.—Aeneid, I.

Cicero.—In Catilinam, I. and II.

Grammar, Prose Composition (Collar's Practical Latin Composition, Parts III. and IV.), and Translation at sight from Caesar and Nepos.

###### *Greek* :—

Xenophon.—Anabasis, I. and II.

Homer.—Iliad, IV., and Odyssey, VII.

Grammar and Prose Composition (Abbott's Arnold's Greek Prose Composition, Exercises 1 to 25).

###### *French* :—

Lamartine, Jeanne d'Arc.

Molière, Le Bourgeois Gentilhomme.

Translation at sight from French into English, and from English into French.

Grammar and Dictation.

###### *German* :—

Lessing, Emilia Galotti.

Schiller, Der Kampf mit dem Drachen.

Grammar and translation from English into German.

###### *Geometry* :—

Euclid, Bks.

###### *Algebra* :—

To the end of

###### *Trigonometry* :—

As in Hamblin

###### *The English Language*

Lounsbury's History

Mason's English

A Composition.

###### *English Literature* :

Meiklejohn's English

The Elizabethan

Milton's Paradise

###### *History* :—

Grecian History.

Roman History.

Tiberius.

English History.

Short History.

##### Section 4—

###### *Botany*.—Gray's Text-Book

General Morphology

exclusive of Thales

Credit will be given

###### *Chemistry*.—Inorganic, and

Also, an examination

at Lennoxville).

###### *Physics*.—As in Gage and

Also, an examination

Lennoxville).

###### *Drawing*.—Orthographic

Drawings and Sections,



## Section 2.—Mathematics

*Geometry* :—

Euclid, Bks. I. to IV., Defins. of Bk. V., Bk. VI.

*Algebra* :—

To the end of Progressions.

*Trigonometry* :—

As in Hamblin Smith (the whole).

## Section 3.—English.

*The English Language* :—

Lounsbury's History of the English Language.

Mason's English Grammar.

A Composition.

*English Literature* :—

Meiklejohn's English Language, Pt. IV.

The Elizabethan Period (Morley's First Sketch).

Milton's Paradise Lost, Bks. I. and II.

*History* :—

Grecian History.—The Persian and Peloponnesian Wars.

Roman History.—From the Wars of Marius and Sulla to the death of Tiberius.

English History.—The Reformation and Puritan England, as in Green's Short History.

## Section 4.—Natural and Physical Sciences, etc.

*Botany*.—Gray's Text-Book.

General Morphology and Classification, Determination of Canadian Species, exclusive of Thallophytes. Distribution of Orders represented in Canada.

Credit will be given for collections of plants as under Part I.

*Chemistry*.—Inorganic, as in Remsen's Elements.

Also, an examination in Practical Work (to be held only in Montreal and at Lennoxville).

*Physics*.—As in Gage and Fessenden's High School Physics.

Also, an examination in Practical Work (to be held only in Montreal and at Lennoxville).

*Drawing*.—Orthographic Projection, including Simple Penetrations, Developments and Sections, as in Davidson's Orthographic Projection.

## REGULATIONS.

The Regulations of Part I., with the following modifications and additions, will apply to the advanced subjects :—

1. Candidates who pass in six of the advanced subjects (including one at least from each of the four Sections) will receive an Advanced A.A. certificate. The number of marks given to each subject will be the same as in Part I., and additional advanced subjects may be taken as in Reg. 2, Part I.

2. Candidates who fail in one or more of the subjects required for the advanced A.A. may, on the recommendation of the Examiners, be given an ordinary A.A. certificate.

3. The examinations in the advanced subjects will be held at the same time and in the same manner as those in the ordinary subjects. They will be open to all who have already passed in the preliminary subjects, whether they have taken the ordinary A.A. or not. The preliminary subjects must be taken either one or two years before the advanced subjects.

4. Candidates who pass the advanced examinations in Greek, Latin, Geometry, Algebra, and English Language\* shall be considered as having passed the Higher Matriculation Examination of the First Year in Arts, McGill University.

5. Candidates must, before May 1st, give notice of intention to present themselves for the examination, specifying the optional subjects in which they wish to be examined.

6. The ordinary fee of \$4.00 must be paid before taking the preliminary subjects, and an additional fee of \$10 at the time of making application for the advanced examinations.† A Candidate who fails to pass the Advanced A.A. Examination shall be required to pay a fee of \$5 for every subsequent Advanced A.A. Examination at which he may present himself.

\*French as in Part I., Note 2.

† Candidates from Academies under the control of the Protestant Committee of the Council of Public Instruction are exempt from the former fee, but not from the latter.

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No.

2. David Walter  
1. James Norris

No

77. Kate Elizabeth  
Montreal),  
66. Robt. Childs  
96. Muriel B. Carr  
67. William A. Ga  
69. Arnold Wainw  
93. Ethel M. Seifer  
30. Abraham Vinel  
173. Archibald H. M  
3. Percy Butler (F  
13. Thomas Jenkins  
38. Charlotte Houst  
29. Leonard Thoma  
70. Angus T. W. D  
136. Daisy Brodie (C  
75. Beatrice William  
160. Mary L. Stimps  
34. Gertrude W. Bra  
78. Lucy E. Potter (F  
6. John W. Costigau  
63. John H. Evans (C  
236. Norman H. Slacl  
26. Moses Ship (Hig  
121. James E. Thomps

LIST  
OF  
SUCCESSFUL CANDIDATES

STANDING IN EXAMINATIONS, 1894.

ADVANCED ASSOCIATES IN ARTS.

No.	MARKS*
2. David Walter Munn (Quebec High School),	759
1. James Norris (Montreal Collegiate Institute),	707

ASSOCIATES IN ARTS.

*I. Under 18 years of age.*

No	MARKS.
77. Kate Elizabeth Paterson (Miss Symmers' and Miss Smith's School, Montreal),	853
66. Robt. Childs Paterson (Collegiate Institute, Montreal),	838
96. Muriel B. Carr (Girls' High School, St. John, N.B.),	830
67. William A. Gardner (Huntingdon Academy),	786
69. Arnold Wainwright (Collegiate Institute, Montreal),	777
93. Ethel M. Seifert (Girls' High School, Quebec),	765
30. Abraham Vineberg (High School, Montreal),	754
173. Archibald H. McLaren (Huntingdon Academy),	737
3. Percy Butler (High School, Montreal),	731
13. Thomas Jenkins (High School, Montreal),	728
38. Charlotte Houston (Girls' High School, Montreal),	726
29. Leonard Thomas (High School, Montreal),	723
70. Angus T. W. Davis (Abingdon School, Montreal),	710
136. Daisy Brodie (Cote St. Antoine Academy),	708
75. Beatrice Williamson (Trafalgar Institute, Montreal),	707
160. Mary L. Stimpson (Granby Academy),	701
34. Gertrude W. Brandt (Girls' High School, Montreal),	699
78. Lucy E. Potter (Miss Symmers' and Miss Smith's School, Montreal),	697
6. John W. Costigan (High School, Montreal),	695
63. John H. Evans (Collegiate Institute, Montreal),	684
236. Norman H. Slack (Waterloo Academy),	680
26. Moses Ship (High School, Montreal),	679
121. James E. Thompson (Coaticook Academy),	674



No.		Marks.
8.	James H. Davidson, (High School, Montreal),	} equal, 667
101.	Maud Gibson (Girls' High School, St. John, N.B.),	
106.	Laura Parks (Girls' High School, St. John, N.B.),	
14.	John M. Leney (High School, Montreal),	661
56.	John Campbell (Collegiate Institute, Montreal),	} equal, 648
122.	Elizabeth J. Church (Compton Ladies' College),	
166.	Wilhelmina Fortune (Huntingdon Academy),	} equal, 647
224.	Emily Anderson (Sutton Academy),	
73.	Frances Cameron (Trafalgar Institute, Montreal),	646
186.	Minnie I. Gordon (Lachute Academy),	} equal, 643
210.	Edson G. Place (Stanstead Wesleyan College),	
31.	Charles A. Waterous (High School, Montreal),	639
47.	Katie C. Pearson (Girls' High School, Montreal),	} equal, 637
61.	Alexander H. Duff (Collegiate Institute, Montreal),	
187.	Maude I. M. Newton (Lachute Academy),	} equal, 631
231.	Grace L. Codd (Waterloo Academy),	
232.	Malcolm M. Libby (Waterloo Academy),	630
39.	Florence Jordan (Girls' High School, Montreal),	627
19.	Ernest McConnell <sup>1</sup> (High School, Montreal),	626
9.	Archibald Gilday (High School, Montreal),	} equal, 624
109.	Gerbrand E. V. Howard (Aylmer Academy),	
35.	Florence L. Copland (Girls' High School, Montreal),	621
71.	Randolph B. Mackenzie (Abingdon School, Montreal),	605
56.	William G. Bishop (Collegiate Institute, Montreal),	604
235.	Myrtle M. Phelps (Waterloo Academy),	602
138.	W. Scott Hutchinson (Cote St. Antoine Academy),	599
179.	Jennie G. Bracken (Inverness Academy),	595
87.	Mabel Dobbel (Girls' High School, Quebec),	585
74.	Gertrude Franchot (Trafalgar Institute, Montreal),	584
94.	Annie Smith (Girls' High School, Quebec),	577
127.	Nellie E. Kilton (Cookshire Model School),	560
120.	Albert E. Snyder (Coaticook Academy),	556
119.	F. Frederika Ryckman (Coaticook Academy),	554
197.	Rebecca L. Avery (Sherbrooke Girls' Academy),	552
23.	John E. Radford (High School, Montreal),	550
142.	MacIver Terrill (Cote St. Antoine Academy),	549
45.	Christian C. Murphy (Girls' High School, Montreal),	} equal, 547
115.	Euphan E. Doak (Coaticook Academy)	
161.	Alfred Swift (Granby Academy),	545
158.	Marion H. Gill (Granby Academy),	539
52.	Florence Thompson (Girls' High School, Montreal),	537
81.	Henry A. Collins (St. John the Evangelist's School, Montreal),	536
17.	Percy Luttrell (High School, Montreal),	521
15.	Forrester Leslie (High School, Montreal),	} equal, 520
139.	Arthur Jarvis (Cote St. Antoine Academy)	

No.	
60.	Frederick C. D
143.	Saidié Tighe (C
5.	Herbert Clarke
18.	Walter H. Lynn
49.	Lena M. Reid (
54.	Annie E. Wilsc
156.	Cora M. Dunca
135.	Robert Angus (
124.	Edith L. Ives (
50.	Anna M. Scrin
48.	Jessie L. Peders
141.	William Phillip
240.	Lilian F. Swans
202.	Lizzie Sangster
159.	Joseph Lippiatt
212.	Laura Rugg (St
216.	Edith Simpson (
174.	William S. McI
65.	Frank A. C. Ma
41.	Josephine Macar
162.	William F. Vitti
180.	Maud Hanran (
118.	Winifred E, Nur
16.	Fred. Locker (H
181.	Lena Marsh (Kr
7.	Fred. Cowans (F
198.	Agnes R. Edwar
113.	Minnie B. Sulley
155.	Lottie Ball (Gra
189.	Jessie C. Walker
117.	Maud G. McKee
76.	Katherine E. Mu
165.	Robert W. Dalg
163.	Cora G. Blair (H
172.	J. Albert McGreg
176.	Margaret Moe (F
238.	Marion A. Solon
11.	George A. Hollan
177.	Joseph Moore (H
99.	Mabel L. Fairwe
237.	Mary E. Savage (

Marks.	No.	Marks.
667	60. Frederick C. Douglas (Collegiate Institute, Montreal),	517
661	143. Saidié Tighe (Cote St. Antoine Academy),	515
648	5. Herbert Clarke (High School, Montreal),	508
647	18. Walter H. Lynch (High School, Montreal),	506
646	49. Lena M. Reid (Girls' High School, Montreal),	504
643	54. Annie E. Wilson (Girls' High School, Montreal),	502
639	156. Cora M. Duncan (Granby Academy),	499
637	135. Robert Angus (Cote St. Antoine Academy),	498
631	124. Edith L. Ives (Compton Ladies' College),	493
630	50. Anna M. Scrimger (Girls' High School, Montreal),	491
627	48. Jessie L. Pedersen (Girls' High School, Montreal),	490
626	141. William Phillips (Cote St. Antoine Academy),	485
624	240. Lilian F. Swanson (Waterville Model School),	476
621	202. Lizzie Sangster (Sherbrooke Girls' Academy),	471
605	159. Joseph Lippiatt (Granby Academy),	467
604	212. Laura Rugg (Stanstead Wesleyan College),	459
602	216. Edjth Simpson (St. Andrew's Model School)	457
599	174. William S. McLaren (Huntingdon Academy),	446
595	65. Frank A. C. Mariotti (Collegiate Institute, Montreal),	441
585	41. Josephine Macartney (Girls' High School, Montreal),	437
584	162. William F. Vittie (Granby Academy),	426
577	180. Maud Hanran (Inverness Academy),	408
560	118. Winifred E. Nunns (Coaticook Academy),	398
556	16. Fred. Locker (High School, Montreal), } equal,	393
554	181. Lena Marsh (Knowlton Academy),	387
552	7. Fred. Cowans (High School, Montreal),	382
550	198. Agnes R. Edwards (Sherbrooke Girls' Academy),	369
549	113. Minnie B. Sulley (Bedford Academy),	323
547	155. Lottie Ball (Granby Academy),	298
545	189. Jessie C. Walker (Lachute Academy),	286
539	117. Maud G. McKee (Coaticook Academy),	
537		
536		
521		
520		
II. Over 18 years of age.		
	76. Katherine E. Mudge (Miss Symmers' and Miss Smith's Sch., Montreal),	820
	165. Robert W. Dalglish (Huntingdon Academy),	769
	163. Cora G. Blair (Huntingdon Academy),	744
	172. J. Albert McGregor (Huntingdon Academy),	737
	176. Margaret Moe (Huntingdon Academy),	716
	238. Marion A. Solomon (Waterloo Academy),	697
	11. George A. Holland (High School, Montreal), } equal,	674
	177. Joseph Moore (Huntingdon Academy),	651
	99. Mabel L. Fairweather (Girls' High School, St. John, N.B.),	648
	237. Mary E. Savage (Waterloo Academy),	

No.	Marks.
114. Charles B. Woodworth (Bedford Academy),	628
175. Duncan McNair (Huntingdon Academy),	611
92. Sara Jomini (Girls' High School, Quebec),	607
95. Ada A. Burns (Girls' High School, St. John, N.B.),	577
201. Elizabeth M. Parsloe (Sherbrooke Girls' Academy),	556
104. Annie R. Miller (Girls' High School, St. John, N.B.),	555
191 Forest A. Garland (Mansovile Model School),	537
97. Bertha M. Cushing (Girls' High School, St. John, N.B.),	507
36. Ruby E. Dedman (Girls' High School, Montreal),	503
110. S. Robert Martin (Aylmer Academy),	502
79. Ethel Gertrude Ross (Miss Lawder's School, Montreal),	482
178. John J. Walker (Huntingdon Academy),	479
91. Harriet T. Meiklejohn (Girls' High School, Quebec),	475
130. Cyrus M. McCrae (Cookshire Model School),	473
25. Watson Rowell (High School, Montreal),	442
204. Earle P. Hovey (Stanstead Wesleyan College),	425
108. Blanche J. Thorne (Girls' High School, St. John, N.B.),	418
51. Edith M. Small (Girls' High School, Montreal),	416
157. Bella J. Giddings (Granby Academy),	415
171. Peter McEwen (Huntingdon Academy),	409
223. Evelyn Perchard (High School, St. Johns, P.Q.),	398
152. Ruperta Riddle (Danville Academy),	283
72. Robina Bryson (Trafalgar Institute, Montreal),	381
215. Annie F. Dewar (Bellevue Private School),	373
123. Lucy F. Fiske (Compton Ladies' College),	368
154. Adelbert C. Webb (Danville Academy),	363
207. Samuel Jones (Stanstead Wesleyan College),	351
188. Janet E. Rodger (Lachute Academy),	328
116. Katie I. Hall (Coaticook Academy),	302

## PASSED THE PRELIMINARY SUBJECTS.

(In order of numbers).

27	67	83	86	107	222	226	241	242	243	245	246	248	250
251	252	253	256	259	261	263	267	269	270	271	274	276	279
280	281	285	290	291	293	295	296	300	301	303	304	305	308
309	310	312	314	316	318	322	325	326	327	330	332	333	334
336	339	342	344	353	355	356	357	359	361				

The following Ca

Avery, Rebecca L.,  
 Bishop, Wm. G.  
 Blair, Cora G.,  
 Brodie, Daisy,  
 Burns, Ada A.,  
 Cameron, Archibal  
 Cameron, Frances,  
 Campbell, John,  
 Carr, Muriel B.,  
 Codd, Grace L.,  
 Collins, Henry A.,  
 Copland, Florence,  
 Costigan, John W.,  
 Dalgleish, Robt. W.  
 Davidson, Jas. H.,  
 Doak, Euphan E.,  
 Dobbel, Mabel,  
 Ferguson, Wm. R.,  
 Fiske, Lucy F.,  
 Fortune, Wilhelmin  
 Gardner, Wm. A.,  
 Gibson, Maud,  
 Gilday, Archibald,  
 Gill, Marion H.,  
 Gordon, Minnie F.,  
 Heeney, Wm. B.,  
 Jordan, Florence,  
 Kilton, Nellie E.,  
 Leney, John N.,  
 Lynch, Walter H.,  
 McGregor, J. Albert,  
 McLaren, Archibald E  
 \*Mackdie, Randolph  
 Miller, Annie R.,  
 Moe, Margaret,

Bacon, Fred. T. H.,  
 Bond, Frank L. C.,  
 Butler, Percy,  
 Cape, Edmund G.,  
 Cowans, Fred.,  
 Davis, Angus T. W.,  
 Locker, Fred.,

NOTE.—Candidates w  
 themselves at the open  
 examination in those su  
 Successful Candidate  
 of their respective Facul

\* Also in Applied Science



McGILL UNIVERSITY, MONTREAL.

JUNE, 1894.

The following Candidates have passed the Examinations required for Entrance.

*I. In Arts and Medicine.*

628	Avery, Rebecca L.,	Sherbrooke, Q	Moore, Joseph,	Kilbain, Q
611	Bishop, Wm. G.	Montreal	Mudge, Catherine E.,	Montreal
607	Blair, Cora G.,	Huntingdon, Q	*Munn, David W.,	Quebec
577	Brodie, Daisy,	St. Henry, Q	Newton, Maude I. M.,	Lachute, Q
556	Burns, Ada A.,	St. John, N.B	Norris, James,	Montreal
555	Cameron, Archibald,	Montreal	Parks, Laura,	St. John, N.B
537	Cameron, Frances,	Montreal	Parsloe, Elizabeth M.,	Sherbrooke, Q
507	Campbell, John,	Montreal	Paterson, Kate E.,	Montreal
503	Carr, Muriel B.,	St. John, N.B	Paterson, Robt. C.,	Montreal
502	Codd, Grace L.,	Waterloo, Q	Pearson, Ida M.,	Waterloo, Q
482	Collins, Henry A.,	Montreal	Perchard, Evelyn,	St. Johns, Q
479	Copland, Florence,	Montreal	Phelps, Myrtle M.,	Eastman, Q
475	Costigan, John W.,	Montreal	Potter, Lucy E.,	Montreal
473	Dalgleish, Robt. W.,	Huntingdon, Q	Radford, John E.,	Montreal
442	Davidson, Jas. H.,	Montreal	Riddle, Ruperta,	Danville, Q
425	Doak, Euphan E.,	Coaticook, Q	Ross, W. J.,	Martintown, Ont
418	Dobbel, Mabel,	Quebec	Rugg, Laura,	Stanstead, Q
416	Ferguson, Wm. R.,	Dutton, Ont	Ryckman, F. Frederika,	Coaticook, Q
415	Fiske, Lucy F.,	Coaticook, Q	Savage, Mary E.,	Waterloo, Q
409	Fortune, Wilhelmina,	Huntingdon, Q	Seifert, Ethel M.,	Quebec
398	Gardner, Wm. A.,	Huntingdon, Q	Ship, Moses,	Montreal
283	Gibson, Maud,	St. John, N.B	Snyder, Albert,	Coaticook, Q
381	Gilday, Archibald,	Montreal	Solomon, Marion A.,	Waterloo, Q
373	Gill, Marion H.,	Granby, Q	Stewart, Donald,	Dunbar, Ont
368	Gordon, Minnie F.,	Lachute, Q	Stimpson, Mary L.,	Granby, Q
363	Heeney, Wm. B.,	Montreal	Thompson, James,	Coaticook, Q
351	Jordan, Florence,	Montreal	Thompson, Jas. R.,	Kiamear's Mills, Q
328	Kilton, Nellie E.,	Cookshire, Q	Tighe, Saidie,	Cote St. Antoine, Q
302	Leney, John N.,	Montreal	Turner, Wm. D.,	Appleton, Ont
	Lynch, Walter H.,	Montreal	Vineberg, Abraham,	Montreal
	McGregor, J. Albert,	Huntingdon, Q	Wainwright, Arnold,	Montreal
	McLaren, Archibald H.,	Huntingdon, Q	Watson, Robt.,	Williamstown, Ont
	*Mackenzie, Randolph B.,	Montreal	Webb, Adelbert C.,	Asbestos, Q
	Miller, Annie R.,	St. John, N.B	Williamson, Beatrice,	Montreal
	Moe, Margaret,	Ormsdown, Q	Woodworth, Chas. B.,	Bedford, Q

*II. In Applied Science.*

3	250	Bacon, Fred. T. H.,	Montreal	Macdonald, Ralph E.,	Antigonish, N
5	279	Bond, Frank L. C.,	Montreal	Sheffield, Charles,	Kingston, Ont
3	308	Butler, Percy,	Montreal	Thomas, Leonard,	Montreal
3	334	Cape, Edmund G.,	Hamilton, Ont	Terrill, McIver,	Cote St. Antoine, Q
		Cowans, Fred.,	Montreal	Ward, Albert H.,	Hamilton, Ont
		Davis, Angus T. W.,	Montreal	Waterous, Chas. A.,	Montreal
		Locker, Fred.,	Montreal		

NOTE.—Candidates who have failed in one or more subjects will, if they present themselves at the opening of the session in September next, be exempted from examination in those subjects in which they have obtained at least half marks.

Successful Candidates must present themselves for enregistration to the Deans of their respective Faculties before the commencement of Lectures.

\* Also in Applied Science.

## STANDING IN THE OPTIONAL SUBJECTS.

[The numbers correspond with those in the preceding lists. Candidates whose numbers are in parentheses are equal in standing. Those preceding a single asterisk have obtained at least two-thirds of the marks; those preceding a double asterisk, at least one-half; those following, at least forty per cent. The Schools' and Candidates' numbers are as follows: Montreal High School (Boys), 3-32 and 247-292; Montreal High School (Girls), 33-54 and 293-326; Montreal Collegiate Institute, 1 and 55-69 and 327-352; Abingdon School, 70 and 71; Trafalgar Institute, 72-75 and 353-356; Miss Dymmers and Miss Smith, 76-78 and 357; Mrs. Lawder's, 79; St. John the Evangelist's, 80-82; Sabrevois School, 83-86 and 358; High School, Quebec (Girls'), 87-94; High School, Quebec (Boys'), 2 and 359-362; Girls' High School, St. John, N.B., 95-108; Aylmer Academy, 109-111; Bedford Academy, 112-114 and 363-365; Coaticook Academy, 115-121; Compton Ladies' College, 122-124; Cookshire Model School, 125-133; Cote St. Antoine Academy, 134-143; Cowansville Academy, 144-146; Danville Academy, 147-154; Granby Academy, 155-162; Huntingdon Academy, 163-178; Inverness Academy, 179-180; Knowlton Academy, 181-184; Lachute Academy, 185-189; Mansonville Model School, 190-193; Mystic Model School, 194; Shawville Academy, 195 and 196; Sherbrooke, Girls' Academy, 197-202; Stanstead Wesleyan College, 203-214; St. Andrew's Model School, 215 and 216; St. Francis College School, 217-222; St. Johns High School, 223; Waterloo Academy, 229-238; Waterville Model School, 239 and 240; Paspébiac Model School, 366; Miss Gairdner's School, 367; Sutton Academy, 224-227; Three Rivers High School, 228.]

*Latin*.—77, 76, 69, 66, 167, 160, 96, (106, 165), 30, (172, 173), 101, 3, 34, (78, 238), 176, 13,\* 50, (36, 136), 14, (38, 122, 186), (6, 109), 177, 26, (187, 236), (157, 237), 63, (60, 84), (92, 202, 231), (56, 73, 99, 100), (29, 42, 224), 158, (22, 133), (47, 55), (44, 93), (75, 163, 166), (114, 156), (8, 143), (52, 127, 152, 159, 235), 110, (105, 161, 179), (17, 61, 223, 232, 233), 120, (121, 148, 175), (4, 119), \*\*215, 124, (82, 162, 210, 229, 234), (35, 54), (40, 45, 51, 71), (41, 95), 138, (19, 32, 87, 97, 197), (23, 39, 81, 94), (9, 48, 240), 154, (16, 33, 123, 151), (115, 212), (70, 107, 118, 178, 180), 153, (31, 104), (18, 16, 65, 98, 142, 150, 191, 195, 201).

*Latin* (Advanced).—2, \*\* 1.

*Greek*.—56, 167, (69, 93), 76, (14, 173), 82, (56, 172), (6, 26), (63, 165), (9, 177), 77,\* (30, 94), 166, 176, 55, 163, (62, 78), 92, 114, 120, 121, 81, (91, 175), (25, 60), 195, 32, (8, 89, 210), 88, 19,\* 178, 23, 87, 71, 207, 204, 18, (9, 151), 169.

*Greek* (Advanced).—1, 2,\*

*French*.—35, 30, (34, 76), (99, 121), (77, 96), (163, 224), 166, (26, 136, 173), (66, 127), (3, 11, 176), (6, 106, 165), (78, 83), (13, 93, 167), (14, 38, 73, 119, 195), (17, 47, 141), (48, 70, 172), (63, 176, 179), (84, 101, 115), 177, 237, (5, 52),\* (9, 44, 100, 114, 160, 175, 210), (45, 92, 122, 202, 240), 69, (19, 79, 139, 216), (7, 25, 40, 43, 50, 61, 74, 186, 233), (49, 60), (22, 29, 86, 133), (32, 42, 192, 226, 234), (39, 75, 105, 113, 120, 138, 238), 197, (82, 198, 229, 236), (87, 142, 159), (8, 56, 95, 135, 143, 156), (27, 91, 148, 158, 187), (155, 189, 204, 231), (116, 181, 211, 215), (33, 81, 110, 154),\*\* (18, 108, 130, 140, 162, 201), (57, 129, 188, 191, 212, 223), (15, 23, 36, 137, 152, 225), (10, 103, 171, 232), (71, 124), (62, 94, 102, 104), (51, 85, 98, 161, 235), (31, 55, 125, 174), 123, (117, 199).

*French* (Advanced).—2, 1,\*

*German*.—44, 34, 50, 47, 74, 35, 73,\* 36, 38, 75\*\* 72.

*Geometry*.—70, (167, 172), 93, (29, 77), (13, 14, 26, 52, 71, 163, 165), 238, (177, 187), (35, 231), (30, 92), (3, 75), (32, 121, 137), (11, 61, 173), (7, 229, 232), (8, 9, 79, 94, 96, 122, 138, 171, 204), (100, 103, 230), (73, 170, 179), 135, (23, 31), (18, 88, 202), (6, 81, 130, 186), (74, 134, 195, 201, 210, 237), (97, 106, 127, 131, 160, 166, 181, 224, 234, 236),\* 19, (17, 66, 154, 214), (72, 87, 95, 212, 223), (76, 107, 126), (91, 139, 142), (25, 56, 102, 110, 191), (39, 69, 141, 158, 233), (176, 183, 366), (174, 189), (4, 22, 193), (101, 235), (115, 140, 198), (15, 215, 216), 222, (152, 192), (65, 86, 109, 119, 178, 136, 180, 227),\*\* (63, 78, 105, 124, 157), (153, 197, 225), 80, (24, 89, 211, 240), (58, 98, 108, 156, 217, 221), (20, 67, 118), (16, 161), (114, 123, 132, 206, 208), (120, 162, 188), (5, 21, 55, 90, 113, 116, 129, 143, 148, 185, 194, 207).

*Geometr.*

*Algebra.*

235), (76, 10  
38, 105, 192  
152, 212), (1  
198), (14, 21  
(54, 65, 67, 1  
17, 48, 62, 6  
166, 177, 189

*Algebra* (.

*Trigonom*

31, 13, (3, 57  
(7, 68, 69, 80

*Trigonom*

*English L*

(99, 100, 108,  
105), (51, 65).

*English L*

*English L*

108, 133, 210,  
79, 130, 138,  
43, 45, 47, 54,  
50, 78, 91, 121  
90, 123, 156, 1  
236), (9, 52, 6  
199, 223), (48,  
(55, 150, 170,  
(98, 116, 225),

*English L*

*History*.—(7

212), (141, 197)

*History* (Ad

*Geography*.

(6, 9), (66, 76  
5, 8, 20, 30, 102  
81, 91, 99, 159,  
126, 157, 169, 2  
100, 104, 133, 14  
191), (63, 108, 1  
212), (142, 147,

*Zoology*.—234

*Botany*.—66,

236), (121, 187,  
101, 171), (53, 1  
164, (126, 180), (1  
217)\*\* (33, 40, 11  
(102, 128).

*Geometry (Advanced).*—2, 1\*

*Algebra.*—96, 66, 136, 106, 61, (101, 102), (128, 165), 163, 167, 30, 236, 99, 15, (131, 142, 173, 235), (76, 100), 141,\* (9, 186), 95, (39, 57, 97), (69, 227), (77, 223), 3, 29, (70, 93, 135), (204, 231), (26, 38, 105, 192, 195), (71, 98, 114, 179, 232), (4, 34, 37, 41, 121, 143, 176), (11, 47, 103, 134, 155), (87, 152, 212), (13, 23, 181), 234, (35, 120),\*\* (6, 7, 31, 60, 104, 140, 170, 180), (22, 55, 56, 119, 159, 198), (14, 21, 45, 74, 79, 84, 115, 158, 175, 222), (49, 191), (53, 78, 113, 132, 147, 187, 211, 216, 238), (54, 65, 67, 117, 122, 172, 214, 237, 366), (51, 75, 183, 194), (8, 82, 127, 154, 171, 197, 208), (5, 16, 17, 48, 62, 64, 73), (18, 20, 36, 50, 81, 83, 91, 107, 109, 111, 112, 118, 123, 130, 133, 160, 161, 162, 166, 177, 189, 201, 205, 206, 207, 225, 226, 230).

*Algebra (Advanced).*—2,\* 1.

*Trigonometry.*—(163, 165), (70, 175), 63, 176, (61, 66, 172), 114, 71, 29, 177, 55, (142, 173), 167, 31, 13, (3, 57, 62), 65, (135, 138), \*156, 113, (56, 81, 161, 174), (24, 178), 22, (60, 160), 82, 16,\*\* (7, 68, 69, 80), 131, (20, 64, 67, 195).

*Trigonometry (Advanced).*—2\* .

*English Language.*—69, 75, 96, 49, 74, (38, 73), 34, 43, (44, 101), 58, 79, (52, 62, 72), (35, 39) (99, 100, 108),\*(41, 48), 36, (61, 224), 95, 63, 54, 40, 45, (47, 53), 97, \*\* 46, 107, 33, 104, 42, (50, 105), (51, 65).

*English Language (Advanced).*—1\* .

*English Literature.*—96, 44, (49, 77), 74, 93, (35, 39, 97, 139), (75, 76), (26, 30), (42, 66, 94, 99, 108, 133, 210, 229), (38, 233, 234), (13, 92), (106, 176), (17, 34, 36, 110), (87, 134, 160, 237), 11, (3, 69, 79, 130, 138, 163, 224), (14, 19, 41, 84, 88, 100, 119, 148), (6, 29, 46, 68, 122, 205, 231), (5, 18, 43, 45, 47, 54, 73, 115, 136, 137, 153, 179), (109, 114, 187), (56, 166), (8, 31, 72, 214, 244), (7, 22, 40, 50, 78, 91, 121, 201, 235, 238), (63, 107, 127, 152, 159, 175), (23, 120, 140, 174, 178, 186), (25, 37, 58, 90, 123, 156, 197, 198, 216, 366), (55, 135, 143, 191, 195), (32, 95, 101, 102, 124, 131, 132, 144, 151, 236), (9, 52, 60, 103), (158, 230), (59, 53, 62, 67, 118, 189, 222), \* (15, 51, 212, 232), (89, 145, 154, 169, 199, 223), (48, 70, 171), (141, 211), (27, 64, 117, 146, 208, 226), (33, 180, 188, 204, 221), (196, 217), 104, (55, 150, 170, 227), (24, 155, 202), (16, 113, 161, 181), (105, 164), (20, 193, 207), 57\*\*, 194, (98, 116, 225), 185, (125, 192), 162, (147, 239), 112.

*English Literature (Advanced).*—1\* .

*History.*—(77, 78), 122, 109, 76, (75, 210), 224, (130, 138), 99, 86,\*68, (74, 79), 139, 214, (191, 212), (141, 197), 140, (58, 202), 73, 124, 215,\*\*195, 204, 142, 193, (72, 85, 198, 227, 240).

*History (Advanced).*—2, 1\* .

*Geography.*—61, 173, (11, 96) 77, (237, 240), 229, (17, 32, 69, 85, 115, 236), (6,9), (66, 76, 82), (15, 70, 78, 109, 110, 121, 130), (174, 238), (68, 234),\*(3, 5, 8, 20, 30, 102), (67, 160, 23), (13, 16, 22, 165), 29, (18, 94, 119, 122, 127, 163, 176, 235), 31, (71, 81, 91, 99, 159, 167, 172, 175, 210), (166, 232), (9, 87, 101, 177), (120, 125, 170, 222, 233), 131, (14, 95, 126, 157, 169, 201, 227), (59, 80, 92, 118, 215), (21, 158, 366), (27, 106, 107, 187, 216, 239), 26, 58, 89, 100, 104, 133, 141, 179, 224), \*\* (56, 97, 161, 164, 186), 129, (145, 155, 171, 180), (24, 55, 64, 124, 136, 191), (63, 108, 116, 197), (65, 139, 150, 156, 162, 148), (25, 51, 90, 103, 123, 128, 132, 181, 189, 195, 212), (142, 147, 199), (23, 88, 114, 117, 143, 144, 146, 188, 196, 217).

*Zoology.*—234, 229, 233, 231, 236, 238,\* 235, 237, 216,\*\* 230.

*Botany.*—66, 76, 44, 49, 75, (74, 96), (38, 77, 93), (54, 56), (99, 136), 39, (46, 72), 34, 104, 179, (45, 236), (121, 187, 238), (122, 197, 201), 115, (41, 137), (124, 174, 229), (78, 127, 143, 237), 186, (64, 95, 101, 171), (53, 100, 134, 233), 145,\* 215, (47, 119), (48, 116, 118, 198, 221, 235), 139, (73, 144), 231, 164, (126, 180), (60, 202), (65, 146, 191, 222, 230), (51, 97), (105, 106, 193, 234), (117, 177), (37, 133, 217)\*\* (33, 40, 118, 224, 227), (59, 188), (135, 140), (103, 120), 108, 114, (131, 199),\*(125, 132, 185), (102, 128).



*Chemistry.*—109, 15, (3, 44, 71, 160, 161), 31, (24, 70, 216), (17, 29), (7, 13, 52), (155, 158), (22, 49, 4, 159), (11, 41, 51), 46, (47, 157)\* (5, 45, 110), (39, 40, 162), 38, 156, 106, (16, 34, 48, 101), 33,\*\* 20, 58), 21, 104, (97, 100), (37, 108).

*Physiology and Hygiene.*—8, 93, 19, 69, (11, 63, 163), (61, 134, 167), (87, 94, 130), 160, (136, 138, 165, 179), (92, 166, 238, 240), (55, 232), (79, 176, 210, 234), 143, 139, (109, 172, 186, 207), (30, 91, 137), (119, 226, 229), 174, 62, (153, 191, 233), (67, 84, 85, 88, 114, 122, 158), (82, 121, 236), 135, 171, 177),\* (110, 145, 161), (5, 173, 197, 214), (115, 124, 180, 181, 206, 235), (175, 224), (89, 118, 141), (86, 127), (113, 137), (58, 133), (116, 142, 147, 223), (192, 201, 202, 237), (90, 148, 154, 157, 170, 239, 366), (26, 126), (81, 132, 144, 152), (80, 120, 140, 159, 162, 164, 178, 204), 156,\*\* (117, 146, 198), 222, (83, 169), (194, 221), 123, (188, 199), 131, (185, 193, 205, 211), (150, 155, 183, 189, 208, 212, 231).

*Physics.*—70, (29, 232), 206, 13, 31, 11, 8\*, 9, 24, 15, (6, 19), (3, 20, 207), 23,\*\* (30, 58), 14, 25, (5, 22), 27.

*Physics (Advanced).*—1.\*\*

*Drawing.*—20, 38, 6, 36, (8, 136), (11, 23), 31,\* (30, 164), (35, 45, 142), (3, 54, 137, 172, 232) (15, 29, 104), 52, (50, 138), (22, 187), (47, 135), (96, 201), (24, 53, 134, 139), (141, 186), (19, 40, 100), 25, 49,\*\* (95, 113), 51, (39, 44, 188), 48, (13, 42), (5, 9), 18, (14, 34, 37, 46, 101, 103, 106, 108, 147, 216).

*Drawing (Advanced).*— 2.\*

Pass

Donald Ma

Arthur Hog  
Gordon W.  
Montreal.  
John H. D.  
William H.  
Montreal.  
Jerome Inte  
Rapolla, I

Bazin, A. T.,  
Byers, W. G.  
Colvin, A. R.  
Davidson, A.  
Davis, R. E.,  
Drysdale, W.  
Estey, A. S.,  
Evans, J. W.,  
Ferguson, W.  
Fowler, E. S.  
Fry, F. M., B  
Fulton, J. A.,  
Gorrell, C. W.  
Hamilton, G.,

12, 49,  
33,\*\*  
  
(136,  
, (30,  
236),  
118,  
170,  
198),  
212,  
  
, 25,  
  
232)  
40,  
108,

# Passed the University Examinations.

SESSION 1893-94.

## FACULTY OF LAW.

PASSED FOR THE DEGREE OF D. C. L. IN COURSE.

Donald MacMaster, B.C.L., Q.C.

PASSED FOR THE DEGREE OF B.C.L.

Arthur Hogle, Montreal.	Bannell Sawyer, Cote St. Antoine, Q.
Gordon Walter MacDougall, B.A. Montreal.	Arthur G. Jones, Richmond, Q., (Aeger.)
John H. Dunlop, Montreal.	Joseph Charles Walsh, B.A., (Laval), Montreal.
William Henry Cox, B.A., (Laval), Montreal.	Philip Sheridan, Montreal.
Jerome Internoscia, B.A., (McGill), Rapolla, Italy.	

## FACULTY OF MEDICINE

PASSED FOR THE DEGREE OF M.D., C.M.

(Arranged alphabetically).

Bazin, A. T.,	Montreal	Hannington, J. P.,	Montreal
Byers, W. G. M.,	Gananoque, O	Hart, E. C.,	Baddeck, N.S
Colvin, A. R.,	Lethbridge, N.W.T	Henderson, W.,	Vars, O
Davidson, A.,	Burns, O	Hepworth, W. G.,	Manitoba
Davis, R. E.,	Fallowfield, O	Holohan, P. A., B.A.,	Newcastle, N.B
Drysdale, W. F.,	Perth, O	Jacques, H. M.,	Upper Dyke, N.S
Estey, A. S.,	Keswick Ridge, N.B	Kearns, J. F.,	Metcalfe, O
Evans, J. W.,	Hull, Q	Kinghorn, H. McL., B.A.,	Montreal
Ferguson, W.,	Pictou, N.S	Lambly, W. O.,	Montreal
Fowler, E. S.,	Hudson, Wis	Lewis, J. F.,	Hillsboro', N.B
Fry, F. M., B.A.,	Montreal	MacCarthy, G. S.,	Ottawa
Fulton, J. A.,	Franklin Centre, Q	McCrea, J.,	Detroit, Mich
Gorrell, C. W. F.,	Brockville	McLaren, J. T.,	Bell Creek, P.E.I.
Hamilton, G.,	Bright, O	McLaughlin J. A.,	Avonmore, O.

McLean, C. M.,	Cambridge, N.B	Robertson, A. A., B.A.,	Montreal
McIntosh, L. Y.,	Strathmore, O	Ross, D. W.,	Peel, N.B
McKenzie, L. F.,	Montreal	Ross, H.,	Thorburn, N.S
Manchester, G. H.,	Ottawa	Ross, J. J.,	Derwentville, Q
Mathewson, G. H., B.A.,	Montreal	Scammell, J. H.,	St. John, N.B
Mitchell, W.,	Lachute, Q	Scott, W. H.,	Owen Sound, O
Nicholls, A. G., M. A.,	Montreal	Sharpe, E. M.,	Havelock, N.B
O'Connor, E. J.,	Ottawa, O	Shaw, H. S.,	Montreal
Ogden, C. L., B.A.,	Warrensburg, N.Y	Shillington, A. T.,	Kemptville, O
Pritchard, J., B.A.,	North Wakefield, Q	Stenning, W. A.,	Coaticook, Q
Reeves, J.,	Eganville, O	Wilson, R. D.,	Derby, N.B
Richardson, A.,	South March, O	Wolf, C. G. L., B.A.,	Winnipeg, Man
Richardson, H. J.,	Spencerville, O	York, H. E.,	Metcalfe, O
Rimer, F. E.,	Bryson, Q		

Staples, C. I.  
Steeves, C. I.  
  
Sutherland, J.  
Sterling, A.,  
Tétreau, T.,  
Thomson, F.  
Tupper, T. S.  
Vipond, C. V.  
Walker, D. F.

BACHELORS

PASSED THE PRIMARY EXAMINATION.

(Arranged alphabetically).

Allen, J. H., B.A.,	West Osgoode, O	Kendrick, W. N.,	Spring Valley, Minn
Archibald, E. W., B.A.,	Montreal	Lambly, W. O.,	Inverness, Q
Ault, C. R.,	Tilsonburg, O	Lauder, S. E.,	Durham, Q
Braithwaite, J. M. Mc.,	Barbadoes, W.I	Lanerman, M.,	Montreal
Brunelle, P.,	Lowell, Mass	Lee, F. J.,	Port Hope, O
Church, H. M.,	Montreal	Lewis, J. T.,	Hillsboro', N.B
Churchill, J. L.,	Lockport, N.S	Lynch, D. P.,	Chapleau, Q
Colquhoun, P., B.A.,	Colquhoun, O	McArthur, A. W.,	Williamstown, O
Corbett, F. A., B.A.,	Parsboro', N.S	McEwen, D.,	St. Elmo, O
Craig, R. H.,	Montreal	McGannon, A. V.,	Brookville, O
Deacon, G. R.,	Stratford, O	McNally, G. J.,	Kingsclear, N.B
Dewar, J. E.,	Glen Sandfield, O	McTaggart, D. D.,	Montreal
Ellis, G. H.,	Dundela, O	Macartney, F. W.,	Montreal
Elliot, F. B.,	Mayfair, O	Martin, R. H.,	Chatham, O
Estey, A. S.,	Keswick Ridge, N.B	Mitchell, R. J. W., B.A.,	Montreal
Evans, J. W.,	Hull, Q	Moffatt, W. A.,	Ormsdown, Q
Ewan, R. B.,	Montreal	Moles, E. B.,	Arnprior, O
Ferguson, J. A.,	Easton Corners, O	Morse, L.R., B.A.,	Lawrencetown, N.S
Findlay, C.,	Hamilton, O	Mowatt, W. B.,	Montreal
Fish, E. C., B.A.,	Newcastle, N.E	Neil, R. W.,	Aylmer, Q
Fisk, W. M.,	Abbotsford, Q	Ogden, C. L., B.A.,	Warrensburg, N.Y
Foss, A. F.,	Sherbrooke, Q	Palmer, A. J.,	Buckingham, Q
Gallant, St. C.G.,	Charlottetown, P.E.I	Quay, D. D.,	Port Hope, O
Goltman, A.,	Montreal	Quirk, E. Mc. G.,	Montreal
Grant, A. J.,	Pembroke, O	Robins, G. D., B.A.,	Montreal
Grant, D.,	Pictou, N.S	Ross, R. O., B.A.,	Margaree, N.S
Hartin, G.,	Bells Corners, O	Ryan, J. P.,	Portage la Prairie, Man
Harwood, R. DeL.,	Vaudreuil, Q	Scammell, J. H.,	St. John, N.B
Hepworth, W. G.,	Winnipeg, Man	Secord, J. H.,	Summerside, P.E.I
Hogle, J. H.,	Montreal	Shaw, R. B.,	Cove Head, P.E.I
Howell, W. B.,	Montreal	Shaw, H. M.,	Berwick, N.S
Irvine, A. D.,	Montreal	Smillie, W.,	Huntingdon, Q
Keith, H. W.,	Havelock, N.B	Smith, R. E.G., B.A.,	Woodstock, N.B
Kelly, J. K.,	Almonte, O	Smyth, W. H., B.A.,	Montreal

B  
D  
G  
M

H

F

First Rank.—

I  
C  
M  
M

Second Rank.—

S  
V

Class I.—HAR  
OGII



Staples, C. A. B.A.,	Stillwater, Minn	Warren, J. F.,	Harper, O
Steeves, C. P., B.A.,	Lower Coverdale,	Watson, J. A., B.A.,	Barbadoes, W.I
	N.B	Wheeler, F. H., B.A.,	Florenceville,
Sutherland, J. A.,	River John, N.S		N.B
Sterling, A.,	Fredericton, N.B	White, R. B.,	Pembroke, O
Tétreau, T.,	Lawrence, Mass	Williams, J. A.,	Carleton Place, O
Thomson, F. L.,	Mitchell, O	Wood, D. M.,	Kenmore, O
Tupper, T. S.,	Fredericton, N.B	Wood, N. S.,	Faribault, Q
Vipond, C. W.,	Montreal	Wright, H. K.,	Montreal
Walker, D. F.,	Huntingdon, Q		

### FACULTY OF ARTS.

#### BACHELORS OF ARTS PROCEEDING TO THE DEGREE OF M.A. IN COURSE.

BINMORE, ELIZABETH, B.A.  
 DAVIDSON, PEERS, B.A.  
 GUNN, WILLIAM T., B.A.  
 McLEOD, EUPHEMIA, B.A.

#### ADMITTED TO THE DEGREE OF LL.D. "HONORIS CAUSA."

HIS EXCELLENCY THE RT. HON. JOHN CAMPBELL HAMILTON  
 GORDON, EARL OF ABERDEEN.

FRANCIS REULVAUX, PROFESSOR OF KINEMATICS AND MACHINE  
 DESIGN, BERLIN.

#### PASSED FOR THE DEGREE OF B.A.

#### *In Honours.*

(Alphabetically arranged).

#### MCGILL COLLEGE.

*First Rank.*—DAVIS, DAVID T.  
 DAY, FRANK J.  
 GRAHAM, ANGUS.  
 MACKENZIE, JANE E. F.  
 MOFFAT, DAVID S.

*Second Rank.*—DICKSON, SYDNEY M.  
 SMITH, ALISTAIR.  
 WARNER, AGNES L.

#### *Ordinary B.A*

#### MCGILL COLLEGE.

*Class I.*—HARPER, ROBERT M.  
 OGILVY, ISABELLA

BLACKET, JOHN W.  
 BARLOW, WALTER S.  
 FRASER, FRANK C.

*Class II.*—DICKSON, ED. H. T.  
 BOYD, LESLIE H.  
 OGILVY, CHAS.  
 STEWART, J. C.  
 CRAIG, MARGARET.  
 SHAW, S. LOUISA.  
 HARVEY, FRED. W.

*Class III.*—DUCLOS, ARNOLD W.  
 GRAHAM, FRED. H. } equal.  
 HANRAN, ROBT. F. }  
 DAVIS, ERNEST A.  
 NAYLOR, HENRY A.  
 BROWN, JESSIE } equal.  
 HARGRAVE, EDITH }  
 MACKERACHER, W. M. }  
 GARRETT, W. P.  
 BOND, WM. L. } equal.  
 MACVICAR, ROBT. M. }  
 BICKERDIKE, F. A. C.  
 MACGREGOR, ALEXANDER,  
 BREMNER, WM. } equal.  
 LAMBLY, M. O. }  
 LEWIS, W. P. ROY }  
 IRELAND, GEO. D.

*Passed in September 1893.*—BRITTAİN, ISABEL.  
 CAMPBELL, ROSALIA F.

MORRIN COLLEGE.

*Class II.*—FRASER, ETHEL. \_\_\_\_\_

PASSED THE INTERMEDIATE EXAMINATION.

MCGILL COLLEGE.

*Class I.*—FERGUSON, WILLIAM.  
 HAMMOND, ELIZABETH A.  
 SMILEY, FRANCIS C.  
 ROBERTSON, JOHN C.  
 COLE, WILFRID G. G.  
 SAUNDERS, FRANK C.  
 CAMPBELL, GEORGE A.

ARC  
 SCO  
*Class II.*—NIC  
 HU  
 MO  
 HE  
 HU  
 RO  
 LE  
 PR  
 LO  
 MR  
 HU  
 SC  
 GO

*Class III.*—S  
 PE  
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*Class II.*—I  
*Class III.*—

*Class III.*—

*Class III.*—

s With sup

ARCHIBALD, SAMUEL L. } equal.  
 SCOTT, ARTHUR P. }

*Class II.*—NICHOLS, AMY W.  
 HURST, J. ETHEL.  
 MOLSON, KENNETH.  
 HENDERSON, GRACE.  
 HUTCHINSON, MARGARET.  
 ROSS, HERBERT.  
 LENNON, WALTER S.  
 PITCHER, WINONA J.  
 LOCKE, WINIFRED A.  
 MITCHELL, KATHARINE R.  
 HILL, HARRIET S. M.  
 SCHWARTZ, HANS J.  
 GORDON, ALFRED E.

*Class III.*—ST. JAMES, LEAH A.  
 POLLOCK, THOS. J.  
 TURNER, WILLIAM G.  
 BATES, G. E. s  
 BROWN, JUSTINE M. s  
 CHALMERS, LOUISE H. s  
 DENOON, AGNES H. s  
 HOWELL, ARCHIBALD R. s  
 MCBURNEY, EDITH E. s  
 MCCUAIG, MARY. s  
 MACPHAIL, JEANNETTE. s  
 SCRIMGER, J. TUDOR. s

---

MORRIN COLLEGE.

*Class II.*—LANGLOIS, PETER.  
*Class III.*—MACWILLIAM, ELIZABETH.  
 TAYLOR, WILLIAM B. s

---

ST. FRANCIS COLLEGE.

*Class III.*—PATERSON, FREDERICK.  
 COBURN, DAVID. s  
 VAUDRY, OLIVA. s

---

WESLEYAN COLLEGE, STANSTEAD.

*Class III.*—BRYANT, FLORA.  
 HOWARD, CATHARINE)  
 RUGG, MARY A. s  
 RYAN, WILLIAM A. s

s With supplemental in one subject, arranged alphabetically.



## FACULTY OF APPLIED SCIENCE.

PASSED FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

In Order of Merit.

## CIVIL ENGINEERING.

Henry Martyn Mackay, B.A., Pictou, N.S.  
 Alexander Scott Dawson, Pictou, N.S.  
 Gerald Joseph Lonergan, Buckingham, Que.  
 John Rankin, Montreal.

## ELECTRICAL ENGINEERING.

Frank Henry Pitcher, Montreal.  
 Alfred Collyer, Sussex, England.  
 Charles Henry Blackwood Longworth, Char'ottetown, P.E.I., } equal.  
 John William Morris, Wallace, N.S.

## MECHANICAL ENGINEERING.

Edward Darling, Montreal.  
 William Archibald Duff, Montreal.  
 Arthur Langley Mudge, Montreal.  
 Leonard William Ernest Dyer, Montreal.  
 James Shearer Costigan, Montreal.  
 John Herbert Larmonth, Ottawa, Ont.

## MINING ENGINEERING.

Arthur Augustus Coie, B.A., Montreal.  
 Orton Edward Simpson Whiteside, Metcalfe, Ont., } equal.  
 William Wilson Leach, Montreal.  
 Frank Lambert, Woodstock, Ont.  
 Robert Alexander Gunn, Montreal.  
 Walter Chamblet Adams, B.A. Sc., Montreal.

## PRACTICAL CHEMISTRY.

Herbert Molson, Montreal.  
 Alexander Brodie, Quebec, Que.  
 Matthew Francis Connor, Ottawa, Ont.

## BACHELORS OF APPLIED SCIENCE PROCEEDING TO THE DEGREE OF MA. E. IN COURSE.

John George Gale Kerry, B.A.Sc.  
 Robert Forrest Ogilvy, B.A.Sc.  
 Cecil Brunswick Smith, B.A.Sc.  
 Ernest Albert Stone, B.A.Sc.

B. Anderson  
 A. G. Canno  
 C. French  
 D. McAlpine  
 A. E. Moore  
 J. R. Shaw  
 J. F. Walsh

## FACULTY OF VETERINARY SCIENCE.

PASSED FOR THE DEGREE OF D.V.S.

B. Anderson  
A. G. Cannon  
C. French  
D. McAlpine  
A. E. Moore  
J. R. Shaw  
J. F. Walsh

G. P. Baker  
E. J. Cary  
R. H. Grattan  
J. D. McGillivray  
C. J. Mulvey  
J. V. Solandt

J. A. Buchan  
H. R. Clevelant  
A. H. Hall  
J. H. McLeod  
I. L. Sailey  
R. Thomas

# Scholarships and Exhibitions.

SESSION 1893-94.

FACULTY OF ARTS.

## I. SCHOLARSHIPS (Tenable for two years).

Year of Award.	Names of Scholars.	Subject of Examination.	Annual Value.	Founder or Donor.
1892	Smith, A.	Mathematics.	\$125	W. C. McDonald.
1892	Graham, A.	Nat. Science.	125	W. C. McDonald.
1892	Dickson, S. M.	Class. & Mod. Lang	120	Chas. Alexander.
1892	Dickson, E. T.	Class. & Mod. Lang	120	Barbara Scott.
1893	Howard, Edwin	Mathematics.	125	W. C. McDonald.
1893	Wallace, James	Nat. Science.	125	W. C. McDonald.
1893	MacIntosh, Major	Class & Mod. Lang	125	W. C. McDonald.

## II. EXHIBITIONS (Tenable for one year).

NAMES OF EXHIBITORS.	Academic Year.	Annual Value.	Founder or Donor.
Robertson, J. C.	Second	\$125	W. C. McDonald.
Hurst, Ethel	"	120	Sir Donald A. Smith.
Mackay, Hector	First	125	W. C. McDonald.
Cameron, Mary T.	"	100	Sir Donald A. Smith.
Bruce, John C.	"	125	W. C. McDonald.
Mackay, Malcolm	"	125	Geo. Hague, Esq.
Larmonth, George E.	"	100	Major Mills.
Wyman, Daniel B.	"	90	Mrs. Jane Redpath.

McDonald Bursaries, value \$62.50 each, were awarded to A. K. Trenholme, and Ronald P. Campbell, at the First Year Exhibition Examination.

\* And a Sir Donald A. Smith Free Tuition.

# Prize

Arthur Hogle, 1  
Medal.  
Gordon Walters  
for Thesis.  
John Hamilton 1

Robert H. Barro  
of \$50.  
Albert Swindleh  
of \$25.

Robert H. Barro  
Albert Swindleh  
S. Carmichael, B  
E. B. Devlin, B.  
J. A. Devlin, Ay  
Dominique Charl  
William Patterso

Victor Evelyn 1  
Scholarship of on  
and Prize of Fifty

Robert Thomas  
five dollars.

Passed the sessi

V. E.

Louis

Robe

Alber

Willi

Charl



# Prizes, Honours and Standing.

SESSION 1893-4.

FACULTY OF LAW.

THIRD YEAR.

GRADUATING CLASS.

Arthur Hogle, Montreal, First Rank Honours, and Elizabeth Torrance Gold Medal.  
Gordon Walters MacDougall, First Rank Honours and prize of \$50. and prize for Thesis.  
John Hamilton Dunlop, Second Rank Honours and prize of \$25.

SECOND YEAR.

Robert H. Barron, B.A., Lachute, First Rank General Standing, and first prize of \$50.  
Albert Swindlehurst, Montreal, First Rank General Standing, and second prize of \$25.

PASSED THE SESSIONAL EXAMINATIONS.

Robert H. Barron, B. A., Lachute.  
Albert Swindlehurst, Montreal.  
S. Carmichael, B.A., Montreal.  
E. B. Devlin, B.A. (St Mary's, Montreal), Aylmer, Que.  
J. A. Devlin, Aylmer, Que.  
Dominique Charles Gaudet, B.A. (Ottawa), Three Rivers, Que.  
William Patterson, M.A., Montreal.

FIRST YEAR.

Victor Evelyn Mitchell, of London, England, First Rank General Standing and Scholarship of one hundred dollars; Louis Boyer, First Rank General Standing and Prize of Fifty Dollars.

Robert Thomas Mullen, Second Rank General Standing and Prize of twenty-five dollars.

Passed the sessional examinations in the First Year :—

V. E. Mitchell, London, England.  
Louis Boyer, Montreal.  
Robert T. Mullin, Leitchfield, Pontiac Co., Q.  
Albert C. Hanson, Barnston, Q.  
William Donahue, Farnham, Q.  
Charles D. White, Sherbrooke, Q.

## SESSIONAL EXAMINATIONS, 1893-94.

DEAN N. W. TRENHOLME, D.C.L., Q.C., Examiner.

## FIRST EXAMINATION.

## ROMAN LAW.—

*Third Year.*—Hogle, Jones; Dunlop and MacDougall, equal; Internoscia, Walsh, Sawyer, Cox.

*Second* “ Barron, Swindlehurst, Devlin, E. B.; Carmichael and Gaudet, equal; Devlin J. A.; Landry and Whelan, equal; Lamoureux and Patterson and Sheridan, equal.

*First* “ Mitchell and Mullin, equal; Boyer and White, equal; Ogilvie, Hanson, Doucet, Gamble, Donahue.

## SECOND EXAMINATION.

*Third Year.*—MacDougall, Jones, Hogle, Cox, Internoscia, Dunlop, Sawyer.

*Second* “ Barron; Swindlehurst and Carmichael, equal; Devlin E. B., Landry, Patterson, Gaudet, Whelan, Devlin J. A.

*First* “ Mitchell and Mullin, equal; Boyer and Gamble, equal; Hanson; White and Donahue, equal; Ogilvie and Monty, equal.

## OBLIGATIONS.—

*Second Year.*—Barron and Swindlehurst, equal; Sheridan, Carmichael, Devlin J. A., Gaudet, Whelan, Devlin E. B., Landry, Patterson.

*First* “ Mitchell, White, Mullin, Boyer, Ogilvie; Hanson and Donahue and Doucet and Monty, equal.

## MERCHANT SHIPPING.—

*Third Year.*—Hogle and MacDougall, equal; Dunlop, Internoscia Cox; Walsh and Sawyer and Ringland, equal; Sheridan, Jones (aegrotat).

*Second* “ Swindlehurst and Barron, equal; Devlin E. B.; Patterson and Carmichael, equal; Whelan and Devlin J. A., equal; Gaudet, Landry.

*First* “ Mitchell and Boyer, equal; Hanson; Gamble and Mullin, equal; Donahue, Doucet, White.

## LAW OF REAL ESTATE.—Servitudes, Hon. J. S. C. WURTELE, Professor.

*Third Year.*—MacDougall and Sawyer, equal; Sheridan, Jones; Dunlop and Hogle, equal; Cox; Ringland and Internoscia, equal; Walsh.

*Second* “ Barron, Devlin E. B., Swindlehurst, Carmichael, Gaudet, Landry, Patterson, Whelan, Devlin J. A.

COMMERCIAL

Third

Second

First

BILLS, NOTES

Third

Second

First

LAW OF OBLIGATIONS

Third

Second

First

HISTORY OF

Third

Second

First

*First Year*. Boyer, White, Gamble ; Mullin and Hanson, equal ;  
Donahue, Mitchell, Ogilvie, Doucet, Monty.

COMMERCIAL LAW.—Sales, HON. J. S. ARCHIBALD, D.C.L., Prof.

*Third Year*.—Internoscia, MacDougall, Cox, Hogle, Dunlop, Sawyer,  
Walsh.

*Second* “ Barron, Devlin E. B., Carmichael, Gaudet, Swindle-  
hurst, Landry, Whelan, Devlin J. A., Sheridan,  
Patterson.

*First* “ Mitchell, Boyer, Donahue, Hanson, Mullen, Cole, Ring-  
land, Ogilvie, White, Doucet.

BILLS, NOTES AND CHEQUES.—L. H. DAVIDSON, D.C.L., Q.C., Prof.

*Third Year*.—Hogle, Jones, MacDougall, Dunlop, Cox, Sheridan.  
Internoscia, Sawyer, Walsh (æger).

*Second* “ Barron, Carmichael, Gaudet, Swindlehurst, Devlin J.  
A., Landry, Lamoureux, Devlin E. B., Patterson,  
Whelan.

*First* “ Mitchell, Gamble ; Boyer and Hanson, equal ; Mullin  
Donahue, White, Doucet.

LAW OF OBLIGATIONS AND CONTRACTS.—C. A. GEOFFRION, Q. C.,  
Prof.

*Third Year*.—Hogle, MacDougall, Jones, Dunlop, Cox ; Internoscia and  
Walsh and Sawyer and Sheridan, equal.

*Second* “ Barron, Swindlehurst ; Carmichael and Gaudet and  
Devlin E. B., equal ; Whelan and Landry, equal ;  
Patterson and Lamoureux, equal ; Devlin J. A.

*First* “ Boyer and Mitchell, equal ; Hanson and Mullen and  
White, equal ; Gamble, Fortier ; Donahue and  
Doucet, equal ; Monty, Ogilvie.

HISTORY OF LOWER CANADIAN LAW—FRENCH PERIOD.—ARCH-  
IBALD MCGOUN, M.A., B.C.L., Prof.

*Third Year*.—Hogle, Jones, Dunlop, Sawyer ; Internoscia and Walsh,  
equal ; MacDougall, Cox, Sheridan.

*Second* “ Swindlehurst, Barron, Devlin J. A., Whelan ; Carmi-  
chael and Patterson, equal ; Devlin E. B., Gaudet,  
Landry.

*First* “ Gamble, and Mitchell, equal ; White, Mullen ; Donahue  
and Ogilvie, equal ; Boyer, Doucet, Hanson, Fortier.

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## CIVIL PROCEDURE.—THOMAS FORTIN, LL.D., D.C.L., Professor.

- Third Year.*—MacDougall, Jones, Hogle, Cox, Walsh, Dunlop, Internoscia, Sheridan, Sawyer.
- Second* “ Barron, Swindlehurst, Whelan, Devlin E. B., Carmichael, Landry, Gaudet, Patterson, Devlin J. A.
- First* “ Mitchell; Boyer and Gamble, equal; Mullin; Donahue and Hanson, equal; White, Ogilvie, Monty.

## NOTARIAL LAW.—W. De M. Marler, B.A., B.C.L., Professor.

- Third Year.*—Hogle, Cox, MacDougall; Internoscia and Dunlop, equal; Sawyer, Walsh, Sheridan.
- Second* “ Baron, Swindlehurst, Carmichael, Devlin E. B.; Patterson and Devlin J. A. equal; Gaudet.
- First* “ Michell and Gamble, equal; Hanson, Mullin, Boyer, Donahue, White, Ogilvie.

## LAW OF GIFTS AND WILLS.—HON. C. J. DOHERTY, Professor.

- Third Year.*—Internoscia and MacDougall, equal; Hogle and Dunlop, equal; Sheridan, Cox, Walsh, Sawyer.
- Second* “ Barron; Swindlehurst and Carmichael, equal; Devlin E. B., Gaudet, Devlin J. A., Landry; Patterson and Whelan, equal.
- First* “ Mitchell, Boyer, Mullin, Hanson, Gamble; White and Donahue, equal; Doucet, Ogilvie.

## RAILWAY LAW.—HARRY ABBOTT, B.C.L., Q. C., Prof.

- Third Year.*—MacDougall, Hogle, Dunlop, Cox, Internoscia, Sawyer, Walsh.
- Second* “ Barron Swindlehurst, Carmichael, Devlin E. B., Patterson, Devlin J. A., Gaudet, Landry.
- First* “ Mitchell, Gamble, Donahue, Hanson, Mullin, White, Boyer, Doucet, Ogilvie.

## LAW OF PERSONS.—E. Lafleur, B.A., B.C.L., Prof.

- Third* “ Hogle and Jones, equal; MacDougall, Cox, Internoscia Sawyer, Dunlop, Walsh, Sheridan.
- “ Barron; Carmichael and Swindlehurst, equal; Devlin E. B., Devlin J. A., Whelan, Patterson Landry, Gaudet, Lamoureux.
- First* “ Mitchell, Boyer, Donahue, White, Hanson, Doucet; Ogilvie and Mullin, equal; Fortier and Monty, equal.

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## FACULTY OF MEDICINE.

## HONOURS, MEDALS AND PRIZES.

THE HOLMES MEDAL is awarded to ANDREW ARMOUR ROBERTSON, B.A., of Montreal, Que.

THE FINAL PRIZE is awarded to ALBERT GEORGE NICHOLLS, M.A., of Montreal, Que.

THE PRIMARY PRIZE is awarded to WILLIAM NASSAU KENDRICK, of Spring Valley, Minn.

THE SUTHERLAND MEDAL is awarded to GEORGE DOUGALL ROBINS, B.A., of Montreal, Que.

THE CHEMISTRY PRIZE is awarded to ALLAN DAVIDSON, of Burns, Ont.

## PROFESSORS AND DEMONSTRATORS' PRIZES.

THE BOTANY PRIZE is awarded to J. G. MCDUGALL, of New Glasgow, N.S.

THE CLINICAL CHEMISTRY PRIZE is awarded to A. A. ROBERTSON, B.A., of Montreal, Que.

THE OBSTETRICS PRIZE is awarded to L. Y. MCINTOSH, of Strathmore, Ont.

THE SENIOR ANATOMY PRIZE is awarded to R. O. ROSS, B.A., of Margaree, Ont.

THE JUNIOR ANATOMY PRIZE is awarded to C. B. KEENAN, of Ottawa, Ont.

## FACULTY OF VETERINARY SCIENCE.

## PRIZES.

Veterinary Medicine and Surgery—Cecil French.

Anatomy—J. C. Hargrave.

Cattle Pathology—Cecil French.

Cynology—A. E. Moore.

Chemistry—J. C. Hargrave.

Zoology—H. Dell.

Physiology—J. C. Hargrave.

For the best general examination in all subjects—Cecil French.

## SCHOLARSHIPS.

For the highest aggregate obtained in first year subjects (Fifty Dollars)—Harry Dell.

For the highest aggregate obtained in second year subjects (Fifty Dollars)—J. C. Hargrave.

## EXTRA PRIZES.

For the best essay read before the Veterinary Medical Association: 1st—Cecil French. 2nd—A. E. Moore. 3rd—C. J. Mulvey.

For the best essay read before the Society for the Study of Comparative Psychology.

1st—A. E. Moore. 2nd—J. A. Buchan. 3rd—J. H. McLeod.

Next in order of Merit is—J. V. Solandt.

## FACULTY OF ARTS.

## GRADUATING CLASS.

*B.A. Honours in Mathematics and Natural Philosophy.*

SMITH, ALISTAIR.—Second Rank Honours.

*B.A. Honours in Classics.*

DAVIS, DAVID THEODORE.—First Rank Honours and Henry Chapman Gold Medal

*B.A. Honours in Natural Science.*

WARNER, AGNES.—Second Rank Honours.

*B.A. Honours in Mental and Moral Philosophy.*

GRAHAM, ANGUS.—First Rank Honours and Prince of Wales Gold Medal.

*B.A. Honours in English Language, Literature and History.*

MOFFATT, DAVID S.—First Rank Honours and Shakspeare Gold Medal.

MACKENZIE, JANE E. F.—First Rank Honours.

DICKSON, SYDNEY.—Second Rank Honours.

*B.A. Honours in Semitic Languages.*

DAY, FRANK J.—First Rank Honours and the Earl of Aberdeen's Gold Medal and Neil Stewart Prize

*Special Certificates for First Rank General Standing.*

HARPER, ROBERT M.—Special Certificate and Major Hiram Mills Gold Medal.

OGLVY, ISABELLA.—Special Certificate.

BLACKETT, JOHN W.—Special Certificate.

BARLOW, WALTER S.—Special Certificate.

FRASER, FRANK C.—Special Certificate

## THIRD YEAR.

HOWARD, E. EDWIN.—First Rank Honours and Prize in Mathematics and Natural Philosophy ; First Rank General Standing.

MACINTOSH, MAJOR H.—First Rank Honours in Classics ; First Rank General Standing ; Prize in Latin.

TRAVIS, KATHARINE.—First Rank Honours and Prize in Mental and Moral Philosophy ; First Rank General Standing ; Prize in Zoology.

SUTHERLAND, WILLIAM C.—First Rank Honours in Natural Science ; First Rank General Standing ; Prize in Zoology.

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- RADFORD, ETHEL S.—First Rank Honours in Natural Science; First Rank General Standing.
- WATSON, ROSALIND.—First Rank Honours in Natural Science; First Rank General Standing.
- KEITH, NEIL D.—First Rank Honours and Prize in Semitic Languages and Literature; First Rank General Standing; Prize in Greek; Prize in Hebrew; Prize for Collection of Plants.
- BURNET, ARTHUR.—First Rank Honours in Classics; Prize in Greek.
- CROMBIE, WILLIAM J. B.—First Rank Honours and Prize in Mental and Moral Philosophy.
- WALLACE, JAMES M.—First Rank Honours and Prize in Mental and Moral Philosophy.
- GUSTIN, W. ALFRED.—First Rank Honours in Mental and Moral Philosophy.
- YOUNG, HENRY.—First Rank Honours in Mental and Moral Philosophy.
- ROGERS, REGINALD.—First Rank Honours in Mental Philosophy.
- LEVY, AARON.—First Rank Honours in Modern Languages; Prize in German and Prize in French.
- CAMERON, SUSAN E.—First Rank Honours in English Language, Literature and History; Prize in English and Rhetoric.
- TRENHOLME, NORMAN MCL.—First Rank Honours and Prize in English Language, Literature and History.
- LEROY, O. E.—First Rank Honours in Natural Science.
- WILSON, MARGARET.—Second Rank Honours in Modern Languages; First Rank General Standing.
- HICKSON, JAMES C.—Second Rank Honours in English Language, Literature and History.
- ARMSTRONG, L. ETHEL.—First Rank General Standing.
- WHITEAVES, A. MAUD.—First Rank General Standing.

## THIRD YEAR.

## PASSED THE SESSIONAL EXAMINATION.

Howard, Keith; MacIntosh and Travis, equal; Radford and Watson, equal; Wilson; Armstrong (Ethel) and Sutherland, equal; Whiteaves, Craig; Burnet and Wallace, equal; Gustin and Cameron, equal; Crombie; Armstrong (E. N.) and Rogers and Smyth, equal; Hanson and Levy, equal; Hopkins, Fourney; Symmes; Weir and Young (H.), equal; Dyer, LeRoy, Hickson.

SECOND YEAR.

- ROBERTSON, J. C.—(Private Tuition).—First Rank Honours and Prize in Mathematics; First Rank General Standing.
- HUTCHINSON, MARGARET.—(Collegiate Institute, St. Thomas).—First Rank Honours and Prize in Mathematics.
- FERGUSON, WM.—(Prince of Wales College, P.E.I.).—First Rank General Standing; Prize in English; Prize in Classics; Coster Memorial Prize.
- HAMMOND, ELIZABETH A.—(Girls' H. S., Montreal).—First Rank General Standing; Prize in Classics; Prize in Logic; Prize in Botany; Prize in German.
- SMILEY, FRANCIS C.—(St. Francis Coll.).—First Rank General Standing; Prize in Classics; Prize in French.
- SCOTT, ARTHUR P.—(Montreal High School).—First Rank General Standing; Prize in Botany.
- COLE, WILFRID G. G.—(Montreal Collegiate Institute).—First Rank General Standing.
- SAUNDERS, FRANK C.—(Montreal H. S.).—First Rank General Standing.
- CAMPBELL, GEORGE R.—(Montreal H. S.).—First Rank General Standing.
- ARCHIBALD, SAMUEL.—(Montreal H. S.).—First Rank General Standing.
- HURST, I. ETHEL.—(Girls' H. S., Montreal).—Prize in English.
- HENDERSON, GRACE.—(Misses Symmers' and Smith's School).—Prize in Classics.
- LENNON, WALTER S.—(Wesleyan Theol. Coll.).—Prize in Logic; Prize in Hebrew.
- ST. JAMES, LEAH.—(McGill Normal School).—Prize in French.

SECOND YEAR.

PASSED THE SESSIONAL EXAMINATION.

Ferguson, Hammond, Smiley, Robertson, Cole, Saunders, Campbell, Archibald, Scott, Nicholson, Hurst, Macdonald, Henderson, Hutchinson, Ross, Lennon, Pitcher, Locke, Mitchell, Hill, Schwartz, Gordon, St. James, Pollock, Turner, Bates, Browne, Chalmers, Denoon, Howell, McBurney, McCuaig, MacPhail, Scrimger.

s.—With supplemental examination in one subject (arranged alphabetically).

FIRST YEAR.

- BRUCE, JOHN C.—(Huntingdon Academy).—First Rank Honours and Prize in Mathematics.
- MACKAY, MALCOLM.—(Montreal Collegiate Institute).—Second Rank Honours and Prize in Mathematics.

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CAMERON, MARY T.—(Trafalgar Institute).—Second Rank Honours and Prize in Mathematics; First Rank General Standing; Prize in Latin; Prize in German.

YOUNG, LAURA A.—(Prince of Wales College, P.E.I.).—First Rank General Standing; Prize in Latin.

HOLDEN, MARGARET—(Girls' H.S., St. John, N.B.).—First Rank General Standing.

MACKAY, HECTOR—(Kincardine H.S., Ont.).—First Rank General Standing.

SMITH, ANNIE LOUISE—(Misses Symmers' and Smith's School).—Prize in English; Prize in French; Prize in Roman History.

BROWNE, J. G.—(Montreal High School).—Prize in Chemistry.

WYMAN, DANIEL B.—(Hawkesbury H. S.).—Prize in Hebrew.

McMASTER, ANDREW R.—(Montreal Collegiate Institute).—Prize in English.

HOWARD, CAMPBELL—(Montreal Collegiate Institute).—Prize in Latin.

FIRST YEAR.

PASSED THE SESSIONAL EXAMINATIONS.

Holden, Cameron, Young, Mackay (H.), Steacy, Smith, Galt, Ker, Browne, Wyman (D. B.); Bruce and Mackay (M.), equal; Wyman (H. B.), McLeod, Campbell (R. P.), Saxe, Howard, Ross (A. R.), Doull, Ross (E.), Walbridge, McMaster, Macfarlane, Mallinson, Armstrong; Larmonth and McLean, equal; Ives, Stevenson, Willis, Douglas, Marler, Bickerdike Gowar s, Russel s, Stephen s.

(s) With supplemental examination in one subject (arranged alphabetically).

AWARD OF SCHOLARSHIPS AND EXHIBITIONS, ETC., SEPTEMBER, 1893.

I. FOURTH YEAR — Anne Molson Prize, Smith (Alistair).

II. THIRD YEAR.—SCHOLARSHIPS (tenable for two years).

*Mathematical Scholarship.*—\*Howard, E.

*Natural Science Scholarship.*—\*Wallace, Jas.

*Classical and Modern Language Scholarship.*—\*MacIntosh (Major

III. SECOND YEAR.—EXHIBITIONS (tenable for one year).

\*Robertson, J. C., Private Tuition.

§§Hurst, Ethel, Montreal Girls' H. S.

IV. FIRST YEAR.—HIGHER ENTRANCE AND EXHIBITION EXAMINATIONS.

*Class I.* \*Mackay, Hector, Kincardine H. S., *Exhibition.*

†† Cameron, Mary T., Trafalgar Institute, *Exhibition.*

\* Bruce, John C., Huntingdon Academy, *Exhibition.*

‡ Mackay, Malcolm, Montreal Coll. Institute, *Exhibition.*

§ Larmonth, George E., Montreal H. S., *Exhibition.*

†† Wyman, Daniel B., Hawkesbury H. S., *Exhibition.*



*Class II.* \*\* Trenholme, Arthur K., Montreal H. S., *Bursary.*  
 \*\* Campbell, Roland P., Montreal Coll. Inst., *Bursary.*  
 Stevenson, James, Montreal Coll. Inst.

\* Annual value, \$125.—Founder, W. C. McDonald, Esq.  
 do \$120.—Donor, Sir Donald A. Smith.  
 † do \$125.—Donor, George Hague, Esq.  
 †‡ do \$100.—and free tuition, Donor, Sir Donald Smith.  
 § do \$100.—Founder, Major Mills.  
 do \$ 90.—Founder, Mrs. Jane Redpath.  
 \*\* do \$62.50.—Founder, W. C. McDonald, Esq.

SUPPLEMENTAL EXAMINATIONS.

September 1892.

(a) *Sessional,*

THIRD YEAR.—Bremner, Dickson (E.H.T.) Lewis, McGregor, McKerracher, Naylor.

SECOND YEAR.—McNaughton, Symmes, Trenholme, Weir.

FIRST YEAR.—Denoon, Ross (A. R.), Scrimger.

(b) *Supplemental in one Subject.*

SECOND YEAR.—Crombie, Cushing, Hopkins, Levy, Tooke, Seymour, Young (S),

FIRST YEAR.—Hinds, Krause, Locke, Scott.

SESSIONAL EXAMINATIONS, 1894.

McGILL COLLEGE.

GREEK.

B.A. ORDINARY.—*Class I.*—Davis (David T); Blackett and Harper, equal. *Class II.*—Dickson (E. H. T.). *Class III.*—Hanran, Davis (E. A.), Lambly; McGregor and Naylor, equal; MacKeracher, Graham (F. H.); Bickerdike and Lewis and McCoy, equal; Bremner.

THIRD YEAR.—*Class I.*—Burnet and Craig (Wm. W.) and Keith (*Prize*), equal; MacIntosh, Watt. *Class II.*—Cameron and Gustin, equal; Sutherland, Radford. *Class III.*—Weir, Wallace, Young (Henry), Crombie.

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SECOND YEAR.—*Class I.*—Ferguson and Hammond and Henderson and Smiley (*Prizes*), equal; Cole, Saunders, Archibald, Campbell, Locke. *Class II*—Molson; Robertson and Ross, equal; Lennon, Howell, Scott, Schwartz, McCuaig.

*Class III.*—Brown; Gordon and Turner, equal; Pollock; Bates and St. James, equal; Hurst, McMartin Scrimger, Chalmers.

FIRST YEAR.—*Class I.*—Howard (*Prize*), Mackay (H.), Browne, Cameron (*Prize*), Ker; McLeod and Wyman (H. B.), equal. *Class II.*—Smith, Raynes; Larmonth and Ross (A. R.), equal; Bruce and Steacy, equal; McMaster and Trenholme (A. K.) and Willis, equal; Armstrong and Campbell (R. P.), equal; Marler and Wyman (D. B.), equal; Mackay (M.). *Class III.*—Ives and Macfarlane, equal; Saxe, Mallinson; Cunningham and McLean (S.), equal; Russel, Gowan, Doull; Cleland and Douglas, equal; Botterell and Stevenson, equal; Boyce.

## LATIN.

B.A. ORDINARY.—*Class I.*—Davis (D. T.), Harper, Dickson (E. H. T.), Hargrave, Blackett. *Class II.*—Ogilvy (Isabella), Craig (Margaret); Bickerdike and Fraser, equal; Graham (F. H.) and Mackenzie, equal; Boyd and Ogilvy (Chas.) and Shaw, equal; Hanran and MacKeracher, equal; Barlow. *Class III.*—Brown, Lambly, Duclos; Harvey and MacVicar equal; Bond, Garrett, Ellicott, Naylor; McCoy and Ireland, eq

THIRD YEAR.—*Class I.*—McIntosh (*Prize*); Armstrong (Ethel) and Travis equal; Craig, Watson, Burnett. *Class II.*—Whiteaves, Wilson. *Class III.*—Cameron, Hopkins; Armstrong (E. N.) and Fourney, equal; Smyth, Symmes, Dyer, Rogers, Levy, Tooke, Hickson.

SECOND YEAR.—*Class I.*—Ferguson (*Prize*), Henderson, (*Prize*); Hammond and Smiley (*Prizes*), equal; Campbell, Saunders, Archibald, Cole, Hurst, Ross, Nicholls. *Class II.*—Lennon, Hill; Locke and Scott, equal; Molson; Gordon and Howell, equal; Robertson and Watson, equal; McCuaig and Pollock, equal; Schwartz; Denoon and Hutchinson and Pitcher, equal. *Class III.*—Brown: Bates and Mitchell, equal; Scrimger; McBurney and Stockwell and Turner, equal; Chalmers and St. James, equal; McMartin and Watters, equal; Krause; Gilmour and McPhail, equal; Hamilton, Hinds.

SECOND YEAR.—(*Latin Prose Composition*).—*Class I.*—Hammond (*Prize*), Ferguson (*Prize*), Smiley (*Prize*), Henderson (*Prize*), Cole, Scott, Archibald; Locke and Saunders, equal. *Class II.*—Robertson, Pollock, Ross, Campbell; Hill and Pi'cher, equal; Denoon and Gordon and Hurst and Nicholls and Watson, equal; Molson, Schwartz, McPhail. *Class III.*—McCuaig and McMartin, equal; Howell and Lennon, equal; Mitchell, Hutchinson, Turner, Stockwell, Benny, Krause, Brown, McBurney, St. James, Bates, Scrimger.

FIRST YEAR.—*Class I.*—Cameron (*Prize*) and Young (*Prize*), equal; Browne (*Prize*) and Holden and Howard (*Prize*) and Smith, equal; McLeod and Steacy, equal; McMaster and Wyman (D. B.), equal; Ker, Galt. *Class II.*—Mackay (H.), Ross (Eliz.), Wyman (H. B.); Macfarlane and Mallinson, equal; Bruce, Mackay (M.); Larmouth and Shaw and Walbridge, equal. *Class III.*—Doull and Stevenson and Trenholme (A. K.), equal; Ross (A. R.); Marler and Saxe, equal; Stephen; Armstrong and Campbell (R. P.), equal; Russel; Bickerdike and Douglas, equal; Heeney; Cleland and Willis, equal; Ives, Gowan; McLean (S.) and Overing, equal; Dover.

## ROMAN HISTORY AND LITERATURE.

FIRST YEAR.—*Class I.*—Smith (A. L.), (*Prize*); Holden and Larmouth and McMaster, equal; Browne; Campbell (R. P.) and Ker, equal; Ross (Eliz.) and McLeod and Mackay (H.) equal; Cameron and Young (L. A.), equal; Howard (C.), Saxe; Galt and Martin and Willis and Wyman (D. B.), equal. *Class II.*—Macfarlane and Mackay (M.), equal; Armstrong and Bickerdike and McLean (S.), equal; Walbridge, Gowan; Mallinson and Ross (A. R.) and Russel and Wyman (H. B.), equal; Myers and Warren, equal. *Class III.*—Coussirat; Cunningham and Douglas, equal; Bruce and Cleland and Dover and Ives and Steacy and Trenholme (A. K.), equal; Schwitzer and Shaw and Stevenson, equal; Doull, Crozier, Overing, Stephen; Botterell, (J. E.) and Boyce, equal; Hill.

## MENTAL AND MORAL PHILOSOPHY.

B.A. ORDINARY.—(*Moral Philosophy*).—*Class I.*—Graham (A.), Walker; Ogilvy (I.) and Warner, equal; Day, Moffat; Barlow and Dickson (E.) and Kelly, equal; Fraser; Davis (E. A.) and Ogilvy (C.) and Shaw, equal; Harper, Blackett; Brown (J. L.) and Hanran and Naylor and Sing equal. *Class II.*—Ball and Leitch (H.) and Stewart, equal; MacKera cher and Peever, equal; Bremner and Craig, equal; Harnwell, MacVicar, Brown (J.) and Duclos, equal; Graham (F.) and MacGregor, equal; Bickerdike and Bond and Calvert and Harvey, equal. *Class III.*—Har grave and Morrow, equal; Murray and Dickson (S. M.), equal; McCoy Garrett; Ireland and Mathers, equal; Boyd and Lewis, equal; Lambly Boshart, Jamieson, McCuaig.

THIRD YEAR.—(*Mental Philosophy*).—*Class I.*—Crombie (W.) and Howard and Radford and Sutherland and Travis and Wallace and Watt, equal; Watson and Young (H.), equal; Trenholme, Smyth, Rogers, Hanson Keefer and Keith, equal; Fish; Gustin and Milliken, equal; Hickson and Hopkins and Wilson (A.), equal; Armstrong (E). *Class II.*—McNaughton, Weir, Young (S. Boshart and Symmes and Wilson (W. equal; Seller, Humphrey; Brown and Dyer, equal. *Class III.*—Fraser

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*Prizes*: Travis; Crombie and Wallace.

SECOND YEAR.—(*Logic*).—*Class I.*—Lennon, Scott, Archibald, Campbell; Robertson and Saunders, equal; MacGregor and Schwartz, equal; \*Belton and \*Brace and Ferguson, equal; Hammond and Watters, equal; Cole Molson; \*Harnwell and \*Miller and Pitcher and St. James, equal; Smiley; Hurst and MacPhail and Nicholls, equal; Eagleson and Henderson and Locke, equal; Mitchell and Scrimger, equal. *Class II.*—Chalmers; Howell and McCuaig and Stockwell, equal; \*McAteer, Hutchinson and Patterson, equal; Bates and Gordon and Ross, equal \*Pollock (A. F.); \*Horsey and Watson, equal; Denoon and Hill and McMartin, equal; Hinds; \*Keefer and \*Mount, equal; McBurney and Pollock (T. J.) and \*Smith (W. A.), equal. *Class III.*—\*Beamish and \*Benny and \*Leitch, equal; Krause and \*Seller, equal; Kennedy, Brown \*Smith (G. E.), Hamilton; \*McAmmond and Pinder, equal; \*Smith (H. L.) and Turner, equal; \*Wright, Watt, \*Kelly, \*Fish; Graham and \*Culp, equal.

#### EUROPEAN HISTORY.

B.A. ORDINARY.—*Class I.*—Barlow, Craig, Mackenzie, Moffat, Harper. *Class II.*—Ogilvy; Boyd and Fraser, equal; Stewart; Lewis and Shaw, equal; Dickson (E. F.); Hanran and Harvey, equal; Duclos, Davis (E.), Bickerdike. *Class III.*—Dickson (S.); Bond and Ireland and \*Ashforth, equal; Graham and MacKeracher, equal; Garrett; Bremner and MacVicar, equal; Lambly and Hargreave, equal.

#### ENGLISH LITERATURE AND RHETORIC.

THIRD YEAR.—*Class I.*—Cameron (*Prize*); Howard and Trenholme equal; MacIntosh. *Class II.*—Armstrong (E. N.), Travis, Hickson, LeRoy; Hopkins and Tooke, equal; Sutherland; Dyer and Browne equal; Cushing. *Class III.*—Weir, Symmes, Fourney, Hanson.

#### ENGLISH LITERATURE AND HISTORY.

SECOND YEAR.—*Class I.*—\*Walker, Hurst (*Prize*), Ferguson (*Prize*); Campbell and Henderson, equal; \*MacGregor and Scott, equal; Mitchell and Smiley, equal; Hammond, Nicholls, Archibald; Pitcher and Robertson and Saunders, equal; Scrimger; Cole and Hutchinson, equal; Locke; \*Norris and Schwartz, equal. *Class II.*—\*Leitch, Molson; Lennon and Ross, equal; Hill, St. James, Gordon, Turner, \*Wilson. *Class III.*—Howell, Hamilton, Pollock, Chalmers, McMartin.

#### ENGLISH LITERATURE.

FIRST YEAR.—*Class I.*—Smith (*Prize*), McMaster (*Prize*); Holden and Ross (E.), equal; Galt, Campbell (R. P.), Young, Wyman (H. B.), Mackay (M.), Overing. *Class II.*—Russel, Cleland; MacKay (H.) and Meyer and

Ross (A. R.) equal; Browne; Harrington and Macfarlane and Walbridge, equal; Willis; Howard and Shaw, equal; Ker. and Cameron, equal; *Class III.*—Mallinson and McLeod and Steacy, equal; Bruce and \*Stuart, equal; \*Douglas and Larmonth and McLean (S.), equal; Bickerdike and Doull and Trenholme and Wyman (D. B.), equal; Armstrong and Ives and Saxe, equal; Stevenson, Marler, Stephen; Ferguson and \*Pollock, equal.

## MECHANICS AND HYDROSTATICS.

B.A.—*Class I.*—Dickson (T.), Harper. *Class II.*—Ogilvy (Isa), Stewart, Garrett, Barlow, Harvey. *Class III.*—Blacket, Naylor, Ogilvy (C.), Duclós, Hanran, Hargrave, Ireland; Bremner and Craig, equal; Shaw; Bond and McGregor, equal; Brown, McCoy, Bickerdike.

THIRD YEAR.—*Class I.*—Howard, Whiteaves, Rogers; Crombie and Armstrong (L. E.), equal. *Class II.*—Smyth, Fourney; Armstrong (E. N.) and Levy, equal; Hopkins, Travis, Hanson. *Class III.*—Craig, Tooke; Le Roy and Symmes and Fraser (H. A.), equal; Radford, Dyer, Trenholme, McNaughton, Hickson.

## ASTRONOMY AND OPTICS.

B.A.—*Class I.*—Smith, Blacket, Boyd, Duclos, Barlow; Dickson (T.) and Fraser (F. C.) and Ogilvy (Cbs.), equal. *Class II.*—Harvey; Hanran and Harper, equal; Stewart, Garrett. *Class III.*—Brown, McGregor, Bond, McCoy, Bickerdike, Ireland.

THIRD YEAR.—*Class I.*—Howard, Crombie, Fourney, Craig. *Class II.*—Smyth; Dyer and Symmes, equal; Hanson and Hopkins and McNaughton, equal. *Class III.*—Rogers, Hickson, Trenholme, Levy.

## EXPERIMENTAL PHYSICS.

B.A.—*Class I.*—Smith; *Class III.*—McVicar (R. M.).

THIRD YEAR.—*Class I.*—Howard.

## GEOMETRY AND ARITHMETIC.

SECOND YEAR.—*Class I.*—Robertson, Hutchinson, Cole, Molson, Ferguson; Archibald and Sanders, equal. *Class II.*—Hurst, Ross, Campbell, Hammond, Scott; Gordon, Hey and McCuaig and Pitcher, equal; Lennon, Brown, Nichols, W. *Class III.*—Schwartz, Watters, Locke; Chalmers and St. equal; Pollock, Scrimger, Bates; McMartin and Henderson, equal; Mitchell; McBurney and Macphail, equal; Denoon; Moore and Turner, equal; Stockwell, Benny; Howell and Hinds, equal; Hamilton, Krause.

FIRST YEAR.—*Class I.*—Bruce, McKay (H.); Holden and Macgregor and Mackay (M.) and Steacy, equal; McLeod and Saxe, equal; Walbridge, Cameron, Wyman (D. B.), Campbell (R. P.); Harrington and Galt, equal. *Class*

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*II.*—Doull; Meyer and Boyce, equal; Douglas; Brown and Ross (E.), and Russel and Smith, equal; Ker and Shaw and Young, equal; McLean and Stephen, equal. *Class III.*—Gowan; Ross (A. R.) and Wyman (H. B.), equal; Armstrong and Macfarlane, equal; Trenholme; Mallinson and Stevenson, equal; Cunningham and Larmonth, equal; Howard, Willis, Ives, Overing, Hill, Bickerdike, McMaster, Botterell, Crozier, Marler and Warren, equal; Ziegler.

## TRIGONOMETRY AND ALGEBRA.

SECOND YEAR.—*Class I.*—Robertson, Hutchinson, Ross; Molson and Stockwell equal. *Class II.*—Saunders, Hammond, Ferguson; Hurst and Smiley, equal; Nicholls; Cole and McCuaig, equal; Gordon and Schwartz equal. *Class III.*—Archibald and Howell, equal; Bates; Lennon and Pitcher, equal; Brown and Pollock, equal; Henderson; Campbell and Mitchell and Scott, equal; Hill; Chalmers and Turner, equal; Locke and Watters, equal; Benny and St. James, equal; Hinds; McBurney and Moore, equal; Macphail; Denoon and McMartin, equal.

FIRST YEAR.—*Class I.*—Saxe; Cameron and Macgregor, equal; Mackay (M.), Holden, Steacy; Ker and Wyman (H.), equal; Bruce and Wyman (D. B.), equal; Mackay (H). *Class II.*—Stevenson, Galt, Young, Browne, Walbridge. *Class III.*—Campbell (R. P.) and Ross (A. R.) and Boyce, equal; McLean and Doull, equal; Mallinson; Harrington and Ives; equal; Ross (E.), Howard, Russell, Larmonth, Macfarlane, Smith, Cunningham and McMaster and Marler and Trenholme and Willis, equal; Meyer; Armstrong and Stephen, equal; McLeod, Gowan Bickerdike, Botterell, Douglas, Hill.

## HONOUR EXAMINATION IN MATHEMATICS AND NATURAL PHILOSOPHY.

B.A.—*Second Rank Honours.*—Smith (Alistair.)

THIRD YEAR.—*First Rank Honours.*—Howard.

SECOND YEAR.—*First Rank Honours.*—Robertson; Hutchinson.

FIRST YEAR.—*First Rank Honours.*—Bruce.—*Second Rank Honours.*—Mackay (Malcolm); Cameron (M. T.)

## FRENCH.

FOURTH YEAR.—*Class I.*—Harper, Ogilvy (I.), Blackett, Ogilvy (Chs.), Bickerdike, Boyd, Shaw. *Class II.*—Hargrave, Fraser, Bond; Barlow and Duclos equal; Craig. *Class III.*—Brown, Mackenzie, Lewis.

THIRD YEAR.—*Class I.*—\*Johnson and Wilson, equal; MacGregor, Radford, Levy (*prize*); Armstrong (E.) and Watson equal; Craig. *Class II.*—Burnet and Whiteaves, equal; Armstrong (E. N.), Gustin. *Class III.*—Fourney, Smyth, Cushing.



**SECOND YEAR.—Class I.—Smiley (prize), Benny, St. James (prize); Mitchell, Henderson; Molson and Ross, equal; Cole and Fergusson, equal; Saunders; Archibald and Hinds, equal; Campbell, Scott; Hurst and Schwartz, equal; Nichols; Scrimger and Stuart, equal; Hammond and Locke and Watson, equal. Class II.—Hill and Pitcher, equal; McCuaig, Waters, Turner; McMartin and Pollock, equal; Hutchinson, Krause, Denoon; Brown and McBurney, equal; Stockwell. Class III.—MacPhail, Kennedy, Chalmers, Walker, Moore, Pinder, Graham.**

**FIRST YEAR.—Class I.—Smith (prize), Cameron, Holden; Doull and Wyman, equal; Ker, Ross (A.R.), Coussirat, Bruce, Howard. Class II.—Young, McFarlane, Galt, Mackay (H.), Campbell, Walbridge, Mackay (M). Class III.—Browne, Shaw, Stephen, Ives, McMaster, Armstrong, Saxe, Bickerdike, Stevenson, Warren, Ross (E.), Marler, Harrington; Cunningham, equal; Botterell and Larmont and Russell. equal.**

GERMAN.

**THIRD YEAR.—Class I.—Levy (Prize), Wilson, Whiteaves, Armstrong. Class II.—\*Johnson.**

**SECOND YEAR.—Class I.—Hammond (Prize); Mitchell and Hurst, equal; Nicholls, Locke, Hutchinson, Robertson; Krause and Hill, equal; Pitcher and Denoon and Watson, equal. Class II.—Gordon and Howell, equal; Macphail, McBurney. Class III.—Pinder, Graham.\***

\* Partial.

**FIRST YEAR.—Class I.—Cameron (Prize); Pattison (B. A.), and Holden, equal; Doull, Young, Galt. Class II.—Walbridge, Bickerdike, Shaw, Ross, Stephen, Johnson. Class III.—Warren, Willis, Dover, Hill.**

HEBREW

**B.A. ORDINARY.—Class I.—Day (F. J.). Class II.—Naylor, Bremner. Class III.—Davis, MacGregor.**

**THIRD YEAR.—Class I.—Keith (Prize), Ball. Class II.—Wallace. Class III.—Brown (J. L.).**

**SECOND YEAR.—Class I.—Bates, Lennon (Prize). Class II.—Milliken, Humphrey. Class III.—Brown (Th.) and Peever and Mount, equal; Sing, Extence, Mason, Fairbairn, Jackson, Jamieson.**

**FIRST YEAR.—Class I.—Belton, Internoscia (B. A.), Wyman (D. B.) (Prize), Pollock; Stacy and Cleland, equal; McLeod (D. M.). Class II.—Ferguson (H.) and Horsey, equal; Smith; McAteer and Kelly, equal; Fraser and Eagleson and Boyce, equal; Watt (J. C.) and Leitch, equal; Genova, Mair, Douglas; Mallinson and McLean, equal. Class III.—Young (S.), Wilson, Ziegler, Shaw; Menançon and Brace, equal; Crozier and Overing, equal; Gourlay, Gowan, Young (H.), Biron.**

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## HONOUR EXAMINATIONS IN SEMITIC LANGUAGES AND LITERATURE.

B. A.—*First Rank Honours and Governor General's Medal.*—F. J. Day.

THIRD YEAR.—*First Rank Honours.*—N. D. Keith.

*The Neil Stewart prize.*—F. J. Day.

## GEOLOGY AND MINERALOGY.

FOURTH YEAR.—*Class I.*—Barlow, Craig, Fraser, Ogilvy (I.). *Class II.*—Naylor; MacGregor and Blacket and Sing, equal; Graham (A.) and Warner, equal; Brown (J.); Harvey and McConnell, equal; Shaw, Stewart, Boyd, Graham (F. H.), Duclos, Fairbairn, Ogilvy (C.); Leitch and Peever, equal; Bethell and Davis (E. A.), equal; Garrett and Mathers, equal; Hanran and Hargrave, equal; Lambly. *Class III.*—Ireland, MacKeracher, Bremner, Calvert, Ellicott; Murray and Lewis, equal.

## ZOOLOGY.

THIRD YEAR.—*Class I.*—Travis (*Prize*), Sutherland (*Prize*), Keith, Armstrong (Ethel); McIntosh and \*Brace, equal; Cameron and Wilson, equal Radford and Wallace, equal; Whiteaves. *Class II.*—Le Roy, Watson McNaughton, Gustin, \*Smith (W. A.), Cushing; McAteer and Young (S.), equal; Rogers, Armstrong (Edgar). *Class III.*—\*Belton; Burnet and McEwan, equal; Eagleson; Crombie and Fourney, equal; Smith (S. E.), Young (H.), Weir, Smith (H. L.), \*Seller, \*Wilson (A. C.); Pater; son and Walker, equal.

## BOTANY.

THIRD YEAR.—*Class I.*—Pattison.

SECOND YEAR.—*Class I.*—Scott (*Prize*), Hammond (*Prize*), Smiley, Campbell, Cole; Nicholls and Hill, equal; Ferguson, Lennon, Mitchell, Henderson, Locke; Watson and Pitcher, equal. *Class II.*—Bates, McMartin,\* McCuaig; St. James and Archibald, equal; Stockwell and Watters, equal; Scrimger, Gordon, Chalmers; Molson and Schwartz, equal; Krause and Macphail and Pollock and Ross, equal; Saunders and McCallum, equal; Denoon. *Class III.*—Benny,\* Brown, Hamilton,\* Hinds, Hurst, McBurney, Turner, Pinder.

## CHEMISTRY.

THIRD YEAR (Additional)—*Class II.*—Watson.

FIRST YEAR.—*Class I.*—Pattison (B. A.), Browne (J. G.) (*Prize*), Boyce, Harrington. *Class II.*—Saxe; Bruce and Steacy, equal; Ross (A. R.), Young; Mackay (M.) and Wyman (D. B.), equal; Campbell, Mackay (H.), Ives. Ross (E.); Armstrong and Douglas and Mallinson and Smith, equal. *Class III.*—Ker and McLean and Wyman (H. B.), equal; Doull; McLeod and Holden, equal; Milliken, Cunningham, Cameron; Galt and Gowan

equal; Howard and McMaster, equal; Marler and Stuart, equal; Dover and Stevenson, equal; Bickerdike, Larmonth; Macfarlane and Overing, equal; Oke and Walbridge and Wilson, equal Brown (T.) and Cousirat, equal; Willis.

## WICKSTEED SILVER MEDAL FOR PHYSICAL CULTURE.

FOURTH YEAR.—DICKSON, SYDNEY M.

## DONALDA PRIZES FOR PHYSICAL CULTURE.

*Graduating Class.*—Warner, Agnes.*Undergraduates.*—Travis, Katharine.

## MORRIN COLLEGE.

## B.A. ORDINARY.

GREEK.—*Class I.*—Fraser.LATIN.—*Class I.*—Fraser.MECHANICS AND HYDROSTATICS.—*Class III.*—Fraser.ASTRONOMY AND OPTICS.—*Class II.*—Fraser.MORAL PHILOSOPHY.—*Class I.*—Fraser.FRENCH.—*Class III.*—Fraser.

## INTERMEDIATE.

GREEK.—*Class I.*—Langlois. *Class III.*—Taylor, DrumLATIN.—*Class I.*—Langlois. *Class II.*—McWilliam. *Class III.*—Taylor, Drum, Bishop.LATIN PROSE.—*Class II.*—Langlois. *Class III.*—Drum, McWilliam, Taylor.TRIGONOMETRY AND ALGEBRA.—*Class I.*—Langlois. *Class II.*—Taylor. *Class III.*—MacWilliam, Bishop.GEOMETRY AND ARITHMETIC.—*Class I.*—Langlois. *Class II.*—McWilliam. *Class III.*—Taylor, Drum, Bishop.LOGIC.—*Class I.*—McWilliam, Langlois. *Class II.*—None. *Class III.*—Taylor, Bishop.ENGLISH LITERATURE AND HISTORY.—*Class I.*—McWilliam. *Class II.*—Langlois. *Class III.*—Drum.FRENCH.—*Class I.*—Taylor, McWilliams, Langlois. *Class III.*—Drum, Bishop.GERMAN.—*Class I.*—McWilliam.

## ST. FRANCIS COLLEGE.

## INTERMEDIATE.

GREEK.—*Class II.*—Paterson. *Class III.*—Coburn, Vaudry.LATIN.—*Class II.*—Paterson. *Class III.*—Coburn and Vaudry.LATIN PROSE COMPOSITION.—*Class II.*—Paterson. *Class III.*—Coburn.

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GEOMETRY A  
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FRENCH.—*Cl*  
CHEMISTRY.—  
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TRIGONOMETRY AND ALGEBRA.—*Class I.*—Paterson. *Class III.*—Vaudry, Coburn.  
 GEOMETRY AND ARITHMETIC.—*Class II.*—Paterson. *Class III.*—Coburn, Vaudry.  
 LOGIC.—*Class I.*—Coburn. *Class II.*—Paterson. *Class III.*—Vaudry.  
 ENGLISH LITERATURE AND HISTORY.—*Class III.*—Vaudry, Paterson.  
 FRENCH.—*Class III.*—Coburn, Vaudry, Paterson.

## STANSTEAD WESLEYAN COLLEGE.

## INTERMEDIATE.

GREEK.—*Class III.*—Ryan.  
 LATIN.—*Class II.*—Rugg, Howard; Bryant and Ryan, equal.  
 LATIN PROSE COMPOSITION.—*Class II.*—Bryant and Rugg, equal; Howard, Ryan.  
 TRIGONOMETRY AND ALGEBRA.—*Class II.*—Rugg, Bryant, Howard. *Class III.*—  
 Ryan.  
 GEOMETRY AND ARITHMETIC.—*Class I.*—Bryant, Rugg. *Class II.*—Ryan, Howard.  
 LOGIC.—*Class I.*—Rugg. *Class II.*—Howard. *Class III.*—Bryant, Ryan.  
 ENGLISH LITERATURE AND HISTORY.—*Class II.*—Bryant. *Class III.*—Howard.  
 FRENCH.—*Class I.*—Bryant. *Class II.*—Rugg. *Class III.*—Howard, Ryan.  
 GERMAN.—*Class I.*—Rugg, Bryant, Howard.

## FIRST YEAR.

GREEK.—*Class II.*—McNaughton. *Class III.*—Whitcher, DuBoyce, Vaughan.  
 LATIN.—*Class I.*—McNaughton. *Class II.*—Terrill and Whitcher, equal. *Class III.*—  
 DuBoyce and Vaughan, equal; Nunns.  
 TRIGONOMETRY AND ALGEBRA.—*Class II.*—Whitcher, McNaughton. *Class III.*—  
 Nunns, Terrill, DuBoyce, Van Vleet, Vaughan.  
 GEOMETRY AND ARITHMETIC.—*Class I.*—McNaughton. *Class III.*—Vaughan  
 Nunns, DuBoyce, Whitcher, Van Vleet.  
 GERMAN.—*Class III.*—Terrill, Van Vleet.  
 FRENCH.—*Class III.*—DuBoyce, MacNaughton.  
 CHEMISTRY.—*Class III.*—Whitcher, Vaughan.  
 ROMAN HISTORY.—*Class II.*—DuBoyce and McNaughton and Terrill, equal. *Class III.*—  
 Nunns and Vaughan, equal; Whitcher.

## FACULTY OF APPLIED SCIENCE.

### FOURTH YEAR. (GRADUATING CLASS.)

- HENRY MARTYN MACKAY, B.A.—Governor General's Medal; British Association Exhibition of \$50.00 Honours in Theory of Structures, Hydraulics, Designing and Geodesy; Prize for Astronomical Work.
- ALEXANDER SCOTT DAWSON.—Prize for Summer Essay (\$25.00); Honours in Theory of Structures and Hydraulics; Prize for Astronomical Work.
- FRANK HENRY PITCHER.—Honours in Thermodynamics and Dynamics of Machinery, Prize for Summer Essay.
- ALFRED COLLYER.—Prize of a Weston Voltmeter (\$75.00), for Work in Electrical Laboratory.
- EDWARD DARLING.—British Association Medal; Honours in Machine Design, Mechanical Drawing, and Designing, Prize for Summer Essay.
- WILLIAM ARCHIBALD DUFF.—Honours and Professor's Prize in Thermodynamics; Honours in Dynamics and Machinery and Designing.
- ARTHUR LANGLEY MUDGE.—Honours in Designing.
- JAMES SHEARER COSTIGAN.—Honours in Designing, Prize for Summer Essay
- JOHN HERBERT LARMONTH.—Prize for Summer Essay.
- ARTHUR AUGUSTUS COLE, B.A.—Honours in Designing, Assaying and Metallurgy; First Rank Honours in Natural Science.
- ORTON EDWARD SIMPSON WHITESIDE.—Honours in Metallurgy and Assaying; First Rank Honours in Natural Science, Prize for Summer Essay (\$25).
- HERBERT MOLSON.—Honours in Metallurgy, Chemistry and Mineralogy.
- ALEXANDER BRODIE.—Honours in Chemistry, Metallurgy and Mineralogy.

### THIRD YEAR.

- Carter, William Frederick.—Prizes for Theory of Structures and Work in Testing Laboratory, Prize for Levelling.
- Dobson, Gilbert Sherwood, B.A.—Prize for Work in Testing Laboratory.
- McDunnough, Ralph Baylis.—Scott Exhibition of \$60; Prizes for Mathematics and Experimental Physics. Machine Design, Dynamics of Machinery Mechanical Drawing.
- King, Robert Owen.—Prizes for Mathematics and Work in Physical Laboratory.
- Currie, William.—Prizes for Theory of Structures, Mathematics, and Work in Testing Laboratory, and Dynamics of Machinery.
- Baker, Hugh C.—Prizes for Work in Physical Laboratory and for Shopwork.
- Robinson, Sampson Paul.—Prize for Experimental Physics.
- Hart, Orobio Chandler.—Prizes for Geology and Mineralogy, and Mining, Logan prize for Collection of Insects.
- Gwillim, John Cole.—Prizes for Theoretical and Practical Chemistry, and Drawing (Mining).
- Wilkin, Francis Alfred.—Prize for Mechanism, Prize for Transit Work.
- Moodie, Kenneth.—Prize for Shopwork and Drysdale Prize.

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## PASSED THE SESSIONAL EXAMINATIONS.

## CIVIL ENGINEERING.

Carter, William Frederick, Cowansville, Que.  
 Dobson, Gilbert Sherwood, B.A., Dorchester, N.B.

## ELECTRICAL ENGINEERING.

King, Robert Owen, Montreal.  
 McDunnough, Ralph Baylis, Montreal.  
 \*Becket, Frederick Mark, Montreal.  
 Scott, Alfred, Port Hope, Ont.

## MECHANICAL ENGINEERING.

Currie, William, Montreal.  
 Baker, Hugh C., Montreal.  
 Robins, Sampson Paul, Montreal.  
 Griffin, Michael Edward, Georgetown, P.E.I.  
 Boright, George Nelson, Sutton, Que.  
 Greig, Alexander R., Montreal. } equal.  
 Angus, William Forrest, Montreal. }  
 McDougall, George Dewar, Amherst, N.S.  
 Nivin, Thomas Francis, Montreal.  
 Moodie, Kenneth, Chesterville, Ont.  
 McNaughton, Peter, Huntingdon, Que.  
 Primrose, John, Pictou, N.S.  
 Rogers, Frank Doughty, Montreal.

## MINING ENGINEERING.

Hart, Orobio Chandler, Cowansville, Que.  
 Wilkin, Francis Alfred, Calgary, N.W.T.  
 Gwillim, John Cole, Winnipeg, Man.  
 \* Askwith, William Robert, New Edinburgh, Ont.

## SECOND YEAR.

Stewart, Robert Holden.—Prizes for Mathematics, Physical Laboratory Work  
 Descriptive Geometry, Mapping (Mining), Surveying, and Fieldwork (Surve-  
 ying).

Chase, Harry A.—Prize of \$40 for Entrance Examination.

Kenny, Thomas Frederick.—Prize for Experimental Physics.

Killaly, Hamilton McM., B.A.—Prizes for Mapping (Civil) and Surveying.

Green, Joseph Samuel Raoul.—Prizes for Zoology, English and French.

Courtice, Francis E.—Prizes for German and Mechanism.

Gill, James Lester Willis.—Prizes for Shopwork and Mechanism, Wicksteed Bronz  
 Medal for Physical Culture.

\* Supplemental in one subject.



## PASSED THE SESSIONAL EXAMINATIONS.

## CIVIL ENGINEERING.

- Hare, George Gray, St. John, N.B.  
 Killaly, Hamilton McM., Morrisburg, Ont.  
 Reinhardt, Carl, Montreal.  
 \* Denis, Théophile, Montreal.  
 \* Ogilvie, William Morley, Cumming's Bridge, Ont.

## ELECTRICAL ENGINEERING.

- Chase, Harry A., Kentville, N.S.  
 Jaquays, Homer Morton, B.A., Montreal.  
 Wright, Charles Harvey, Renfrew, Ont.  
 Dougall, George Matile, Montreal.  
 \* Howe, Ralph Edwin, B.A., Hatley, Q.

## MECHANICAL ENGINEERING.

- Gill, James Lester Willis, Little York, P.E.I.  
 Courtice, Francis Edward, Port Perry, Ont.  
 Kenny, Thomas Frederick, Ottawa, Ont.  
 Hunter, John William, Kingston, Ont.  
 Clarke, Ernest Randolph, Stratford, Ont.  
 McDougall, William, Ormstown, Que.  
 Smail, Albert Edward, Montreal.  
 White, Frank Herbert, Montreal.  
 Walkem, George Alexander, Kingston, Ont.  
 \* Rutherford, Gordon Scott, Montreal.

## MINING ENGINEERING.

- Stewart, Robert Holden, Montreal.  
 Green, Joseph Samuel Raoul, Montreal.  
 Mussen, Horace W., Aurora, Ont.  
 \* Archibald, William Munroe, Truro, N.S.  
 \* Webb, William Morton, Petrolia, Ont.  
 \* Metcalfe, Thomas Henry, Montreal.  
 Rutherford, Forrest, Montreal.

## PRACTICAL CHEMISTRY.

- McCallum, Arthur, Maxwell, Ont.

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Supplemental in one subject.

Stovel, Russ  
 Work in  
 Newcombe,  
 Turnbull, Jc  
 Guthrie, No  
 English  
 Staples, Cla  
 Thompson, F  
 Macdonald, J  
 Hillary, Geo

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\*Suppleme

## FIRST YEAR.

Stovel, Russell Wellesley.—Prizes for Descriptive Geometry, Mathematics, and Work in Mathematical Laboratory.

Newcombe, Avarad B., Matriculation Prize of \$22.50.

Turnbull, John Moncrieff.—Matriculation Prize of \$22.50.

Guthrie, Norman Gregor. Prizes for Theoretical and Practical Chemistry English and German.

Staples, Clark.—Prize for Freehand Drawing.

Thompson, Frederick William.—Fleet Prize for Shopwork.

Macdonald, James E.—Matriculation Prize of \$15.

Hillary, George M.—Matriculation Prize of \$10.

## PASSED THE SESSIONAL EXAMINATIONS.

Stovel, Russell Wellesley, Toronto, Ont.

Thomson, Clarence, Montreal.

Guthrie, Norman Gregor, Guelph, Ont.

Turnbull, John Moncrieff, Montreal.

MacKinnon, George Douglas, Charlottetown, P.E.I.

Macdonald, James Ewan, Providence, R.I., U.S.A.

Thomson, Henry Nellis, Quebec, Que.

MacLeod, George Roderick, Uigg, P.E.I.

Thomson, Frederick William, Coaticook, Que.

Burnham, Harold Bostwick, Peterboro, Ont.

Macdonald, Peter William, West Bay, N.S.

Connal, William Ferguson, Peterboro, Ont.

Travis, Berton Cecil, Hampton, N.B.

Bell, John Wainwright, Montreal.

Angel, Frederick W., St. John's, Newfoundland.

Davidson, Shirley, Montreal.

Hillary, George M., Whitby, Ont.

Ross, John Kenneth, Montreal.

\*Mackie, James D., Kingston Station, Ont.

Pitcher, Norman Charles, Montreal.

Walters, Morley, Hull, Que.

Symmes, Howard Church, Aylmer, Ont.

\*Newcombe, Avarad Borden, Lakeville, N.S.

Haycock, Richard Lafontaine, Ottawa, Ont.

Blair, David Edward, Chicoutimi, Que.

Staples, Clark, Balsam Lake, Ont.

\*Suter, Robert William, Carleton Place, Ont.

\*Packard, Francis Lucius, Montreal.

Beatty, David Herbert, Sarnia, Ont.

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\*Supplemental in one subject.

- \*McKibbin, Frederick William James, Peterboro, Ont.  
 Yorston, Louis, Pictou, N.S.  
 Sise, Charles Fleetford, Montreal.  
 \*Kennedy, Lindsay Russel, Pembroke, Ont.  
 \*Edward, John R., Outremont, Que.  
 \*Dougall, Ralph, Montreal  
 \*Reid, Robert G., Montreal.  
 \*Archibald, Harry P., Antigonish, N.S.  
 \*Bovey, Edward Palk, Torquay, England.  
 \*Macbean, Stanley Lorne, Montreal.  
 \*Desbarats, Charles Henry Hullett, Montreal.

## STANDING IN THE SEVERAL SUBJECTS.

## ENGLISH.

- SECOND YEAR.—*Class I.*—Green, Hare, Mackie; Dougall (G.) and Webb and Courtice and Stewart, equal; McDougall and McLaren, equal; Chase.  
*Class II.*—Mussen and McCallum and Balfour, equal; Bayfield; Smaill and Wright, equal; Clarke and Kenny, equal. *Class III.*—Gill and White, equal; Archibald, Metcalfe, Denis, Ferguson, Walkem, Sise, Alley, Reinhardt; Rutherford (G.) and Hunter, equal; Ogilvie.
- FIRST YEAR.—*Class I.*—Guthrie, Macleod, Suter, Thomson (C.), Stovel. *Class II.*—Davidson and Macdonald (J. E.) and Craig\* and Packard, equal; Burnham, Staples, Thomson (H. N.); Angel and McBean, equal. *Class III.*—Bovey, Turnbull; Travis and Ross, equal; Connal; Bell (J. W.), and Edward and McKinnon, equal; Drinkwater and Macdonald (P. W.), equal; Hillary and Thompson (F. W.), equal; Archibald, Campbell, Colson; Newcombe and Yorston, equal; Beatty and Symmes, equal; Pitcher and May and Simpson, equal; Paradis and Reaves\* and Reid, equal; Finnie, Kennedy\* equal; McKibbin and Walters,\* equal; Blair, Dougall and Mitchell (N. S.)\* and Desbarats, equal; Holland.

## FRENCH.

- SECOND YEAR.—*Class I.*—Green, Denis, Gill, Wright, Hare. *Class II.*—Chase; Metcalfe, White (F. H.), Clarke; Dufresne and Webb, equal; Smaill.  
*Class III.*—Bayfield, Rutherford (G. S.), Balfour, Rutherford (S. F.), Reinhardt, Alley.
- FIRST YEAR.—*Class I.*—Desbarats, Thomson (C.) *Class II.*—Thomson (H. N.).  
*Class III.*—Bell (J. W.) and Lacroix, equal; Stovel, Macleod, Ross, Blair, Thompson (F.); Connal and Edward, equal; Packard; Colson and Turnbull, equal; McKinnon; Macbean and Macdonald (P. W.), equal; Corriveau and Pitcher, equal; Symmes.

## GERMAN.

- SECOND YEAR.—*Class I.*—Courtice, McCallum, Kenny. *Class II.*—Hunter, McDougall, McLaren, Walkem. *Class III.*—Mussen, Buchanan, Ferguson, Bishop, Olive, Ogilvy, Archibald.

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FIRST YEAR.—*Class I.*—Guthrie, Burnham, Aylmer, Macdonald (J. E.), Hillary, Travis. *Class II.*—Suter, Angel. *Class III.*—Beatty, Craig; Campbell and Walters, equal; May, Yorston; Simpson and Archibald, equal; Staples and Finnie, equal; Vickerson, Kennedy, Mitchell (N. C.), Dougall (R.), Bovey, Holland, Reid.

## CHEMISTRY.

FIRST YEAR.—*Class I.*—Guthrie, Thomson (C.), Turnbull. *Class II.*—McKinnon, Thomson (H. N.); MacDonald (P. W.) and Macleod and Ross, equal; Stovel and Thompson (F. W.), equal; Burnham and Macdonald (J. E.), equal; Archibald; Haycock and Hillary, equal; Newcombe and Pitcher, equal; Connal and Dougall (R.), equal; Davidson, Bell (J. W.), Travis, Edward. *Class III.*—Blair; Angel and Symmes, equal; Walters; Packard and Suter, equal; Bovey and Yorston, equal; Aylmer and Mitchell (N. S.), equal; Desbarats; Beatty and Drinkwater and Macbean and Staples, equal; McRae and Reaves, equal; Colson and McKibbin, equal.

## PRACTICAL CHEMISTRY.

FIRST YEAR.—*Class I.*—Grant and Guthrie, equal; Thompson (F. W.); Bell (J. W.) and Thomson (H. N.) and Turnbull, equal; Paradis; Angel and Bovey and Connal and Macdonald (J. E.) and Macdonald (P. W.) and Ross and Stovel, equal; Symmes, Aylmer; Davidson and Hillary and McKinnon and MacLeod and Pitcher and Simpson and Suter, equal; MacKenzie; Burnham and Campbell and Desbarats and Newcombe and Thomson (C.) and Walters, equal. *Class II.*—Drinkwater and Haycock and Vickerson, equal; Travis, Staples, Barber, Finnie; Dougall (R.), and Packard and Reaves, equal; Archibald and Macbean, equal; Bell; (R. A. S.) and Ewan, equal; Yorston; Gisborne and McKibbin, equal; Lacroix. *Class III.*—Corriveau and Edward, equal; Kennedy and May, equal; Mitchell (N. S.); Blair and McRae, equal; Craig, Beatty, Mitchell (N. C.).

## MATHEMATICS.

THIRD YEAR.—*Class I.*—Currie, King, McDunnough, Hart, Wilkin, Carter, *Class II.*—McDougall, Dobson, Scott, Angus; Baker and Rutherford (F.), equal; Greig and Griffin, equal; Boright, Robins. *Class III.*—Gwillim-Rogers, Nivin, \*Primrose; \*Becket and \*McNaughton, equal; Dougall, (W.), Blackburn, \*Johnson, \*Moodie.

SECOND YEAR.—*Class I.*—Stewart, Courtice, Gill, Chase, Kenny, Archibald, Hare. *Class II.*—Clarke, Killaly, Hunter, Wright, Jaquays, Walkem, Green, Reinhardt, Dufresne, White; Howe and McDougall (W.) and Mussen, equal; Denis and Dougall (G. M.), equal. *Class III.*—Rutherford (S.), Ogilvie, \*McLaren, Smail, Rutherford (G.), Webb, \*Metcalf, \*Olive, \*Bishop.

FIRST YEAR.—*Class I.*—Stovel, Thomson (C.), Connal, Macdonald (J. E.), Thomson (H. N.), Turnbull, MacKinnon, Burnham, Macdonald (P. W.). *Class II.*—Guthrie and Macleod, equal; Davidson and Mackie, and Walters, equal; Travis, Thompson (F. W.), Ross, Bell (R. A. S.), Newcombe, Pitcher; Bell (J. W.) and Hillary, equal; Angel, Sise, McKibbin, Kennedy. Packard. *Class III.*—Blair, Suter, Haycock, Campbell, Beatty, Symmes, Yorston; Dougall (R.) and †Edward, equal; \*Reid, Staples, †Paradis.

\* To pass Supplemental in Mechanics.  
 † “ “ “ “ Trigonometry.

EXPERIMENTAL PHYSICS.

*Heat and Light.*

SECOND YEAR.—*Class I.*—Kenny; Jaquays and Stewart, equal; Green, Gill, Hart; Courtice and Wright, equal; Chase, Killaly, White (W. T.), Hunter, Smaill. *Class II.*—McDougall and Mussen, equal; Dougall (G. M.) and Howe, equal; Clarke and McCallum, equal; Walkem, Webb, Metcalfe, Johnson (W. S.), Reinhardt. *Class III.*—McLaren, Archibald, Rutherford (G.), Denis, Ogilvie, Rutherford (S. F.), Ferguson, Bishop, Buchanan, Bayfield, Dufresne.

*Electricity, Magnetism and Sound.*

THIRD YEAR.—(*Civil, Mechanical and Mining Courses*).—*Class I.*—Robins Wilkin, Greig, Hart. *Class II.*—Baker, Gwillim, Dougall (W.), Dobson; Askwith and Currie, equal; Angus, Boright. *Class III.*—McNaughton; Carier and Griffin, equal; Nivin, McDougall and Primrose, equal; Moodie, Rogers.

(*Electrical Engineering*).—*Class I.*—McDunnough, King. *Class II.*—Becket. *Class III.*—Johnson (E. P.) and White, equal; Scott, Trenholme.

SUMMER ESSAYS.

FOURTH YEAR.—*Class I.*—Dawson (*Main Line Changes*) and Pitcher, equal; Darling (*Experiments on Thermal Conductivity*) and Costigan (*Calorimetry and Conductivity Tests*), and Larmonth (*Calorimetry and Conductivity Tests*), equal; Duff (*Westing-House Automatic 100 H. P. Standard Engine*) and Dyer (*Manufacture and uses of Wire*) and Whiteside (*Coal Mining, Pictou, N. S.*), equal; Brodie (*Ferns*) and Mackay (*Water Supply, Pictou, N. S.*) and Scammel (*Wooden Bridge Construction*) equal; Cole (*Laurentian Limestones*) and Collyer (*Car Repairing and Equipment, and Running of Power House, M. S. R.*) and Connor (*Fermentation*) and Molson (*Petroleum*), equal. *Class II.*—Lambert (*Mining Notes*) and Mudge (*Power Hammers*) and Scott (*Forged Cutting Tools*), equal. *Class III.*—Leach (*Gold and Gold Mining*) and Lonergan (*Water Works and Elec. Light*), equal; Gunn (*Mining in the Prov. of Quebec*), Longworth (*Installation of Electric Plant*), Morris.

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THIRD YEAR.—*Class I.*—Carter (*Road Making*) and Dougall (W. (*Montreal Street Paving*)) and Gwillim (*Geology of Keewatin*), equal; Greig (*Transmission of Power by Wire Rope*). *Class II.*—Robins (*Compensation in Time Pieces*) and Rogers (*Locomotive Construction*) and Wilkins (*Hydrographic Survey*), equal; Blackburn (*Corliss Engine Building*); Askwith (*Rock Blasting*) and Griffin (*Forging and Welding*), equal; Trenholme (*Adjustment of a Lathe*), Currie (*Paper Mill*), McNaughton (*Water Works, Huntingdon, P.Q.*), Nivin (*Corliss Engines for London Elec. Works*), McDougall (G. D.) (*Iron Foundry*), Moodie (*Turning Tapers*), Turner (*The Foundry*), Boright (*Locomotive Construction*) and Hart (*Mine Surveying*), equal; Becket (*Intramural Elec. R. R. Columbian Fair*) and Dobson (*The Sun*), equal. *Class III.*—Primrose (*Locomotive Repairs*), Baker (*Locomotive Construction*) and White (*Elec. Street Ry.*), equal; Johnson (E.P.) (*Ottawa Elec. Ry.*) and Van Barneveld (*Works and Mines of the New Glasgow Coal & Iron Co.*), equal; King (*Electric Welding and Forging*), McDunnough (*Construction of T. and H. Arc Light Dynamo*), Angus, (*Stationary Engines for Electric Street Ry.*), Scott (*Electric Bells*).

## CHEMISTRY.

FOURTH YEAR.—(*Chemistry Course*).—*Class I.*—Brodie and Molson, equal; Connor.

THIRD YEAR.—(*Mining Engineering Course*).—*Class I.*—Gwillim, Askwith, Hart Wilkin. *Class II.*—Johnson. *Class III.*—Van Barneveld.

SECOND YEAR.—(*Chemistry Course*).—*Class I.*—McCallum.

SECOND YEAR.—(*Mining Engineering*).—*Class I.*—None. *Class II.*—Rutherford (F.), Green, Stewart, Mussen, Archibald. *Class III.*—Webb, Buchanan

## PRACTICAL CHEMISTRY.

FOURTH YEAR.—(*Chemistry Course*).—*Class I.*—Molson, Brodie. *Class II.*—Connor.

THIRD YEAR.—(*Mining Engineering Course*).—*Class I.*—Gwillim and Johnson, equal; Wilkin; Askwith and Hart, equal. *Class II.*—Van Barneveld.

SECOND YEAR.—(*Chemistry Course*).—*Class I.*—McCallum.

## DETERMINATIVE MINERALOGY.

THIRD YEAR.—(*Mining Course*).—*Class I.*—Gwillim. *Class II.*—Hart, Johnson. *Class III.*—Askwith and Wilkin, equal; Van Barneveld.

GEOLOGY (*Advanced*).

FOURTH YEAR.—*Class I.*—Cole and Whiteside, equal. *Class II.*—Leach, Lambert. *Class III.*—Gunn.

## MUSEUM WORK IN GEOLOGY AND MINERALOGY.

FOURTH YEAR.—*Class I.*—Cole. *Class II.*—Whiteside and Leach, equal; Lambert. *Class III.*—Gunn.

## SURVEYING.

THIRD YEAR.—*Class I.*—None. *Class II.*—Hart, Rutherford (F.), Wilkin Dobson and Van Barneveld, equal; Gwillim, Carter. *Class III.*—Askwith.

SECOND YEAR.—*Class I.*—Stewart and Killaly, equal. *Class II.*—Hare, Archibald, Reinhardt, Webb, Metcalfe, Green, Johnson (W. S.); Denis and Ogilvie, equal. *Class III.*—Dufresne, Mussen, Buchanan.

## SURVEYING FIELD WORK.

THIRD YEAR.—*Class I.*—None. *Class II.*—Carter, Wilkin, Dobson, Rutherford (F.). *Class III.*—Gwillim, \*Van Barneveld, Hart, \*Dougall (W.) and Askwith, equal.

SECOND YEAR.—*Class I.*—Stewart. *Class II.*—Killaly, Webb, Hare; Mussen and Reinhardt, equal; Green, Archibald, Dufresne, Denis. *Class III.*—Ogilvie, Johnson (W. S.), Metcalfe.

\*Supplemental in instrument work.

## GEODESY.

FOURTH YEAR.—*Class I.*—Mackay. *Class II.*—Dawson and Lonergan, equal.

## PROJECTION AND GEOMETRICAL DRAWING.

FIRST YEAR.—*Class I.*—Stovel, Turnbull, McKinnon, Guthrie, Corriveau; Bell (J.W.) and Macdonald (P.W.) and Travis, equal; Bell (R.A.) and McRae, equal. *Class II.*—Macleod; Mackie and Ross and Thomson (C.) equal; Angel, McDonald (J.E.), Thompson (F.W.), Archibald, Davidson, Blair, Symmes; Connal and Hillary and Thomson (H.N.), equal; Reaves; Burnham and Staples, equal; Beatty and Grant, equal; Kington, McKibbin; Lacroix and Pitcher and Walters, equal. *Class III.*—Bovey, and May, equal; Kennedy, Yorston; Gisborne and Holland, equal; Desbarats and Macbean, equal; Finnie and Colson, equal; Newcombe Reid; Drinkwater and Dougall (R.), equal.

## FREEHAND DRAWING.

FIRST YEAR.—*Class I.*—Staples, McRae, Gisborne, Angel; Thomson (C.) and McKinnon, equal; Beatty. *Class II.*—Guthrie and Turnbull, equal; Stovel, Bell (J.W.), Newcombe, Finnie, Davidson; Archibald and Bovey and Macdonald (P.W.) and Thompson (F.W.) and Thomson (H.N.) equal; May and Symmes, equal; Macbean and Walters, equal; Blair; Colson and Macleod, equal; Travis, Drinkwater; Pitcher and Reaves and Bell (R.A.S.), equal; Mitchell (N.S.) and Ross and Vickerson, equal; Campbell and Packard and Suter, equal. *Class III.*—Burnham and

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Kennedy, equal; Connal and Grant, equal; Hillary and Macdonald (J. E.), and Mckenzie and McKibbin, equal; Holland, Edward, Desbarats; Paradis and Lacroix, equal; Yorston, Dougall (R.); Corriveau and Mitchell (N. C.), equal.

## MAPPING.

THIRD YEAR.—(*Civil Engineering Course*).—*Class I.*—None. *Class II.*—Carter, Dobson. *Class III.*—Dougall (W.).

(*Mining Course*).—*Class I.*—Gwillim and Hart, equal; Wilkin, Rutherford (F.).

SECOND YEAR.—(*Civil Engineering Course*).—*Class I.*—Killaly, Reinhardt, Dufresne, Denis. *Class II.*—Hare, Ogilvie.

(*Mining Course*).—*Class I.*—Stewart, Green, Mussen. *Class II.*—Archibald, Webb.

FIRST YEAR.—*Class I.*—McRae; McKinnon and Stovel and Thomson (C.), equal.

*Class II.*—Colson; Walters and Corriveau and Thompson (F. W.), equal; Angel, Turnbull, Thomson (H. N.); Symmes and Madconald, (P. W.), equal; May and Macleod, equal; Bell (R. A.); Kennedy and Edward and Blair and Bell (J. W.), equal; Travis and Ross, equal; Staples, Campbell, McKibbin; Guthrie and Finnie and Drinkwater and Archibald, equal; Hillary; Macbean and Rovey, equal; Paradis and Lacroix and Beatty, equal. *Class III.*—Ritcher and Packard and Newcombe, equal; Simpson; Yorston and Vickerson and Reaves and Barber, equal; Gisborne and Davidson, equal; Mackenzie; Grant and Desbarats and Connal, equal; Mitchell (N. C.), Mitchell (N. S.), Holland; Ewan and Macdonald (J. E.), equal; Suter and Burnham, equal.

## DESCRIPTIVE GEOMETRY.

THIRD YEAR.—*Class I.*—Dobson. *Class II.*—Carter.

SECOND YEAR.—*Class I.*—Stewart; Killaly and Gill, equal; Hare. *Class II.*—Dougall (G. M.), Green, Hunter, Wright, Kenny, Chase; Reinhardt and Smaill, equal. *Class III.*—Courtice; Howe and McDougall, equal; Walkem and Jaquays, equal; Clarke, White; Mussen and Dobson, equal.

## MECHANICAL DRAWING.

THIRD YEAR.—*Class I.*—King, Currie, McDunnough. *Class II.*—Baker and Griffin, equal; Becket, Robins, Moodie, Turner. *Class III.*—Greig, Johnson, McNaughton; McDougall and Angus, equal; White, Primrose, Rogers; Boright and Scott, equal; Blackburn, Nivin, Trenholme.

SECOND YEAR.—*Class I.*—None. *Class II.*—Gill, Hunter, Jaquays, Bayfield Chase; Smaill and McDougall (W.), equal. *Class III.*—Howe, Rutherford (S.), McLaren; Kenny and Wright and Olive, equal; Haycock and Rutherford (G.), equal; Sise, White; Clarke and Walkem, equal; Courtice and Dougall (G.), equal; Balfour and Bishop and Ferguson, equal; Alley.

MINING DRAWING.

THIRD YEAR.—(*Mining Engineering Course*).—*Class I.*—Askwith, Gwillim.  
*Class II.*—Hart, Wilkin, Van Barneveld.

DESIGNING.

FOURTH YEAR.—(*Civil Engineering Course*).—*Class I.*—Mackay, Lonergan, Dawson.  
(*Electrical Engineering Course*).—*Class I.*—Longworth. *Class II.*—Morris, Pitcher. *Class III.*—Collyer.  
(*Mechanical Engineering Course*).—*Class I.*—Darling, Costigan; Duff and Mudge, equal *Class II.*—Dyer, Larmonth.  
(*Mining Engineering Course*).—*Class I.*—Cole, Gunn, Leach, Whiteside. *Class II.*—Lambert.

ZOOLOGY.

SECOND YEAR.—*Class I.*—Green, Stewart. *Class II.*—Rutherford (F.), Mussen, Denis. *Class III.*—Archibald; Dufresne and Ogilvie, equal; Hare, Reinhardt.

GEOLOGY AND MINERALOGY.

THIRD YEAR.—*Class I.*—Hart, Gwillim, Carter. *Class II.*—Wilkin and Dobson, equal; Johnson (E. P.). *Class III.*—Askwith, Van Barneveld, Dougall (W.).

MINERALOGY (ADVANCED).

FOURTH YEAR.—*Class I.*—Brodie, Molson, Whiteside, Connor. *Class II.*—Cole, Leach. *Class III.*—Lambert, Gunn.  
THIRD YEAR.—*Class I.*—None. *Class II.*—Hart, Wilkin, Gwillim. *Class III.*—Van Barneveld, Askwith.

ASSAYING.

FOURTH YEAR.—(*Mining Course*).—*Class I.*—Whiteside, Cole. *Class II.*—Leach, Gunn, Lambert.

METALLURGY.

FOURTH YEAR.—*Class I.*—Molson; Cole and Whiteside, equal; Brodie, Leach, *Class II.*—Connor, Lambert. *Class III.*—Gunn.

BOTANY.

SECOND YEAR.—*Class I.*—None. *Class II.*—McCallum.

MINING.

THIRD YEAR.—*Class I.*—Hart, Gwillim. *Class II.*—Wilkin, Van Barneveld, Askwith.

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## MECHANISM.

SECOND AND THIRD YEARS.—*Class I.*—Courtice and Gill, equal; Chase, Jaquays, Kenny. *Class II.*—Walkem, Hunter, Balfour, Carter. *Class III.*—Dobson, Wright, Clarke, McDougall, Dougall (G.), Rutherford (S.); Rutherford (G.) and Smail, equal; Bayfield, Bishop; Dougall (W.) and White, equal.

THIRD YEAR.—(*Mining Course*).—*Class I.*—Wilkin. *Class II.*—Hart. *Class III.*—Adams, Gwillim, Askwith, Dougall (W.).

## THEORY OF STRUCTURES.

*Ordinary.*

FOURTH YEAR.—(*Civil Engineering Course*).—*Class I.*—Mackay. *Class II.*—Dawson and Lonergan, equal.

THIRD YEAR.—(*Civil, Mechanical and Mining Courses*).—*Class I.*—Carter and Currie, equal. *Class II.*—Hart, Dobson, Boright, Angus, Greig; McDougall (G. D.) and \*Primrose, equal; Wilkin, Adams. *Class III.*—Griffin, Van Barneveld; McNaughton and \*Rogers, equal; \*Robins; \*Baker and Gwillim, equal; \*Blackburn, \*Nivin, \*Askwith; \*Dougall (W.) and \*Turner, equal; †Moodie.

THIRD YEAR.—(*Electrical Engineering Course*).—*Class I.*—King, McDunnough. *Class II.*—None. *Class III.*—\*White (W. T.), \*Trenholme, \*Johnson (E. P.).

*Honours.*

FOURTH YEAR.—*Class I.*—None. *Class II.*—Mackay, Dawson.

THIRD YEAR.—*Class I.*—Carter. *Class II.*—Currie and King, equal; Dobson.

\*Supplemental in Paper II.

+ Supplemental in Paper I.

## HYDRAULICS.

*Ordinary.*

FOURTH YEAR.—*Class I.*—Darling, Duff, Mackay. *Class II.*—Lonergan, White-side, Cole, Adams, Leach; Dawson and Mudge, equal. *Class III.*—Dyer, Larmonth, Costigan; Gunn and Lambert, equal.

*Honours.*

FOURTH YEAR.—*Class I.*—Mackay. *Class II.*—Dawson.

## THERMODYNAMICS.

FOURTH YEAR.—*Class I.*—Duff, Pitcher. *Class II.*—Darling, Mackay, White-side, Longworth, Dobson. *Class III.*—Dyer; Cole and Costigan and Mudge, equal; Collyer, Lambert, Leach, Morris; Adams and Larmonth, equal; Lonergan, Gunn.

## MACHINE DESIGN.

FOURTH YEAR.—*Class I.*—Darling, Mudge. *Class II.*—Duff, Longworth. *Class III.*—Dyer, Pitcher, Costigan, Collyer, Larmonth, Morris.

THIRD YEAR.—(*Mechanical and Electrical Courses*).—*Class I.*—King, Currie. *Class II.*—Becket and McDougall (G.), equal; Baker, McDunnough; Angus and Boright, equal; Nivin, Griffin, Scott. *Class III.*—Moodie, Robins, Rogers, Greig, McNaughton, Trenholme, White, Primrose.

## DYNAMICS OF MACHINERY.

THIRD YEAR.—*Class I.*—Currie and King, equal; McDunnough. *Class II.*—Baker and Becket, equal; Robins; Angus and Nivin, equal; Boright and McDougall, equal. *Class III.*—Griffin, Scott, Greig, Moodie, White, Rogers; McNaughton and Primrose, equal; Johnson and Trenholme, equal.

FOURTH YEAR.—*Class I.*—Duff and Pitcher, equal. *Class II.*—Darling, Mudge, Longworth. *Class III.*—Collyer, Dyer, Costigan, Morris, Larmonth.

## ELECTRICAL ENGINEERING.

FOURTH YEAR.—*Class I.*—None. *Class II.*—Longworth, Morris, Collyer, Pitcher.

THIRD YEAR.—*Class I.*—King. *Class II.*—McDunnough and Scott, equal.

## LABORATORY WORK.

THIRD YEAR.—(*Cement Laboratory*).—*Class I.*—Carter and Dobson, equal. *Class II.*—Dougall (W.). *Class III.*—None.

FOURTH YEAR.—(*Electrical Laboratory*).—*Class I.*—Collyer. *Class II.*—Pitcher, Morris, Longworth.

THIRD YEAR.—(*Electrical Laboratory*).—*Class I.*—King and McDunnough, equal. *Class II.*—Scott. *Class III.*—Johnson, Becket.

FOURTH YEAR.—(*Geodetic Laboratory and Astronomical Work*).—*Class I.*—Mackay, Dawson. *Class II.*—Loneragan.

FOURTH YEAR.—(*Meteorological Work*).—*Class I.*—Mudge.

FOURTH YEAR.—(*Hydraulic Laboratory*).—*Class I.*—Mackay, Duff. *Class II.*—Darling, Costigan and Mudge, equal; Dyer, Dawson, Larmonth, Loneragan. *Class III.*—None.

FOURTH YEAR.—(*Hydraulic Laboratory*).—*Class I.*—None. *Class II.*—Whiteside, Cole, Leach, Lambert. *Class III.*—Gunn, Adams.

FIRST YEAR.—(*Mathematical Work*).—*Class I.*—Stovel, Pitcher, Turnbull Macdonald (P. W.) and Symmes, equal; Mackay and Macleod, equal; MacKinnon and Thomson (C.), equal; Thompson (F. W.) and Thomson (H. N.), equal. *Class II.*—Burnham and Guthrie, equal; Travis, Macdonald (J. E.); Gisborne and Grant, equal; Edward, Ross; Davidson and McKibbin and Reid, equal; Bell (J. W.) and Lacroix and Staples, equal; Bell (R. A. S.) and Bovey and Macbean and Suter, equal; Campbell



and Colson and Kennedy and Newcombe and Paradis and Simpson, equal; Angel and Archibald and Blair and Mitchell (N. S.) and Walters, equal; McRae; Connal and Hillary and Mackenzie, equal. *Class III.*—Packard, May; Beatty and Drinkwater and Dougall (R.) and Finnie and Thomson (H. S.), equal; Desbarats and Haycock and Yorston, equal; Corriveau and Ewan and Sise, equal.

FOURTH YEAR.—(*Mechanical Laboratory*).—*Class I.*—Darling and Mudge, equal. *Class II.*—Duff and Dyer, equal. *Class III.*—Costigan, Larmonth.

THIRD YEAR.—(*Physical Laboratory*)—(*Civil, Mechanical and Mining Courses*).—*Class I.*—Baker. *Class II.*—Boright, Dobson, Blackburn, Angus, Askwith, Currie. *Class III.*—Nivin; Griffin and Hart, equal; Wilkin; Gwillim and Robins, equal; Greig, Dougall (W.); Moodie and Turner, equal; McNaughton, Primrose, Rogers, McDougall, Carter, Van Barneveld. (*Electrical Engineering Course*)—*Class I.*—King, Scott. *Class II.*—Johnson (E.P.) and White, equal; Becket and McDonnough, equal. *Class III.*—Trenholme.

SECOND YEAR.—(*Physical Laboratory*).—*Class I.*—Stewart, Reinhardt, Kenny; Gill and Hunter and Jaquays, equal; Walkem; Denis and Rutherford (G.), equal; Hare and Johnson, equal; Courtice and Green, equal; Rutherford (S.) and Smail, equal. *Class II.*—McCallum; Balfour and Dougall (G.M.) and McLaren and Sise, equal; Archibald and Buchanan and White and Wright, equal; Clarke and Mussen, equal; Webb; Dufresne and Ferguson, equal; Howe. *Class III.*—Metcalf; Alley and Ogilvie, equal; Chase; Killaly and McDougall, equal; Bishop, Bayfield, Olive.

FOURTH YEAR.—(*Testing Laboratory*)—*Class I.*—Dawson and Mackay, equal. *Class II.*—Loneragan.

THIRD YEAR.—(*Testing Laboratory*)—(*Civil and Mechanical Courses*).—*Class I.*—Currie. *Class II.*—Robins, Dobson, Griffin, Carter, Baker, Boright, Greig, Blackburn, Nivin. *Class III.*—McNaughton and Moodie equal; Angus, Primrose, Dougall (W.), Rogers, McDougall (G.D.), Turner.

THIRD YEAR.—(*Electrical Engineering Course*)—*Class I.*—King, McDunnough, Becket. *Class II.*—Scott, Johnson (E.P.). *Class III.*—Trenholme, White.

#### THE THERMODYNAMIC LABORATORY.

FOURTH YEAR.—(*Thermodynamic Laboratory*)—(*Mechanical Engineering Course*).—*Class I.*—Darling; Dyer and Mudge, equal. *Class II.*—Duff, Costigan. *Class III.*—Larmonth.

THIRD YEAR.—(*Thermodynamic Laboratory*)—(*Civil, Mechanical and Mining Courses*)—*Class I.*—Baker and Currie, equal. *Class II.*—Robins and Griffin, equal; Angus, Moodie, Nivin, Greig, McNaughton. *Class III.*—Primrose; Turner and Boright, equal; Blackburn; McDougall and Rogers, equal. (*Electrical Engineering Course*).—*Class I.*—King. *Class II.*—McDunnough and Becket, equal. *Class III.*—Scott; Trenholme and White and Johnson, equal.

FIRST YEAR.—*Class I.*—Vickerson, Thompson (F. W.), MacKinnon, McRae, Staples, Angel. *Class II.*—Blair; Macbean and Macleod and Pitcher, equal; Bell (J. W.) and Reaves and Travis, equal; Bell (R.A.); Archibald and Davidson, equal; Barber and Guthrie and Newcombe, equal; Stovel and Symmes, equal; Hillary and May and McKibbin, equal; Thomson (C.) and Turnbull, equal; Bovey and Colson and Mackenzie and Yorston, equal; Drinkwater, Beatty. *Class III.*—Campbell, Seagram; Mitchell (N. S.) and Packard, equal; Suter; Gisborne and Walters, equal; Thomson (H. N.); Macdonald (J. E.) and Macdonald (P. W.), equal; Aylmer and Connal, equal; Edward and Finnie, equal; Bickford and Corriveau and Desbarats and Dougall (R.) and Simpson, equal; Burnham; Grant and Lacroix, equal; Craig and Lomas, equal; Kennedy; McDermott and Paradis and Ross and Wade, equal; Mitchell (N. C.) and Thomson (H. S.), equal; Ewan, Donkin.

## SHOPWORK.

FOURTH YEAR.—*Class I.*—Costigan and Dyer, equal. *Class II.*—Darling; Larmonth and Mudge, equal; Duff.

THIRD YEAR.—(*Mechanical and Electrical Engineering*).—*Class I.*—Baker, Griffin; King and Moodie, equal; Becket and Robins, equal; Greig, Boright. *Class II.*—Currie, McNaughton, Rogers, Angus, Nivin, Trenholme; Blackburn and McDougall and Primrose, equal; Turner and White, equal; McDunnough and Scott, equal; Johnson.

SECOND YEAR.—(*Electrical and Mechanical Engineering Courses*).—*Class I.*—Gill, Hunter, Jaquays, Mackie, McDougall; Walkem and Wright, equal; Smail, Chase. *Class II.*—Courtice; Kenny and Rutherford (S.), equal; Ferguson and Rutherford (G.), equal; Howe; Bayfield and Clarke, equal; Dougall (G. M.) and McLaren, equal. *Class III.*—Balfour, Alley, Bishop, White.

(*Civil and Mining Engineering Courses*).—*Class I.*—Archibald, Stewart. *Class II.*—Mussen, Green, Webb, Ogilvie, Denis. *Class III.*—Reinhardt, Killaly, Hare, Dufresne.

Boyer, Louis,  
Donahue, Will  
Doucet, René  
Fortier, Joseph  
Gamble, William  
Hanson, Albert

Barron, Robert  
Carmichael, S.  
Devlin, E. B., E.

Devlin, Jos. A.  
Gaudet, Dom.

Cox, Wm. Hy.,  
Dunlop, John  
Hogle, Arthur  
Internoscia, Gi  
Jones, Arthur

Cole, E. C.,  
Cole, F. M.,  
Fortin, P. A. A.  
McCurdy, E. A.

# Students of the University

SESSION 1893-4.

McGILL COLLEGE.

FACULTY OF LAW.

## FIRST YEAR.

Boyer, Louis,	Montreal	Mitchell, Victor E.,	London, Eng.
Donahue, William,	Farnham, Q	Monty, Rodolphe,	Marieville, Q
Doucet, René Potier,	Montreal	Mullin, Robert T.,	Leitchfield, Q
Fortier, Joseph A.,	St. Scholastique, Q	Ogilvie, Douglas,	Montreal
Gamble, William,	St. Henri, Q	White, Chas. D.,	Sherbrooke, Q
Hanson, Albert Curtis,	Barnston, Q		

## SECOND YEAR.

Barron, Robert H., B.A.,	Lachute, Q	Lamoureux, E. M. J.,	St. Sebastien, Q
Carmichael, S., B.A.,	Montreal	Landry, Joseph,	Quebec
Devlin, E. B., B.A. (St. Mary's,		Patterson, Wm., M.A.,	Montreal
	Aylmer, Q	Swindlehurst, Albert,	Montreal
Devlin, Jos. A.,	Aylmer, Q	Whelan, Jno. P., B.A. (Laval),	Montreal
Gaudet, Dom. Chas., B.A.,	Ottawa, O		

## THIRD YEAR.

Cox, Wm. Hy., B.A. (Laval),	Montreal	MacDougall, Gordon W., B.A.,	Montreal
Dunlop, John Hamilton,	Montreal	Sawyer, Bannell,	Cote St. Antoine
Hogle, Arthur,	Montreal	Sheridan, Philip,	Cote St. Antoine
Internoscia, Girolamo,	Rapolla, Italy	Walsh, J. Chas., B.A. (Laval),	Montreal
Jones, Arthur G.,	Richmond, Q		

## PARTIAL.

Cole, E. C.,	Montreal	O'Leary, Emil,	Montreal
Cole, F. M.,	Montreal	Ringland, Jos.,	Cote St. Antoine
Fortin, P. A. A., St. François,	Beauce, Q	Ross, John W.,	Montreal
McCurdy, E. A.,	Montreal	Sinn, George M.,	Arnprior, O

## FACULTY OF MEDICINE.

## FIRST YEAR.

Adams, E. J.,	Montreal	Lyster, H. F.,	Richmond, Q
Allan, J. B.,	Covehead, P.E.I	Macleod, E. E.,	Vancouver, B.C
Allan, W. G.,	Montreal	Maloney, M. J.,	Pembroke, O
Bacon, F. J. A.,	Montreal	McCabe, J. A. P.,	Windsor Mills, Q
Bearman, G. P.,	Ottawa	McCallum, E. C. D.,	Maxville, O
Boyne, J.,	Montreal	McDonald, D. J.,	Whycocomah, C.B
Brears, C. F.,	Regina, N.W.T	McDougall, G. P.,	Lot 14, P.E.I
Brown, C. L.,	Port Lewis, Q	McDougall, J. G.,	New Glasgow, N.S
Brown, F. W.,	Danville, Q	McElroy, A. S.,	Richmond, O
Burrell, R. H.,	Yarmouth, N.S	McKinnon, F. W.,	Vankleek Hill, O
Callaghan, J. E.,	Lake Verd, P.E.I	McLennan, A. A.,	Lancaster, O
Campbell, H. C.,	Russell, O	McNally, W. P.,	Summerside, P.E.I
Casselman, V. E. D.,	Lauder, Man	McRae, J. D.,	Glennavis, O
Cleveland, E. A.,	Richmond, Q	Merkley, E. A.,	Chesterville, O
Darch, J. A.,	Sherbrooke, Q	Morrison, C. F.,	Montreal
Dearden, D. C. A.,	Richmond, Q	Morris, C. H.,	Windsor, N.S
Douglas, A. J.,	Winnipeg, Man	Morse, L. H.,	Bridgetown, N.S
Doyle, J. J.,	Lake Verd, P.E.I	O'Neill, Chris.,	Waterbury, Conn
Eberts, E. M.,	Winnipeg, Man	O'Reilly, R. H.,	Ottawa
Enright, W. J.,	Port Daniel, Q	Pennoyer, A. R.,	Cookshire, Q
Evans, T. H.,	Trenholmville, Q	Peppers, H. W.,	Lower St Mary's, N.B
Foster, A. L.,	Ottawa	Picard, R. F. L.,	Montreal
Foster, G. M.,	Pembroke, O	Prodrick, W. S.,	Ottawa
Galbraith, H. H.,	Montreal	Ritchie, A. A.,	Dalhousie
Gadbois, F. A.,	Sherbrooke, Q	Robert, G. C.,	Holyoke, Mass
Gardner, F.,	Huntingdon, Q	Robert, A. N.,	Holyoke, Mass
Gladman, E. A.,	Lindsay, O	Robertson, D. M.,	Perth, O
Gourley, T. A.,	Eganville, O	Robertson, H. M.,	Chatham, O
Gurd, C. C.,	Montreal	Robertson, Andrew,	Arnprior, O
Hayden, E. W.,	Cobourg, O	Rogers, F. E.,	Brighton, O
Howden, G. T.,	Montreal	Shaw, J. M.,	Montreal
Hudson, H. P.,	Chelsea, Q	Skeels, A. A.,	Montreal
Hurdman, A. H.,	Ottawa	Smith, H.,	Acadia Mines, N.S
Irving, L. E. W.,	Toronto	Sparrow, J. C.,	Alexandria, O
Johnston, J. A.,	Kinkora, P.E.I	Stanfield, H. M.,	Truro, N.S
Johnston, W.,	Charlottetown, P.E.I	Stansby, F. C.,	Montreal
Keenan, C. B.,	Ottawa	Thomas, H. W.,	Montreal
Keenan, F. T.,	Lindsay, O	Thomas, J. E.,	Montreal
Kerr, A. R.,	Montreal	Thompson, J. A.,	Kinnear's Mills, Q
Kirby, H. S.,	Ottawa	Tierney, J. A.,	Fallonfield, O
Laidley, J. H.,	Montreal	Tozer, F. W.,	Newcastle, N.B
Laing, A. L.,	Buckingham, Q	Trainor, J. B.,	Kelly's Cross, P.E.I
Lang, A. A.,	Almonte, O	Wainwright, F. R.,	Montreal
Lennon, H., B.A.,	Montreal	Wainwright, S. F. A.,	Montreal
Lockary, J. L.,	St Stephen, N.B	Werngren, B. C.,	Grosse Isle, Q
Loeb, A. A.,	Montreal	Williams, E. J.,	Montreal
Long, C. B.,	Whitehall, N.Y	Wyman, D. C.,	Ohio, U.S
Lynch, T. J.,	Knowlton, Q		

## SECOND YEAR.

Archibald, E. W., B.A.,	Montreal	Bessey, M. W.,	Waterville, Me
Argue, J. F.,	Carp, O	Berkett, F. W.,	Ottawa
Barry, Fred.,	Montreal	Bonnell, S. N.,	Sydney, N.S

Braithwaite  
Brown, W.  
Brown, G.  
Brunnelle, J  
Bullard, N.  
Campbell,  
Churchill,  
Church, C.  
Church, J.  
Church, H.  
Clindinnin,  
Colquhoun,  
Corbett, F.  
Craig, R. I.  
Curran, T.  
Deacon, G.  
Dean, W. E.  
Denny, H. I.  
Dewar, F. E.  
Donahoe, M.  
Douglas, J.  
Draper, A. I.  
Drum, L. I.  
Duckett, F.  
Dunbar, W.  
Dyer, A.,  
Edwards, A.  
Ellis, G. H.  
Elliott, F.  
Ewan, R. I.  
Fairie, J. A.  
Ferguson, J.  
Ferguson,  
Ferguson,  
Finlay, C.  
Fish, E. C.  
Fisk, W. M.  
Fraser, H.  
Garrett, L.  
Gilday, F.  
Grant, D.,  
Hartin, G.,  
Healey, D.  
Hogan, E.  
Howell, W.  
Hughson, F.  
Irvine, A. I.  
Jack, A. C.  
Kelly, J. K.  
Kemp, H. A.  
Kendrick, V.  
Lake, H. W.  
Lauder, S.  
Lee, J. F.,  
Lynch, D. I.  
MacCartney



Braithwaite, J. McC.,	Montreal	Macauley, J. F.,	River Dennis, N.S
Brown, W. K.,	Quebec	Macleary, K. L.,	Danville, Q
Brown, G. T.,	Cantley, Q	McAllister, D. H.,	Belle Isle, N.B
Brunnelle, P.,	Lowell, Mass	McArthur, A. W.,	Williamstown, O
Bullard, N. C.,	Boston, Mass	McConnell, H. C.,	Lachute, Q
Campbell, E. J.,	Carnduff, Assa	McEwen, D.,	St Elmo, O
Churchill, J. L.,	Lockeport, N.S	McDonald, H. K.,	Pictou, N.S.
Church, C. H.,	Montreal	McLaren, R. W.,	St Raphael, O
Church, J. M.,	Aylmer, Q	McTaggart, D. D.,	Montreal
Church, H. M.,	Montreal	Martin, R. H.,	Chatham, O
Clindinnin, S. L.,	Brighton, O	Meikle, R. H.,	Lachute, Q
Colquhoun, P., B.A.,	Colquhoun, O	Milburn, J. A.,	Peterboro, O
Corbett, F. A., B.A.,	Parrsboro, N.S	Mitchell, R. J. W., B.A.,	Montreal
Craig, R. H.,	Montreal	Moffatt, W. A.,	Orms town, Q
Curran, T. J.,	Montreal	Moles, E. B.,	Arnprior, O
Deacon, G. R.,	Stratford, O	Morse, L. R., B.A.,	Laurencetown, N.B
Dean, W. E.,	Toronto	Moss, J. N.,	Montreal
Denny, H. E.,	Montreal	Mowatt, W.,	Montreal
Dewar, F. E.,	Glen Sandfield, O	Ogilvy, C.,	Montreal
Donahoe, M.,	Cardigan Bridge, P.E.I	Oppenheimer, S. S.,	Vancouver, B.C
Douglas, J. A.,	Chatham, O	Palmer, A. J.,	Buckingham, Q
Draper, A. L.,	Vancouver, B.C	Patrick, D.,	Montreal
Drum, L., B.A.,	Quebec	Poussette, W. C.,	Peterboro, O
Duckett, F. C.,	Montreal	Prescott, A. H.,	Queensbury, N.B
Dunbar, W. R.,	New Glasgow, N.S	Purvis, B. H.,	Portage du Fort, Q
Dyer, A.,	Montreal	Rea, W.,	Huntingdon, N.S
Edwards, A. F.,	Thurso, Q	Robins, G. D., B.A.,	Montreal
Ellis, G. H.,	Dundela, O	Robertson, A. T.,	Agassiz, B.C
Elliott, F. B.,	Mayfair, O	Ross, R. O., B.A.,	N. E. Margaree, N.S
Ewan, R. B.,	Montreal	Russell, R. H.,	Quebec
Fairie, J. A.,	Montreal	Ryan, J. P.,	Portage la Prairie, Man
Ferguson, J. A.,	Smith's Falls, O	Seale, J. H.,	Spokane, Wash. Ter
Ferguson, W. R.,	Niagara Falls, O	Secord, J. H.,	Summerside, P.E.I
Ferguson, J. B.,	Kemptville, O	Scott, W. T.,	Montreal
Finlay, C.,	Hamilton, O	Shaw, R. B.,	Covehead, P.E.I
Fish, E. C., B.A.,	Newcastle, N.B.	Smillie, Wm.,	Huntingdon, Q
Fisk, W. M.,	Abbotsford, Q	Smith, R. E. G., B.A.,	Woodstock, N.B
Fraser, H. B., B.A.,	Westmeath, Q	Smith, H. A.,	N. Sydney, C.B
Garrett, L.,	Montreal	Smyth, W. B., B.A.,	Montreal
Gilday, F. W.,	Montreal	Steeves, C. P., B.A.,	Lower Coverdale, N.B
Grant, D.,	Pictou, N.S	Stackhouse, O. C. S.,	Lachute, Q
Hartin, G.,	Bell's Corners, O	Stearns, C. N.,	Montreal
Healey, D. J.,	Sault Ste Marie, O	Sterling, A.,	Fredericton, N.B
Hogan, E. V., B.A.,	Weymouth, N.S	Staples, C. A., B.A.,	Stillwater, Minn
Howell, W. B.,	Montreal	St Pierre, A. D.,	Ripon, Q
Hughson, R. E.,	Blenheim, O	Sutherland, J. A.,	River John, N.S
Irvine, A. D.,	Montreal	Tétreau, T.,	Lawrence, Mass
Jack, A. C.,	Montreal	Thomson, F. L.,	Mitchell, O
Kelly, J. K.,	Almonte, O	Trudeau, M. A.,	Henryville, Q
Kemp, H. G.,	Brighton, O	Tupper, T. S.,	Fredericton, N.B
Kendrick, W. N.,	Austin, Minn	Warren, J. F.,	Harper, O
Lake, H. W.,	Ridgeville, O	Wheeler, F. H., B.A.,	Florenceville, N.B
Lauder, S. E.,	Durham, O	Whyte, R. B.,	Pembroke, O
Lee, J. F.,	Port Hope, O	Wood, W. S.,	Fairbault, Q
Lynch, D. P.,	Chapleau, Q		
MacCartney, F. W.,	Montreal		

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## THIRD YEAR.

Alexander, C. C.,	Fredericton, N.B	Knapp, H. T.,	Sackville, N.B
Allen, J. H., B.A.,	West Osgoode, O	Lambly, W. D.,	Inverness, Q
Anthony, L. X.,	Berwick, N.S	Lasnier, H.,	Notre Dame de Levis, Q
Anderson, D. P., B.A.,	N. Liverpool, Q	Le Rossignol, W. J.,	Montreal
Baird, J.,	St Paul, Minn	Leslie, P. C.,	Montreal
Basken, J. T.,	Dunrobin, O	Link, D. A.,	Gravenhurst, O
Barret, H. H.,	Three Rivers, Q	McLeay, A. A.,	Danville, Q
Beatty, E. D.,	Nepean, Q	McNally, G. J.,	Upper Kingsclear, N.B
Bishop, C. W.,	Montreal	McKinnon, N.,	Park Hill, O
Blow, T. H.,	South Mountain, O	McGannon, A. V.,	Brockville, O
Boucher, R. B.,	Peterboro, O	May, G. F.,	Montreal
Bouck, C. W.,	Inkerman, O	Merrick, J. H.,	Merrickville, O
Carron, F. B.,	Brockville, O	Neill, R. W.,	Aylmer, Q
Chapman, H. J.,	Port Elgin, N.B	Oliver, W., B.A.,	Rockburn, Q
Cummins, E., B.A.,	St. Stephen, N.B	Phelps, S. E.,	Montreal
Cowie, W., B.A.,	Montreal	Price, B. S.,	Kings' Co., N.B
Cruikshank, A.,	Inverness, Q	Quay, D. D.,	Port Hope, O
Day, J. L., B.A.,	Montreal	Keilly, W. G.,	Ottawa
Feader, W. A.,	Iroquois, O	Robertson, J. E.,	Morrisburg, O
Foss, A. F.,	Sherbrooke, Q	Ryan, E. J.,	St. Kitts, N.W.T
Fox, C. H.,	Oxley, O	Saunders, E. H.,	Woodstock, O
Fraser, A. D.,	Hawkesbury, O	Shaw, H. M.,	Berwick, N.S
Gallant, St. C. G.,	Charlottetown, P.E.I	Slack, T. J.,	Waterloo, Q
Gleason, J. H.,	Cowansville, Q	Smith, A. D.,	New York
Grant, J. P.,	New Glasgow, N.S	Smith, S. R. B.,	Brighton, O
Gun, A.,	Durham, O	Smith, R. A.,	Durham, O
Hamilton, R.,	Bright, O	Spearman, F. S.,	Hemmingford, Q
Hargrave, I. L., B.A.,	Rosedale, Man	Tees, J., B.A.,	Montreal
Harwood, R. de L.,	Vaudreuil, Q	Vipond, C. W.,	Montreal
Hog, L., B.A.,	London, O	Walker, D. F.,	Huntingdon, Q
Hogle, J. H.,	Montreal	Watson, J. H., B.A.,	Barbadoes, W.I
Johnston, F. E. L.,	Delaware, O	Wickham, W. W.,	Summerside, P.E.I
Keith, H. W.,	Havelock, N.S	Williams, J. A.,	Carleton Place, O
Kerry, R. A.,	Montreal	Wood, D. M.,	Kenmore, O
King, J. H.,	Chipman, N.B	Wright, H. K.,	Montreal

## FOURTH YEAR.

Ault, C. R.,	Tilsonburg, O	Gorrell, C. W. F.,	Brockville, O
Akerley, A. W. K.,	Fredericton, N.B	Hamilton, G.,	Bright, O
Bazin, A. T.,	Montreal	Hannington, J. P.,	Montreal, Q
Byers, W. G. M.,	Gananoque, O	Hart, E. C.,	Baddeck, N.B
Colvin, A. R.,	Lethbridge, N.W.T	Henderson, W.,	Dickinson, O
Davidson, A.,	Burns, O	Hepworth, W. G.,	Manitoba
Davis, R. E.,	Fallowfield, O	Holohan, P. A., B.A.,	Newcastle, N.B
Drysdale, W. F.,	Perth, O	Hume, Geo. W. L.,	Leeds Village, Q
Ellis, W. L.,	St. John, N.B	Jacques, H. M.,	Upper Dyke, N.S
Estey, A. S.,	Keswick Ridge, N.B	Kearns, J. F.,	Metcalfe, O
Evans, J. W.,	Hull, Q	Kinghorn, H. McL., B.A.,	Montreal
Ferguson, W.,	Pictou, N.S	Lambly, W. O.,	Montreal
Fowler, D. S.,	Hudson, Wis	Lauterman, M.,	Montreal
Fry, F. M., B.A.,	Montreal	Lewis, J. T.,	Hillsboro, N.B
Fulton, J. A.,	Franklin Centre, Q	MacCarthy, G. S.,	Ottawa
Gilman, F. M.,	Tusket, N.S	McCrea, J. J.,	Laggan, O
Goltman, A.,	Montreal	McLaren, J. T.,	Belle Creek, P. E.I

McLaughlin, J.  
 MacLean, C. M.  
 McIntosh, L. Y.  
 McKenzie, L. F.  
 McLennan, D.  
 Manchester, G.  
 Matthewson, G.  
 Meikle, R. H.,  
 Mitchell, W.,  
 Nicholls, A. G.  
 O'Connor, E. J.  
 Ogden, C. L., F.  
 Reeves, Jas.,  
 Richardson, A.,  
 Richardson, H.  
 Rimer, F. E.,

## Names.

Botterell, John  
 Browne, John G  
 Bruce, John C.  
 Campbell, Ed. I  
 Campbell, Rola  
 Cleland, J. A.,  
 Coussirat, Henr  
 Cunningham, A.  
 Davidson, Camp  
 Douglas, Robt.  
 Eastman, Fred. S  
 Ferguson, Hugh  
 Fraser, Simon L  
 Gowan, Thos.,  
 Harrington, G. I  
 Howard, Campb  
 Ives, Chas. K.,  
 Kerr, Robt. Har  
 Larmonth, G. Ev  
 McLean, Sam.,  
 McLean, Arch.  
 McLeod, Donald  
 McMaster, Andru  
 Macfarlane, Law  
 MacKay, Hector  
 MacKay, Malcol  
 Mair, John A.,  
 Mallinson, Steph  
 Marler, Herbert I  
 Meyer, John B.,  
 Overing, R. Y.,  
 Ross, A. R.,  
 Russel, Colin K.,  
 Saxe, John G.,

McLaughlin, J. A.,	Avonmore, O	Robertson, A. A., B.A.,	Montreal
MacLean, C. M.,	Cambridge, N.B	Rodger, D. A.,	Genoa, Q
McIntosh, L. Y.,	Strathmore, O	Ross, D. W.,	Peel, N.B
McKenzie, L. F.,	Montreal	Ross, H.,	Thornburn, N.S
McLennan, D. A.,	Chicago, Ills	Ross, J. J., B.A.,	Dewittville, Q
Manchester, G. H.,	Ottawa	Scammell, J. H.,	St. John, N.B
Matthewson, G. H., B.A.,	Montreal	Scott, W. H.,	Owen Sound, O
Meikle, R. H.,	Lachute, Q	Sharpe, E. M.,	Havelock, N.B
Mitchell, W.,	Lachute, Q	Shaw, H. S.,	Montreal, Q
Nicholls, A. G., M.A.,	Montreal	Shillington, A. T.,	Kemptville, O
O'Connor, E. J.,	Ottawa	Spring Rice, T. A.,	Montreal
Ogden, C. L., B.A.,	Warrensburg, N.Y	Stearns, C. N.,	Montreal
Reeves, Jas.,	Eganville, O	Stenning, W. A.,	Coaticook, Q
Richardson, A.,	South March, O	Wilson, R. D.,	Derby, N.B
Richardson, H. J.,	Chesterville, O	Wolf, C. G. L., B.A.,	Winnipeg, Man
Rimer, F. E.,	Bryson, Q	York, H. E.,	Metcalfe, O

## FACULTY OF ARTS.

*Undergraduates.*

## FIRST YEAR.

<i>Names.</i>	<i>School.</i>	<i>Residence.</i>
Botterell, John E.,	Merchiston Castle,	Montreal, Q
Browne, John G.,	M.H.S.,	Montreal, Q
Bruce, John C.,	Huntingdon Academy,	Huntingdon, Q
Campbell, Ed. M.,	Inverness Academy,	Inverness, Q
Campbell, Roland P.,	Montreal Collegiate Institute,	Cote St. Antoine
Cleland, J. A.,	Private Tuition,	Montreal, Q
Coussirat, Henri A.,	M.H.S.,	Montreal, Q
Cunningham, Arthur A.,	Huntingdon Academy,	Huntingdon, Q
Davidson, Campbell,	Montreal Collegiate Institute,	Montreal, Q
Douglas, Robt. J.,	Private Tuition,	Earlton, N.S
Eastman, Fred. S.,	Montreal Diocesan Theological College,	Toronto
Ferguson, Hugh,	Almonte H. S.,	McLaren's Depot, O
Fraser, Simon L.,	Hawkesbury H. S.,	Hawkesbury, Q
Gowan, Thos.,	Goderich Collegiate Institute,	Monkton
Harrington, G. Eric,	M.H.S.,	Montreal, Q
Howard, Campbell,	Montreal Collegiate Institute,	Montreal, Q
Ives, Chas. K.,	Normal School, Montreal,	Stanstead, Q
Kerr, Robt. Harold,	M.H.S.,	Montreal, Q
Larmonth, G. Everett,	M.H.S.,	Montreal, Q
McLean, Sam.,	Lindsay Collegiate Institute,	Bolsover, O
McLean, Arch. K.,	Private Tuition,	Berwick, O
McLeod, Donald M.,	Private Tuition,	Springton, P.E.I
McMaster, Andrew R.,	Montreal Collegiate Institute,	Montreal, Q
Macfarlane, Lawrence,	M.H.S.,	Montreal, Q
MacKay, Hector,	Kincardine H.S.,	Ripley, O
MacKay, Malcolm,	Montreal Collegiate Institute,	Montreal, Q
Mair, John A.,	Almonte H.S.,	Lanark, O
Mallinson, Stephen H.,	Private Tuition,	London, Eng
Marler, Herbert M.,	Montreal Collegiate Institute,	Montreal, Q
Meyer, John B.,	Senior School and Private Tuition,	Montreal, Q
Overing, R. Y.,	M. Diocesan Theo. Coll.,	Mount Royal Vale, Q
Ross, A. R.,	Montreal Coll. Inst.,	Montreal, Q
Russel, Colin K.,	Montreal Collegiate Institute,	Montreal, Q
Saxe, John G.,	M.H.S.,	Montreal, Q

Steacy, Fred. W.,	Montreal Diocesan Theological College, Montreal, Q
Stevenson, James,	Montreal Collegiate Institute, Montreal, Q
Trenholme, Arthur K.,	M.H.S., Cote St. Antoine
Turner, Henry H.,	Carleton Place H.S., Appleton, O
Willis, James J.,	M. H. S., Montreal, Q
Wyman, Dan. B.,	Hawkesbury H.S., Chute au Blondeau, O
Wyman, Hiram B.,	Hawkesbury H.S., Chute au Blondeau, O
Ziegler, John A.,	Berlin H.S., Berlin, O

## SECOND YEAR.

<i>Names.</i>	<i>School.</i>	<i>Residence.</i>
Archibald, Sam. G.,	M.H.S.,	Montreal, Q
Bates, Geo. E.,	Concord H.S.,	Lanark, O
Campbell, Geo. A.,	M.H.S.,	Montreal, Q
Cole, Wilfrid G. G.,	Montreal Collegiate Institute,	Montreal, Q
Ferguson, Wm. S.,	Prince of Wales College,	Marshfield, P.E.I
Gordon, Alf. E.,	Prince of Wales College,	Alberton, P.E.I
Howell, Arch. R.,	St. John's School,	Montreal, Q
Lennon, Walter S.,	Wesleyan Theological College,	Montreal, Q
McMartin, Thos. A.,	McGill Normal School,	Grande Fresnière, Q
Molson, Kenneth,	M.H.S.,	Montreal, Q
Moore, Wm.,	Inverness Academy,	Lachute
Pollock, Thos. I.,	Lachute Academy,	Hill Head
Robertson, John C.	Private Tuition,	King's Co., N.B
Ross, Herbert,	M.H.S.,	Montreal, Q
Saunders, Frank C.,	M.H.S.,	Montreal, Q
Schwartz, Hans J.,	Quebec H.S.,	Quebec
Scott, Arthur P.	M.H.S.,	Montreal, Q
Scrimger, J. Tudor,	M.H.S.,	Montreal, Q
Smiley, Francis C.,	St. Francis College,	St. Lambert, Q
Stockwell, Hy. P.,	St. Francis College,	Danville, Q
Turner, Wm. G.,	Quebec H.S.,	Quebec
Watters, Wm. H.,	Stanstead Wesleyan College,	Lynn, Mass

## THIRD YEAR.

Armstrong, E. N.,	Montreal, Q	MacIntosh, Major H.,	Summerside,
Burnet, Arthur,	Farnham Centre, Q		P.E.I.
Craig, W. W.,	Montreal, Q	McNaughton, Francis,	Huntingdon, Q
Crombie, Wm. B.,	Fort Coulonge, Q	Rogers, Reginald H.,	Alberton, P.E.I
Dyer, Edward,	Sutton, Q	Smyth, W. Oswald,	Montreal, Q
Fourney, F. W.,	Montreal, Q	Sutherland, Wm. C.,	Woodstock, O
Gustin, Wm. Alfred,	Fitch Bay, Q	Symmes, Thos. J.,	Aylmer, Q
Hanson, Albert C.,	Barnston, Q	Tooke, Fred. T.,	Montreal, Q
Hickson, James Claud,	Montreal, Q	Trenholme, Norman M.,	Montreal, Q
Hopkins, M. C.,	Montreal, Q	Wallace, James M.,	North Gower, O
Howard, E. Edwin,	Farnham, Q	Watt, James C.,	Lanark, O
Keith, Neil D.,	Glencoe, O	Weir, George,	Eastwood, O
Leroy, O. E.,	St. Andrew's, East	Young, Henry,	Blakeney, O
Levy, A.,	Montreal, Q	Young, Stephen,	Blakeney, O

Barlow, Wa  
Bickerdike, J  
Blackett, Jo  
Bond, Wm.  
Boyd, Leslie  
Bremner, W  
Davis, E. A  
Davis, David  
Day, Frank  
Dickson, Ed  
Dickson, Syd  
Duclos, Arno  
Ellicott, T. V  
Fraser, Fran  
Garret, W.

Gordon, John  
Internoscia, J  
McGerrigle,  
McLeod, No  
Muir, Peter I

Barlow, Alf.

A Student  
Student.

The figure  
a class in the

Armstrong, V  
Belton, Alf. J  
Bethel, Thos.  
Biron, M. W.  
Blair, David  
Boyce, Wm.  
Brace, Adam  
Brown, Thos.  
Carr, John  
Crombie, Geo  
Crozier, Hugh  
Culp, Josephu  
Currie, C. Wi  
Davidson, Shi  
Eagleson, Ric  
Edgar, Mack  
Extence, Geo  
Genova, Val  
Gilmore, Geo.



## FOURTH YEAR.

Barlow, Walter L.,	Montreal, Q	Graham, Angus,	Glencoe, O
Bickerdike, F. A. C.,	Montreal, Q	Graham, Fred. H.,	Trow Hill, Q
Blackett, John,	Ormsdown, Q	Hanran, Robt. J.,	Inverness, Q
Bond, Wm. L.,	Montreal, Q	Harper, Robt. M.,	Quebec, Q
Boyd, Leslie H.,	Montreal, Q	Harvey, Fred. W.,	Abercorn, Q
Bremner, William,	Ottawa, O	Ireland, G. D.,	Alberton, P.E.I
Davis, E. A.,	Morin Flats, Q	Lambly, M. O.,	Inverness, Q
Davis, David T.,	Montreal, Q	Lewis, Wm. P.,	Iberville, Q
Day, Frank J.,	Belleville, O	McGregor, Alex.,	St Andrews, Q
Dickson, Ed. H. T.,	Trenholmeville, Q	McKeracher, W.,	Howick, Q
Dickson, Syd. M.,	Richmond, Q	Moffat, D. S.,	Irvine, Q
Duclos, Arnold Wm.,	Montreal, Q	Naylor, Henry A.,	Shawville, Q
Ellicott, T. W.,	Montreal, Q	Ogilvy, Charles,	Montreal, Q
Fraser, Frank C.,	Montreal, Q	Smith, Alistair,	Petitcodiac, N.B.
Garret, W. P.,	Ottawa, O	Stewart, J. C.,	Embroy, Q

## B.A.

Gordon, John S.	Reeves, Arch. C.
Internoscia, Jerome	Sadler, Thos. A.
McGerrigle, John A.	Smith, Ed. F. McL.
McLeod, Norman A.	Smith, Geo. Hutchinson
Muir, Peter D.	

## M.A.

Barlow, Alf. E.

*Partial Students.*

A Student who is not an Undergraduate, or Graduate, is called a Partial Student.

The figure (1), (2) or (3), prefixed to a name, indicates that the Student takes a class in the corresponding year as well as in that where the name is found.

## FIRST YEAR.

Armstrong, W. J. Alex.,	Bristol, Q	Gourlay, Wm. L.,	Carp, O
Belton, Alf. J.,	Clayton, O	Hamilton, Arthur,	Montreal, Q
Bethel, Thos. G.,	Masc. Rapids, Q	Hayson, Hy. J.,	Montreal, Q
Biron, M. W.,	Wakefield	Heeny, Wm. B.,	Danford Lake
Blair, David E.		Hill, Walter H. P.,	Montreal, Q
Boyce, Wm. S. P.,	Norham, O	Horsey, Harold I.,	Kingston, O
Brace, Adam P.,	Toronto, O	Judah, Fred. R.,	Montreal, Q
Brown, Thos.,	Montreal, Q	Keefer, Robert,	Flesherton, O
Carr, John		Kelly, Matt.	
Crombie, Geo. L.,	Fort Coulonge, Q	Lamoise, Victor L.,	Montreal, Q
Crozier, Hugh G.,	Grand Valley, O	Leitch, Fred. A.,	Flesherton, O
Culp, Josephus,	Beamsville, O.	Leitch, Hugh,	Walkers, O
Currie, C. Willey,	Abercorn	Lough, Dan. B.	
Davidson, Shirley,	Montreal, Q	McAmmond, Robt. B.,	Winchester Springs
Eagleson, Richd.,	Hazeldean, O		
Edgar, Mackay,	Montreal, Q	McAteer, Thos. G.,	Stayner, O
Extence, George		MacCosham, Jno. A.,	Bryson, Me.
Genova, Val.,	Montreal, Q	McCuaig, Wm.,	Bryson, Q
Gilmore, Geo.,	Derry, Ireland	MacDougall, Robt. E.	

McKinnon,—  
 McMartin, Andrew R.  
 Mackie, Robt. L. D., Lachute, Q  
 Menançon, John E., Stoke Centre  
 Millar, David D., Burgoyne, O  
 Miller, Amasa B., Brantford, O  
 Milliken, Robt., London, O  
 Morris, Harry C., Perth, O  
 Oke, John, Oka, Q  
 Orr, Wm. J., Montreal, Q  
 Patterson, Joshua R., Rochester, N.Y.  
 Peever, R. G., Haley's Station, O  
 Pidgeon, E. Leslie, N. Richmond, Q

Pollock, Albert F.  
 Schwitzer, Wm. C., Ottawa, O  
 Shaw, Ernest J., Avonmore  
 Sincennes, Jean B., Masham, Ott. Co.  
 Smith, Wm. Arthur, Brussels  
 Squires, George  
 Stuart, Jas. Alex., Montreal, Q  
 Sykes, Chas. A., Cobden, O  
 Sykes, Thos. G., Cobden, O  
 Warden, Fred. A.  
 Watt, Robt. G., Lanark Village  
 Wilson, William  
 Ziegler, John A.

SECOND YEAR.

Acer, John H. A., Montreal, Q  
 Allison, T. Carlton, Dunbar, O  
 Beamish, Wm. J., Prescott, O  
 (1) Belton, Alf. J., Clayton, O  
 Benny, Walter W., Daillebout,  
 Joliette Co., Q  
 (1) Bethel, Thomas G.  
 (1) Brace, Adam P.  
 Brown, —  
 Brunton, Jno. N., Marvelville,  
 Russel Co., O  
 (1) Crombie, George L.  
 (1) Eagleson, Richd.  
 (1) Extence, George  
 Fairbairn, Andrew, Prescott, O  
 (1) Gilmore, George  
 (1) Gourlay, Wm. L.,  
 Graham, David J., Ashton, O  
 Graham, Sharon, Montreal, Q  
 Halpenny, Wm., Smith's Falls, O  
 Hamilton, W. J., Milverton, O  
 Harnwell, H. J., Kincardine, O  
 Hodgson, Jonathan R., Sawyer-  
 ville, Q  
 Humphrey, J. W., Cowansville, Q  
 Jackson, Wm. P., Kingston, O  
 Jamieson, S. Dawson, Inver-  
 ness, Clapham, O  
 (1) Keefer, Robert  
 Kelly, Edwin R., Pembroke, O  
 (1) Kelly, Matt.  
 Kennedy, John K.  
 (1) Leitch, Fred. A.

(1) McAmmond R. B.  
 (1) McAteer, Thomas G.  
 McCallum, Arthur L.  
 McConnell, J. H., Montreal, Q  
 McEwan, Sam. R., Rawdon, Q  
 Mason, Harry E.  
 (1) Millar, David D., Burgoyne, O  
 (1) Miller, Amasa B.  
 (1) Milliken, Robert  
 Mills, A. W., Kemptville, O  
 Mount, Allan E., Montreal, Q  
 Murray, Hazen T., King's Co., N.B.  
 (1) Oke, John  
 (1) Patterson, Joshua R.  
 (1) Peever, R. G.  
 (1) Pollock, Albert F.  
 Seller, Johnson, Sawyerville, Q  
 (1) Shaw, Ernest J.  
 (1) Sincennes, Jean B.  
 Sing, Charles R., Singhampton, O  
 Smith, Geo. E., Stoney Creek, O  
 Smith, Harry L., Currie's Crss'g, O  
 (1) Smith, Wm. Arthur  
 Smythe, Theo. A., Ulster Spring,  
 Jamaica, W.I.  
 (1) Squires, George  
 (1) Sykes, Thomas G.  
 Vickery, Thos. J., Smith's Falls, O  
 Walker, Harry, Montreal, Q  
 (1) Watt, Robt. G.  
 Wilson, Alf. C., Hiliar, O  
 Wright, Robert, Braehburg

THIRD YEAR.

(2) Allison, T. Carlton  
 Armstrong, Sidney  
 Ball, George W., Montreal, Q  
 (2) Beamish, William J.  
 Belton, Alf. J.

Boshart, W. P.  
 (2) Brace, Adam P.  
 Brown, J. Livingston, Wood Bay,  
 Man.

(1) Brown,  
 (2) Crombie  
 (1) Culp, J.  
 (2) Eagleson  
 (2) Extence  
 Fish, H.  
 Fraser,  
 Gilmour,  
 (2) Halpenr  
 (2) Harnwel  
 (2) Humphr  
 (2) Keefer F  
 (2) Leitch, l  
 (2) McAm  
 (2) McAteer  
 (2) McConn  
 (2) McEwan  
 (2) Mason, I  
 (3) Armstror  
 (3) Ball, Gec  
 2) Bethel, T  
 (3) Boshart,  
 (3) Brown, J  
 (1) Brown, T  
 Calvert, F  
 (3) Culp, Jos  
 (2) Fairbairn  
 (1) Gilmore, G  
 (2) Graham,  
 (3) Harnwell  
 (2) Hodgson,  
 (2) Jamieson,

Name.

Bickerdike, M  
 Cameron, Ma  
 Doull, Ethel M  
 Galt, Annie P  
 Holden, Marg  
 O'Connor, Ber  
 Ross, Elizabeth  
 Shaw, Ethel C  
 Smith, Annie I  
 Stephen, Jennie  
 Walbridge, Ma  
 Young, Laura

- (1) Brown, Thomas
- (2) Crombie, George L.
- (1) Culp, Josephus
- (2) Eagleson, Rich.
- (2) Extence, George
- Fish, Hy. A.,
- Fraser, Septimus,
- Gilmour, F. W.,
- (2) Halpenny, William
- (2) Harnwell, H. J.
- (2) Humphrey, J. W.
- (2) Keefer Robert
- (2) Leitch, F. A.
- (2) McAmmond, R. B.
- (2) McAteer, Thomas G.
- (2) McConnell, J. H.
- (2) McEwan, Sam. R.
- (2) Mason, Harry E.

Toronto, O  
 Montreal, Q  
 Almonte, O

- (2) Miller, Amasa B.
- (2) Milliken, Robert
- (2) Mills, A. W.
- (2) Patterson, J. R.
- (2) Seller, Johnson
- (2) Shaw, Ernest J.
- (2) Sing, Chas. R.
- (2) Smith, George E.
- (2) Smith, Harry L.
- (2) Smith, Wm. Arthur
- (2) Smythe, Theo. A.
- (2) Sykes, Thomas G.
- (2) Vickery, Thomas J.
- (2) Walker, Harry
- (2) Wilson, Alf. C.
- (1) Wilson, Wm.
- (2) Wright, Robert

FOURTH YEAR.

- (3) Armstrong, Sidney
- (3) Ball, George W.
- 2) Bethel, Thomas G.
- (3) Boshart, William P.
- (3) Brown, J. Livingstone
- (1) Brown, Thomas
- Calvert, Reuben,
- (3) Culp, Josephus
- (2) Fairbairn, Andrew
- (1) Gilmore, George
- (2) Graham, David J.
- (3) Harnwell, H. J.
- (2) Hodgson, Jonathan R.
- (2) Jamieson, S. Dawson

Vittoria, O

- Johnson, W.
- (2) Kelly, Edwin R.
- (3) Leitch, Fred. A.
- (3) Leitch, Hugh
- (3) McAmmond, Robert B.
- (3) McConnell, J. H.
- (1) McCuaig, William
- Mathers, Frank M., Lucknow, O
- (2) Millar, David D.
- (2) Murray, Hazen T.
- (2) Peever, R. G.
- (3) Sing, Charles R.
- (2) Sykes, Charles A.

DONALDA DEPARTMENT.

SPECIAL COURSE FOR WOMEN.

*Undergraduates.*

FIRST YEAR.

<i>Name.</i>	<i>School.</i>	<i>Residence.</i>
Bickerdike, May C.,	M. G. H. S.,	Lachine, Q
Cameron, Mary T.,	Trafalgar Institute,	Kingston, O
Doull, Ethel M.,	McGill Normal School,	Montreal, Q
Galt, Annie P.,	Private Tuition,	Montreal, Q
Holden, Margaret L.,	G. H. S., St. John, N.B.,	St. John, N.B
O'Connor, Bertha V.,	M. G. H. S.,	Montreal, Q
Ross, Elizabeth,	Private Tuition,	Brucefield, O
Shaw, Ethel C.,	M. G. H. S.,	Montreal, Q
Smith, Annie Louise,	Misses Symmers, and Smith's School,	Montreal, Q
Stephen, Jennie,	Ottawa Coll. Inst.,	Ottawa, O
Walbridge, Mabel H.,	Mystic Model S. and P. T.,	Mystic, Q
Young, Laura A.,	Prince of Wales College,	Charlottetown, P.E.I

## SECOND YEAR.

<i>Name.</i>	<i>School.</i>	<i>Residence.</i>
Brown, J. M.,	McGill Normal School,	Montreal, Q
Chalmers, L. H.,	Granby Academy,	Granby, Q
Denoon, Agnes H.,	G. H. S. M.,	Montreal, Q
Hammond, E. A.,	G. H. S. M.,	Montreal, Q
Henderson, G.,	Misses Symmers and Smith's School,	Montreal, Q
Hill, H. S. M.,	M. G. H. S.,	Montreal, Q
Hinds, C.,	Compton Ladies' College,	Actonvale, Q
Hurst, I. E.,	M. G. H. S.,	St. Lambert, Q
Hutchinson, M.,	Coll. Inst., St. Thomas,	St. Thomas, Q
Krause, Louise,	Private Tuition,	Montreal, Q
Locke, W. A.,	M. G. H. S.,	St. Lambert, Q
McBurney, E. E.,	M. G. H. S.,	St. Lambert, Q
McCuaig, M.,	M. G. H. S.,	Montreal, Q
Macphail, Jeanette C.,	Prince of Wales Coll.,	Orwell, P.E.I
Mitchell, K.,	Trafalgar Inst.,	Montreal, Q
Nichols, A. W.,	M. G. H. S.,	Montreal, Q
Pinder, E. B.,	M. G. H. S.,	St. Lambert, Q
Pitcher, W. J.,	M. G. H. S.,	Montreal, Q
St. James, L. M.,	McGill Normal S.,	Grande Ligne, Q
Watson, M. T.,	Renfrew H. S.,	Montreal, Q

## THIRD YEAR.

Armstrong, L. E.,	Montreal, Q	Radford, Ethel S.,	Montreal, Q
Botterell, Florence,	Montreal, Q	Seymour, Clara,	Montreal, Q
Cameron, Susan E.,	St. John, N.B	Travis, Katharine,	Hampton, N.B
Cushing, Florence E.,	Montreal, Q	Watson, Rosalind,	Huntingdon, Q
Fraser, H. Alice,	Richmond, Q	Whiteaves, A. Maud,	Ottawa, O
		Wilson, Margaret,	Montreal, Q

## FOURTH YEAR.

Brittain, Isabel,	Montreal, Q	McCoy, Emma C.,	Rockburn, Q
Brown, Jessie,	Montreal, Q	Mackenzie, Jane E. F.,	Montreal, Q
Campbell, Rosalia F.,	Montreal, Q	Ogilvy, Isabella,	Montreal, Q
Craig, Margaret,	Montreal, Q	Shaw, S. Louise,	Montreal, Q
Hargrave, Edith,	Sherbrooke, Q	Warner, Agnes L.,	St. John, N.B

## B. A.

Angus, Frances R.	Pattison, M. L.
Binmore, Elizabeth	Raynes, Ethel G.
Jackson, Annie L.	Reid, Helen R. Y.
Leach, Milda E.	Ross, Jessie K.
McGregor, Elizabeth B.	Smith, G. Louise.
Macdonald, M. L.	

*Partial Students.*

A Student who is not an Undergraduate, or Graduate, is called a Partial Student.

The figure (1), (2) or (3), prefixed to a name, indicates that the Student takes a class in the corresponding year as well as in that where the name is found.

Anderson, A  
Bredin, Beat  
Bredin, Bessi  
Carter, Mabo  
Dover, Mary  
Draffin, Isab  
Hanna, Ethe  
Henderson, J  
Hodge, Sadi  
Johnson, Syb

Burnett, C. F  
Claggett, Oli  
Coussirat, Ev  
Craig, Jennie  
Dods, Mary  
Donahue, Cla  
Gordon, Eliza  
Guerin, Belle  
Gurd, Effie S  
Henderson, E  
Lowden, J. C  
Lyman, Ethel

Ashforth,  
Johnson, J  
(2) MacGrege

(1) Anderson,  
(3) Ashforth,  
Cantlie, M  
Finley, Gr  
Greene, Fl  
McLea, Jé  
McMillan,

\*Angel, Fred  
Archibald, Ha  
Aylmer, Arthu  
Barber, Charle  
O.  
Beatty, David



## FIRST YEAR.

Anderson, Alice G.,	Ottawa, O	Lovelace, Ida,	Montreal, Q
Bredin, Beatrice,	Montreal, Q	Lovelace, Ruby,	Montreal, Q
Bredin, Bessie L.,	Montreal, Q	MacGregor, Janet G.,	N. Glasgow, N.S.
Carter, Mabel A.,	Montreal, Q	McLea, Rosalie,	Montreal, Q
Dover, Mary V.,	Peterboro, O	Silcox, Georgia,	Montreal, Q
Driffin, Isabel B.,	Almonte, O	Simpkin, Lottie,	Montreal, Q
Hanna, Ethel M.,	Montreal, O	Stevenson, Winifred,	Montreal, Q
Henderson, Margaret E.,	Montreal, Q	Tyrrell, Margaret J.	
Hodge, Sadie A.,	Montreal, Q	Warren, Hattie S.,	Montreal, Q
Johnson, Sybil,	Montreal, Q		

## SECOND YEAR.

Burnett, C. H. (Mrs.),	Montreal, Q	(1) MacGregor, Janet G.	
Claggett, Olive G. C.,	Montreal, Q	Macdonald, Ina,	Montreal, Q
Coussirat, Eva J.,	Montreal, Q	McGarry, Isabel	
Craig, Jennie,	Montreal, Q	Monk, Millie J.	
Dods, Mary J.,	Montreal, Q	(1) Murphy, Fannie M.	
Donahue, Clara		Norris, Amy,	Montreal, Q
Gordon, Elizabeth M.		Samuel, E. Maggie,	Montreal, Q
Guerin, Bellelle		Sharpe, Mima L.	
Gurd, Effie S.,	Montreal, Q	(1) Silcox, Georgia	
Henderson, Elliot		(1) Stevenson, Winifred	
Lowden, J. C.,	Montreal, Q	Walker, Laura F. M.	Montreal, Q
Lyman, Ethel L.,	Cote St. Antoine,	Whyte, Clara M.,	Lancaster, O
	Montreal, Q		

## THIRD YEAR.

Ashforth, Agnes M.	England	Trenholme, Florence,	Cote St.
Johnson, Helena,	Montreal, Q	Antoine,	Montreal, Q
(2) MacGregor, Janet G.		(2) Walker, Laura F. M.	

## FOURTH YEAR.

(1) Anderson, Alice G.		MacNider, Constance A. M.,	Montreal, Q
(3) Ashforth, Agnes M.		Morrow, Edith	
Cantlie, Mary S.,	Montreal, Q	Reid, Ethel H.,	Montreal, Q
Finley, Greta,	Montreal, Q	Schuyler, Estelle L.,	N. York, U.S.
Greene, Florence M.,	Montreal, Q	(3) Walker, Laura F. M.	
McLea, Jean C.,	Montreal, Q		
McMillan, S. E.,	England		

## FACULTY OF APPLIED SCIENCE.

## FIRST YEAR.

*Angel, Frederick W.,	Newfoundland	Bell, John W.,	Montreal
Archibald, Harry P.,	Antigonish, N.S.	Bell, Richard A. S.,	Mosgrove, O.
Aylmer, Arthur Lovell,	Melbourne, Q	Bickford, Oscar L.,	Toronto, O.
Barber, Charles Herbert,	Georgetown,	Blair, David E.,	Chicoutimi, Q.
O.		Bovey, Edward P.,	Torquay, Devon,
Beatty, David Herbert,	Sarnia, O.	Eng.	

- Burnham, Harold B., Peterboro, O.  
 Campbell, Alexander, Ottawa, O.  
 Colson, Charles H., Montreal  
 Connal, William F., Peterboro, O.  
 Corriveau, Albert R.  
 \*Craig, Arthur Frederick, Montreal  
 \*Crawford, Arthur Ross, Montreal  
 Davidson, Shirley, Montreal  
 Desbarats, Charles H. H., Montreal  
 Drinkwater, Charles Graham, Montreal  
 Donkin, Frank W., Cow Bay, N.S.  
 Dougall, Ralph, Montreal  
 Edward, John R., Outremont, Q.  
 Ewan, Herbert M., Montreal  
 Finnie, Oswald S., Ottawa  
 Gisborne, Lionel L., Ottawa  
 Grant, George H., Victoria, B.C.  
 Guthrie, Norman G., Guelph, O.  
 Haycock, Richard L., Ottawa, O.  
 Hillary, George M., Whitby, O.  
 Holland, Cecil F., St Eleanors, P.E.I.  
 \*Hibbard, Walter R., Frelighsburg, Q.  
 Kennedy, Lindsay R., Pembroke, O.  
 Lomas, Joseph A., Sherbrooke, Q.  
 Macdonald, James E., Providence, R.I., U.S.A.  
 Macdonald, Peter W., West Bay, N.S.  
 Macbean, Stanley L., Montreal  
 Mackenzie, Malcolm, Sarnia, O.  
 \*Mackie, James D., Kingston Station, O.  
 MacKinnon, George D., Charlottetown, P.E.I.  
 Macleod, George R., Uigg, P.E.I.  
 May, Lorne W., Ottawa, O.
- McDermott, Michael S., Montreal  
 McKibbin, Frederick W. J., Peterboro, O.  
 McRae, John B., Ottawa, O.  
 Mitchell, Norman C., Halifax, N.S.  
 Mitchell, Norman S., Montreal  
 Newcombe, Avarad B., Lakeville, N.S.  
 Packard, Frank L., Montreal  
 Paradis, Paul, St. Johns, Q.  
 Pitcher, Norman C., Montreal  
 Primrose, Harry G., Pictou, N.S.  
 \*Reaves, Campbell, Montreal  
 Reid, Robert G., Montreal  
 \*Ramsay, William A., Montreal  
 Ross, John K., Montreal  
 \*Scott, James H., Outremont  
 \*Seagiam, Edward F., Waterloo, O.  
 Simpson, Colligan D., Westville, N.S.  
 Sise, Charles F., Montreal  
 Staples, Clark, Balsam Lake, O.  
 Stovel, Russell W., Toronto, O.  
 Suter, Robert W., Carleton Place, O.  
 Symmes, Howard C., Aylmer, Q.  
 Thompson, Fred. W., Coaticook, Q.  
 Thomson, Clarence, Montreal  
 Thomson, Henry N., Quebec, Q.  
 Thomson, Henry S., Quebec, Q.  
 Travis, Berton C., Hampton, N.B.  
 Turnbull, John M., Montreal  
 \*Vickerson, Herbert J., Bedeique, P.E.I.  
 Wade, Francis K., Rickmansworth, Herts, Eng.  
 Walters, Morley, Hull, Q.  
 Weldon, Robert P., St. John, N.B.  
 Yorston, Louis, Pictou, N.S.

## SECOND YEAR.

- Alley, Gordon T., Charlottetown, P.E.I.  
 Atkinson, George A. S., Montreal  
 Archibald, William M., Truro, N.S.  
 Balfour, Reginald H., Montreal  
 Bayfield, Henry A., Charlottetown, P.E.I.  
 Bishop, James S., Montreal  
 Buchanan, Fitzherbert P., Montreal  
 Chase, Harry A., Kentville, N.S.  
 Clark, Ernest R., Stratford, O.  
 Courtice, Francis E., Port Perry, O.  
 Denis, Théophile, Montreal  
 Dougall, George M., Montreal  
 Dufresne, Alexander R., Ottawa, O.  
 Ferguson, Thomas, Peterboro, O.
- Gill, James L. W., Little York, P.E.I.  
 Green, Joseph S. R., Montreal  
 Hare, George G., St. John, N.B.  
 Howe, Ralph E., Hatley, Q.  
 Hunter, John William, Kingston, O.  
 Jaquays, Homer M., Montreal  
 Johnson, William S., Clapham, Q.  
 Kenny, Thomas F., Ottawa, O.  
 Killaly, Hamilton McM., Morrisburg, O.  
 \*Lewis, George G., Montreal  
 McCallum, Arthur, Maxwell, O.  
 McDougall, William, Ormstown, Q.  
 McLaren, Duncan T., Montreal  
 Metcalfe, Thomas H., Montreal  
 Mussen, Horace W., Aurora, O.

Ogilvie,  
 Bridge,  
 Olive, Wa  
 Reinhardt,  
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 Skill, Herl

Angus, Wm  
 Askwith, V  
 Baker, Huq  
 Becket, Fr  
 Blackburn,  
 Boright, Ge  
 Carter, Wn  
 Currie, Wm  
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 Dougall, W  
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 Gwillim, Jo  
 Hart, Orobi  
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 King, Rober

Brodie, Alex  
 Cole, Arthur  
 Collyer, Alfr  
 Connor, Mat  
 Costigan, Jan  
 Darling, Edv  
 Dawson, Ale  
 Duff, Wm. J  
 Dyer, Leonar  
 Gunn, Robert  
 Lambert, Fr  
 Larmonth, Jc

Adams, Walt  
 Featherston,  
 Herdt, Henry

\*Partial Stud

Ogilvie, William M., Cumming's Bridge, O.	Smaill, Albert E., Montreal
Olive, Walter McH., St. John, N.B.	Stewart, Robert H., Montreal
Reinhardt, Carl, Montreal	*Taylor, Jeremy B. F., Ottawa, O.
Rutherford, Gordon S., Montreal	Walkem, George A., Kingston, O.
Rutherford, Stewart F., Montreal	Webb, William M., Petrolia, O.
Skill, Herbert G., Cobourg, O.	White, Frank H., Montreal
	Wright, Charles H., Renfrew, O.

## THIRD YEAR.

Angus, Wm. F., Montreal	McDougall, George D., Amherst, N.S.
Askwith, Wm. R., New Edinburgh, O.	McDunnough, Ralph B., Montreal
Baker, Hugh C., Ottawa, O.	McNaughton, Peter, Huntingdon, Q.
Becket, Frederick M., Montreal	Moodie, Kenneth, Chesterville, O.
Blackburn, Robert L., Ottawa, O.	Nivin, Thomas F., Montreal
Boright, George N., Sutton, Q.	Primrose, John, Pictou, N.S.
Carter, Wm. F., Cowansville, Q.	Robins, Sampson P., Montreal
Currie, Wm., Montreal	Rogers, Frank D., Montreal
Dobson, Gilbert S., Dorchester, N.B.	*Rutherford, Forrest, Montreal
Dougall, Wilfrid, Montreal	Scott, Alfred, Port Hope, O.
Greig, Alex. R., Montreal	Trenholme, Henry R., Montreal Jct., Q.
Griffin, Michael E., Georgetown, P.E.I.	Turner, John A., Hamilton, O.
Gwillim, John C., Winnipeg, Man.	Van Barneveld, Chas. E., Grindstone, Magdalen Islands, Q.
Hart, Orobio C., Cowansville, Q.	Wilkin, Francis A., Calgary, N.W.T.
Johnson, Edward P., Ottawa, O.	White, Walter T., St. John, N.B.
King, Robert O., Montreal	

## FOURTH YEAR.

Brodie, Alexander, Quebec	Leach, Wm. W., Montreal
Cole, Arthur A., Montreal	Lonergan, Gerald J., Buckingham, Q.
Collyer, Alfred, Playden, Sussex, Eng.	Longworth, Chas. H. B., Charlottetown, P.E.I.
Connor, Matthew F., Ottawa	Mackay, Henry M., Pictou, N.S.
Costigan, James S., Montreal	Molson, Herbert, Montreal
Darling, Edward, Montreal	Morris, John W., Wallace, N.S.
Dawson, Alex. S., Pictou, N.S.	Mudge, Arthur L., Montreal
Duff, Wm. A., Montreal	Pitcher, Frank H., Montreal
Dyer, Leonard W. E., Montreal	Scammell, John K., St. John, N.B.
Gunn, Robert A., Montreal	Scott, Walter M., Charlottetown, P.E.I.
Lambert, Frank, Woodstock, O.	Whiteside, Orton E. S., Metcalfe, O.
Larmonth, John H., Ottawa, O.	

## POST GRADUATE.

Adams, Walter C., Montreal	Kingston, Charles B., Montreal
Featherston, John H., Montreal	Ogilvy, Robert F., Montreal
Herd, Henry, Montreal	*Westwood, Geo. W. J., Nanaimo, B.C.

\*Partial Student.

FACULTY OF COMPARATIVE MEDICINE AND  
VETERINARY SCIENCE.

FIRST YEAR.

Craik, Jas.....Allan's Corners, Q	McNider, S.....Little Metis, Q
Dell, H... .. London, O	Morris, E. H.....Mexico, Mo
Greer, J.....Ormstown, Q	Ness, J.....Howick, Q
Judge, J. J.....Troy, N.Y	Newcomb, H. H.....Greenfield, Mass.
Kee, F. W.....Ormstown, Q	Parker, J. C.....Montreal
McCarry, J. J.....Montreal	Richards, S. C.....South Wales, Eng.
MacKeracher, G. P.....Howick, Q	

SECOND YEAR.

Baldwin, B. K.....Philadelphia, Pa.	Inglis, W.....Granby, Q
Boutelle, C. A.....Danville, Q	Jones, W. V.....Wolfville, N.S
Clarke, H. D.....Plainfield, Mass	Lehnert, E. H.....Clinton, Mass
Cowan, A.....Montreal	Reagan, S. M.....Mexico, Mo
Cutting, J. C.....Boston, Mass	Thurston, E. C.....Montreal
Fraser, A. D.....Montreal	Zink, C. H., jr.....Philadelphia, Pa
Hargrave, J. C.....Medicine Hat, Ass	

THIRD YEAR.

Anderson, B.....Montreal	Morin, W.....Belle Rivière, Q
Baker, G. P.....Binscarth, Man	Mulvey, C. J.....Mooers, N.Y
Buchan, J. A.....L'Orignal, O	McAlpine, D.....Vankleek Hill, O
Cannon, A.....Greenfield, Mass	McGillivray, J. D.....Laggan, O.
Carey, E. J.....North Adams, Ms	McLeod, J. H.....Howick, Q
Cleveland, H. R.....Danville, Q	Shaw, J. R.....Honolulu, H.I
French, C.....London, Eng	Salley, J. L.....Skowhegan, Me
Grattan, R. H.....Preston, Minn	Solandt, J. V.....Inverness, Q
Hall, A. H.....Leeds, Q	Thomas, R.....Middlebush, N.J
Hollingsworth, J. B.....Hawkesbury, O	Walsh, F. W.....Ormstown, Q
Moore, A. E.....Stanbridge E., Q	

COLLEGES AFFILIATED IN ARTS.

MORRIN COLLEGE, QUEBEC.

*Undergraduates.*

Fraser, Ethel, 4th year,	Drum, Harcourt
McWilliam, Bessie, 2nd year,	Langlois, Peter
Bishop, Cyril	Taylor, William B.

ST. FRANCIS COLLEGE, RICHMOND

*Undergraduates.*

McDougall, Cairnie L.,	Melbourne, Q	Wadleigh, Wm. W.,	Kingsey, Q
Crack, Herbert A.,	Kingsbury, Q	McBurney, Chas. E.,	Sawyer, Q
Ewing, Wm. John,	Melbourne, Q	Pocock, Charles A.,	Hillhurst, Q

Fisher, Ern  
Frye, Alfred  
McIver, Eva  
Paterson, E  
Pope, Charl  
Tanner, Ch  
Tanner, W

Bryant, Flor  
Rugg, M. Ali  
Howard, Cat  
McDuffee, M  
Ryan, Wm. A  
Ryan, Georg  
Nunns, E. J.,

Students in 1  
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Total

Students in Ar  
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Deduct entered

McGill Normal



Fisher, Ernest M.,	Melbourne, Q	McRae, Robert H.,	Cookshire, Q
Frye, Alfred W.,	Windsor Mills, Q	McRae, Jas. T.,	Cookshire, Q
McIver, Evander W.,	Richmond, Q	Watson, Wm.,	Kingsbury, Q
Paterson, Edwin R.,	Richmond, Q	Coburn, David N.,	Upper Melbourne, Q
Pope, Charles H.,	Sydenham Place, Q	Paterson, Wm. F.,	Richmond, Q
Tanner, Chas. A. H.,	Richmond, Q	Vaudry, Mary O.,	Sheffield Mt., Q
Tanner, Wm. P.,	Richmond, Q		

STANSTEAD WESLEYAN COLLEGE.

*Undergraduates.*

Bryant, Flora A.,	Stanstead, Q	Van Vliet, Leonie,	Lacolle, Q
Rugg, M. Alice,	Stanstead, Q	Terrill, H. Maud,	Stanstead, Q
Howard, Cath. M. H.,	Philipsburg, Q	MacNaughton, Wm. G.,	Huntingdon, Q
McDuffee, Mary E.,	Stanstead, Q	Duboyce, Percy C.,	Knowlton, Q
Ryan, Wm. A.,	Three Rivers, Q	Whitcher, Herbert,	Derby Line, Vt., U.S.
Ryan, George,	Three Rivers, Q	Vaughan, Fred. W.,	Ayer's Flat, Q
Nunns, E. J.,	Coaticook, Q		

SUMMARY.

Students in Law, McGill College .....	38
“ in Medicine, “ .....	350
“ in Arts :—	
Men { Graduates .....	10
Undergraduates.....	121
Partial.....	106
Women { Graduates.....	11
Undergraduates.....	53
Partial.....	51
Total in Arts including Students from other Faculties .....	599
Students in Arts, Morrin College.....	6
“ “ “ St. Francis College.....	19
“ “ “ Stanstead Wesleyan College.....	13
“ “ Applied Science, McGill College :—	
{ Undergraduates .....	183
{ Partial and Graduates } .....	53
“ Veterinary Science.....	53
	1,014
Deduct entered in two Faculties.....	1
	1,013
McGill Normal School, Teachers-in-training.....	136
Total.....	1,149

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## Donations to Library and Museum

### DONATIONS TO THE LIBRARY.

1893-94.

From Canterbury College, New Zealand : Calendar for 1892-93.

From W. Trelease, Missouri Botanical Garden, St. Louis : Fourth Annual Report, 1892.

From Sir J. W. Dawson : The Hawks and Owls of the United States, in their relation to Agriculture.

From the Weather Bureau, Washington : Weather Maps for April and May.

From the Brooklyn Institute of Arts : Fourth Year Book, 1891-92.

From the State Board of Agriculture, Massachusetts : 40th Annual Report, 1892.

From the University of Sydney, N.S.W. : Catalogue of the Library, 1892.

From the University of London : Catalogue for 1893-94.

From Sir J. W. Dawson : Proceedings of the American Association for the Advancement of Science, 40th meeting held at Washington, 41st meeting held at Rochester ; Bulletin of the United States Fish Commission, 1890 ; National Electrical Light Association, 14th convention held at Montreal, 1891 ; 15th held at Rochester, 1892 ; U.S. Commission of Fish and Fisheries, Commissioners' Report, 1888 ; Smithsonian Report U.S. National Museum, 1890 ; Missouri Geological Survey, Report on Iron Ores, Winslow ; Report on Coal Deposits of Missouri, 1891 ; Report of the Minister of Education, Ontario, 1892 ; Leading Poets of Scotland by W. J. Kaye ; Proceedings of the Manchester Literary and Philosophical Society ; Memoir of J. P. Joule ; Principles of Education, by Malcolm MacVicar.

From Dr. Darey : Cruel Persecutions of the Protestants in the Kingdom of France, by Jean Claude.

From the Smithsonian Institution : Proceedings of the U.S. National Museum, 1890-91 ; Bulletin of ditto, No. 40, and 7 pamphlets, Entomology, etc.

From the author, Rev. George Brown, D.D. : Grammar and Dictionary of the Duke of York Dialect, New Britain ; The Gospel according to St. Mark, in the same.

From Sir J. W. Dawson : Smithsonian report of the U. S. National Museum, Geology of Weymouth, Portland and County of Dorset, by D. Robert Daman ; the Balance of Physics, by Edward Daigh ; Scripture Readings for High and Public Schools, Ontario.

From the Medical Faculty : Histoire du Canada et des Canadiens, par M. Bibaud ; Causes Politiques Célèbres du XIX Siècle, Procès du Duc d'Enghien, and a number of pamphlets and books in paper covers.

From the Provincial Government of Quebec : Arrêts en Conseil ayant Force de Loi dans la Province de Québec, 1893.

From Sir J. W. Dawson : Transactions of the Manchester Geological Society, Vol. 22, part 8.

From the Woodwardian Museum, Cambridge, Eng. : 27th Annual Report of the Museum and Lecture Room Syndicate, 1892.

From Hon. Arthur Benwick, M.D., Executive Commissioner for N.S.W. and Chicago : an Australian Language as spoken by the Awabakæ, the people of Awaba or Lac Macguarie, by L. E. Threkeld, 1892.

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From the U.S. War Department: Professional Papers of the Corps of Engineers of the U. S. Army, No. 26, 1892.

From the Dominion Government, Ottawa; Debates of the House of Commons, Vol. 36, 1893; Sessional Papers, Vol. 25, No. 7, 1892; "Public Works," Vol. 25, No. 7, 1892; "Railways and Canals," Maps—Public Works, 1891-92; Orders-in-Council of the Imperial Government, together with Treaties negotiated between H. M. the Queen and Foreign Powers; The Statistical Year Book of Canada for 1892; Analytical Index to Customs Tariff of Canada; Journal of the Senate of Canada, Vol. 27, 1893; Census of Canada, A, Vol. 1, 1890-91; Sessional Papers No. 1, Vol. 26, 1893; Journal, House of Commons, Canada, Vol. 27, 1893, Appendix.

From the Trustees of the Peabody Institute, Baltimore: Catalogue of the Library of the Peabody Institute, Part 5 S-Z.

From the Astronomer Royal: Greenwich Observations, 1890; Observations of the Time of Swing of the Indian Invariable Pendulum, 1889; Annals of the Cape Observatory, Vol. I., Parts 2, 3 and 4.

From the Geological Survey of New Jersey: Gasteropoda and Cephalopoda of the Raritan Clays and Greensand Marls of New Jersey.

From the University of Edinburgh: Calendar for 1893-94.

From Glasgow University: Calendar for 1893-94.

From the Dominion Educational Association: Proceedings of the 1st Convention held at Montreal, July, 1892.

From the Institution of Civil Engineers: Charter and List of Members, 1893, Minutes and Proceedings of the Institution of C.E., Vol. CXII., 1892-93, Part II.

From the Smithsonian Institution: Smithsonian Collections, Vol. 36, 1893.

From the University of Sydney, N. S. W.: Calendar for 1893.

From the University of Manitoba: Calendar for 1893-94.

From the Royal Colonial Institute: Proceedings, Vol. XXIV., 1892-93.

From the New Zealand University, Wellington, N.Z.: Calendar for 1893-94.

From the Bureau of Education, Washington: Report of the Commissioners of Education, 1889-90.

From the American Institute of Mining Engineers, N. Y.: Transactions, Vol. XXI., 1893.

From the Institution of Civil Engineers, London, Eng.: Proceedings, Vol. CXIII., 1893.

From Sir J. W. Dawson: 2nd Report of the Bureau of Mines, Ontario, 1892; Jamaica at the Columbian Exposition, 1893; U.S. Geological Survey, Mineral Resources of the U.S. for 1891; do., 11th Annual Report, Part 1 Geology, Part 2 Irrigation; United States Geological Survey, Monograph, Vol. 17; the Flora of the Dakota Group, by L. Tesquereux; ditto, Monograph, Vol. 18 Gasteropoda and Cephalopoda of the Raritan Clays of New Jersey; ditto Vol. 20; Geology of the Eureka District, Nevada, by Arnold Hague, 1892, Maps to accompany ditto. Report of the U.S. National Museum for the year ending, June 30th, 1891. Proceedings of the Boston Society of Natural History, Vol. XXV.; Iowa Geological Survey, Vol. I. 1st Annual Report for 1892; Proceedings of the Convention of the Dominion Educational Association, July 1892.

From Messrs. Macmillan & Co., London: Das Wirtshaus im Spessart Mardun, von Wilhelm Hanff.

From the New York Academy of Sciences: Transactions, Vol. XII., 1892-93.

From the Royal Society of Canada: Proceedings and Transactions, Vol. X.

From the Geol. and Nat. History Society of Minnesota: The Metaspenniae of the Minnesota Valley, 1892.

From the Bureau of Ethnology: 8th Annual Report of the Bureau.

From the Victoria University, Toronto: Calendar for 1893.

From Dr. D. J. Leech (Master of the Council of Owens College): Owens College, its Foundation and Growth.

From the Aberdeen University: Calendar for 1893-4.

From Peter Redpath, Esq.: Quaritch's Catalogue, 7 vols.; Macmillan's Bibliographical Catalogue; Picturesque Canada; Statesman's Year Book, 1874-93; The Book-worm, 5 vols.; Fleming, The Intercolonial; English Catalogue, 1835-93, 8 vols.; Sonnenschein, The Best Books; Vallée, Bibliographie des Bibliographies; Stevens' Facsimiles, 4 vols.; Murray's English Dictionary, part 7; Annual Register, 1892; Reiss & Steubel, Necropolis of Ancon; Index to the "Times," 218 vols.; Symond's Michael Angelo; Catalogue of The London Library, with Index; Hazlitt's Collections, and Gray's Index to do, 6 vols.; Report of Royal Commission on Hist. MSS.; Calendars of State Papers; Acts of Privy Council; Chronicles and Memorials of Gr. Brit.; British Museum Catalogues; Facsimiles of National MSS., Scotland; Facsimiles of National MSS., England; Hakluyt Society pubs; Oxford Hist. Society; Holbein Society; Royal Society, Catalogue of Scientific Papers; Chaucer Society, 59 vols.; Rousseau, Œuvres, 1827; Waring's Art Treasures, 1858; Milton's Works, Boydell, 1794-7 3 vols. fo.; Hodgson's Letters from North America, 1824; White's Sketches from North America, 1870; Warburton's Canada, 1849; Statesman's Year-Book, 1864-73; Coffin, 1812, The War and its Moral; Garneau, History of Canada, 1860; Watt's Bibliotheca Britannica, 1824; Lowndes's Bibliographer's Manual; British Catalogue, Index; English Catalogue; Power's Handy Book about Books; Hains' Repertorium, 1826-38; Panzer's Annales Typ. 1789-1805; Panzer's Annalen d. Deutsch. Lit., 1785-1805; Teleng's Bibliotheca; Hazlitt's Hand-book to Popular Literature; Buck's Views; Pyne's Royal Residences; Boydell's River Thames; Dictionary of the Chinook Jargon, or Indian Trade Language of the North Pacific Coast, p. c.

From W. C. McDonald, Esq., Archimedes, Opera Omnia; Liebig, Annalen der Chemie, 276 vols.; Gilbert, Poggendorff and Wiedemann, Annalen der Physik und Chemie, 280 vols.; Annals of Electricity, 10 vols.; Barr, Opera; Berliner Akademie der Wissenschaften, Histoire, Abhandlungen, Sitzungsberichte, etc., from 1745-1893; Braun, Abhandlungen; Beltzmann, do; Fourier, Travaux; Foucault, Travaux; Gauss, Werke; Gordon, Physical Treatises; Green, Essay; Guericke, Experimente; Helmholtz, Abhandlungen, 2 vols.; Huygens, Œuvres, 5 vols.; Kirchhoff, Abhandlungen; Lang, Lummel, Siemens, Ohm and others, Abhandlungen; Newton, Philosophia Naturalis; Rumford, Werke, 5 vols.; Repertorium fur Experimental Physik, 27 vols.; Paris, Institut de France, Histoire et Mémoires, 107 vols.; Comptes Rendus, 117 vols.; Torricelli, De Sphæra; Weber, Wellenlehre; do, Werke, 5 vols.; Wiedemann, Electricitat, 5 vols.; Wiener Akademie, Abhandlungen, Sitzungsberichte, etc., 101 vols.; Ostwald and Van Hoff, Zeitschrift fur physical. Chemie, 12 vols.; do, fur Instrumentenkunde, 13 vols.; Journal de Physique, series I., II., and III., complete.

From Five Graduates: Curtis' Botanical Magazine, vols. 1-36, and Index.

From New York Academy of Sciences: Annals, vol. 8, Nos. 1, 3.

From Dominion Government, Ottawa: Sessional papers, vol. 26, No. 2.

From Sir Donald A. Smith: Descartes, Opera., 1664; Archimedes, Opera, 1543; Edinburgh Journal of Science, 1524-52; Edinburgh Philosophical Journal, 1819-54; Fresnel, Œuvres; Newton's Optics; Verdet, Œuvres; Nature, 1869-73 and 1873-92; Adelaide Observations, 1876-83 and 1888-9; Cape of Good Hope Observations, 1856-73; Clarke's Standards of Length; Connaissance des Temps; Hansen's Tables de la Lune; Indian Trigonometrical Survey; do, Synopsis; do, Reports; Ordinance Survey; Lough Foyle, Base; Anglia Christiana Society; Manchester Lit. and Philosophical Society; Monthly Notices of R. Astron.

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Latitude, N.  $45^{\circ} 30' 17''$ . Longitude,  $4^{\text{h}} 54^{\text{m}} 18^{\text{s}} 65$ .

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**UNIVERSITY LITERARY SOCIETY.**

ESTABLISHED 1869.

OBJECTS.—The encouragement of literary and scientific pursuits, and the promotion of self-culture among the members.

**UNDERGRADUATES' LITERARY SOCIETY.**

CONSTITUTED 1880.

<i>President :</i>	W. DONAHUE, B.A.
<i>1st Vice-President :</i>	F. H. GRAHAM.
<i>2nd Vice-President :</i>	J. C. WATT.
<i>Treasurer .</i>	F. LAMBERT.
<i>Secretary :</i>	H. A. HONEYMAN, B.A.
<i>Assistant Secretary :</i>	W. G. G. COLE.

*Programme Committee.*—C. C. GURD, D. T. DAVIS, J. M. WALLACE, S. G. ARCHIBALD, M. F. CONNOR.

**MCGILL COLLEGE YOUNG MEN'S CHRISTIAN  
ASSOCIATION.**

**OBJECT.**—To promote the piety of its members and the cause of Christianity in the University.

**MEMBERSHIP.**—The active Membership of the Association shall consist of Graduates and Students of the University who are members of some Protestant church. Any Graduate and Student of good moral character may become an associate member. A social reception is given to new students at the beginning of the session.

SESSION 1894-95.

*Hon. President :*

SIR J. WM. DAWSON, LL.D., C.M.G., etc.

*President*—W. C. SUTHERLAND, Arts, '95.

*1st Vice-President*—PERCY C. LESLIE, Med., '95.

*2nd Do* H. P. ARCHIBALD, Sc., '97.

*Recording Sec.*—ARTHUR GUN, Med., '95.

*Treasurer*—J. C. ROBERTSON, Arts, '96.

*Assistant Treas.*—A. R. ROSS, Arts, '97.

*General Secretary*—A. MAHAFFY, B.A.

CHAIRMEN OF COMMITTEES.

*Religious Meeting*—R. O. ROSS, B.A., Med., '96.

*Bible Study*—C. OGILVY, B.A.

*Comm*  
and A. R.  
(Science)  
Cowan, ?



*Membership*—J. M. WALLACE, Arts, '95.

*Social*—N. D. KEITH, Arts, '95.

*Music*—F. M. BECKET, Sc., '95.

*Social Purity*—M. C. HOPKINS, Arts, '95.

*Bulletin*—H. J. VICKERSON, Sc., '97.

*Hand Book*—W. G. COLE, Arts, '96.

*Finance*—J. C. ROBERTSON, Arts, '95.

*Building*—F. J. DAY, B.A.

*Graduate*—A. GRAHAM, B.A.

*Boarding House*—E. W. ARCHIBALD, B.A., Med., '96.

*Fall Campaign*—P. C. LESLIE, Med., '95.

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**MCGILL UNIVERSITY ATHLETIC ASSOCIATION.**

ESTABLISHED 1884.

*Hon. President.*

PROF. C. H. MCLEOD, MA.E., F.R.S.C.

*President.*

F. A. WILKIN, Ap. Sc., '95.

*Vice-President.*

S. CARMICHAEL, B.A., Law, '95.

*Secretary.*

F. E. L. JOHNSTON, Med., '95.

*Hon. Treasurer.*

PROF. J. COX, M.A.

*Treasurer.*

H. J. SCHWARTZ, Arts, '96.

*Committee.*—C. Gaudet, '95, and V.E. Mitchel, '96, (Law); E.E. Howard, '95, and A. R. McMaster, '97, (Arts); H. Trenholme, '95, and G. Drinkwater, '97, (Science); H. T. Knapp, B.A., '95, and H. C. Campbell, '97, (Medicine); A. Cowan, '95, (Vet. Medicine.) F. Day, — Hamilton, Brace. (Theology.)

## IN AFFILIATION.

*Foot-Ball Club.**Hon. President*—Prof. J. Nicolson, B.Sc.*President*—W. F. Angus, Ap. Sc., '95.*Vice-President*—C. Gaudet, Law, '95.*Captain 1st XV*—Lorne Dunn, B.A., Med., '96.*Secretary*—J. C. Hickson, Arts, '95.*Hon. Treasurer*—Prof. Ruttan, M.A., M.D.*Treasurer*—W. Turner, Arts, '96.*Committee.*—Schwartz and McDougall, (Arts); Davidson and Wilkin, (Ap. Sc.); Ogilvie and Donahue, (Law); P. Leslie and Jack Tees, B.A., (Med.); Cowan, (Vet. Science.)*Hockey Club.**Hon. President*—Sir W. Dawson.*President*—Shirley Davidson, Ap. Sc., '97.*Vice-President*—G. Lewis, Ap. Sc.*Captain*—F. A. C. Bickerdike, Arts, '94.*Secretary-Treasurer*—F. M. Becket, Ap. Sc., '95.**DELTA SIGMA SOCIETY.**

ESTABLISHED 1884.

OFFICERS FOR 1893-94.

*President*—Jessie Brown.*Vice-President*—Florence Botterell.*Secretary-Treasurer*—Winona Pitcher.*Assistant Secretary*—Bessie Ross.*Committee.*—Misses Hammond, Watson and Reid.**YOUNG WOMEN'S CHRISTIAN ASSOCIATION.**

ESTABLISHED 1887 (AS THEODORA SOCIETY).

OBJECT.—The development of Christian character in the members, and the development of active Christian work particularly among the young women of the University. Open for membership to students of the Donalda special course for women.

## SESSION 1894-95.

*President*—Ethel Radford.  
*Vice-President*—Louise Krause.  
*Corresponding Secretary*—Amy Nicholls.  
*Recording Secretary*—Ethel Doull.  
*Treasurer*—A. Louise Smith.

*Convener of Devotional and Bible Study Committee.*

Katharine Travis.

*Convener of Theodora (Missionary) Committee.*

Harriet Hill.

*Convener of Membership Committee.*

Bessie Ross.

**MCGILL COLLEGE CLASSICAL CLUB.**

For the purpose of fostering a greater interest in and promoting the further study of Classical Languages, Literature and Art.

## OFFICERS FOR 1894-5.

*Hon. President*,—A. J. Eaton, Ph.D.  
*President*,—David T. Davis, B.A., '94.  
*Vice-President*,—M. O. Lambly, B.A., '94.  
*Secretary*,—Major MacIntosh, '95.  
*Treasurer*,—W. W. Craig, '95.  
*Executive Committee*,—John Blackett, B.A., '94; W. P. Garrett, B.A., '94.

# University Extension Lectures.

UNDER THE SUPERINTENDENCE OF MCGILL UNIVERSITY,  
MONTREAL, AND BISHOP'S COLLEGE, LENNOXVILLE.

SESSION 1894-95.

The Joint Board of Representatives of McGill University and the University of Bishop's College is prepared to organize and superintend courses of Lectures and Classes in populous centres for English-speaking audiences in the Province of Quebec.

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## OBJECT.

The purpose of the Local Lectures is to provide the means of higher education for persons of all classes and of both sexes engaged in the regular occupations of life. To obtain this object, the Lectures will be organized upon the general lines which have been worked out successfully from twenty years' experience in England.

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## PLAN OF THE LECTURES.

In order to make the teaching at the same time attractive and thorough, a special method is followed.

1. The courses consist of ten weekly lectures, each lecture occupying an hour.
2. For about an hour preceding or following each lecture, a Class is held for those students who wish to study the subject more thoroughly. The teaching in the class is conversational, and its object is to enable the Lecturer to answer questions or solve difficulties which have occurred to students, and to give advice as to text-books and other means of studying the subject.
3. The ten Lectures and Classes, which may be given in the three months before or three months after Christmas, form a continuous course on one subject.
4. In order to enable Students to follow the lecture readily and to carry away the substance of it, a printed syllabus in pamphlet form is prepared beforehand by the Lecturer for the use of Students.
5. Questions (printed in the syllabus) are set upon each Lecture. Those who desire to answer the questions write their answers at home during the week, and forward them to the Lecturer for correction and comment.

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5. At the end of the Course an examination is held by the Lecturer, and another Examiner appointed for the purpose by the Joint Board of the Universities. The examination is not compulsory. Only those are admitted to it who have attended the Lectures and Classes to the satisfaction of the Lecturer, and have done such an amount of weekly paper work as the Lecturer may have required.

A list of the Candidates who have satisfied the Lecturer and Examiner is published, the names being arranged in alphabetical order. The list also indicates those who are recommended both by the Lecturer and Examiner for special distinction. Certificates of Passing and of Distinction are granted, based upon (1) the Lecturer's report of the weekly work, (2) the final examination.

It will be seen that this system is adapted at the same time to persons who desire merely a general acquaintance with the subjects taught and to Students who are anxious to make a more thorough study. The majority of the courses in the English system have been given in the evening, as the fundamental idea throughout has been education for busy people. The audiences have included persons drawn from all ranks of society and of the widest diversity of previous education and training.

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#### SUBJECTS OF THE LECTURES.

The Universities expect to provide Lectures on subjects connected with :—

- I. English Language and Literature.
- II. History and Archæology.
- III. Logic, Mental and Moral Philosophy, and Political Science.
- IV. Chemistry and its applications.
- V. Astronomy.
- VI. Electricity and other branches of Physical Science.
- VII. Botany and Zoology, Animal and Vegetable Physiology.
- VIII. Mineralogy and Geology.

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#### APPOINTMENT OF LECTURERS.

In accordance with the requirements of the General Council for the extension of University teaching, Lecturers are appointed by the Joint Board only upon recommendation by a University and after inquiry as to special qualifications and approval of the syllabus submitted. The choice of a lecturer and subject from the list approved by the Board is made in each case by the Local Centre concerned.

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#### ORGANIZATION OF A CENTRE.

When it is desired to establish a course of Lectures, a Local Committee should first be got together, and a guarantee fund formed sufficient to cover the expenses of the Course. The Local Committee undertakes all responsibility for hire of

rooms, lighting, printing and sale of tickets, etc.; it fixes the price of tickets according to the size and class of audience expected, with a view to making the Lectures self-supporting, and chooses the subject and the Lecturer, communicating its wishes to the Joint Board through its Secretary.

#### EXPENSES OF A COURSE.

The payment to the Joint Board for a complete course of Ten Lectures and Classes, with examination, is \$150. In cases where a lecturer from a distance is chosen, or much apparatus is used, travelling expenses and the cost of hiring apparatus will be an extra charge.

Further information may be obtained from the Secretary to the Joint Board, Professor J. Cox, McGill University, Montreal.

May, 1894.

## REGULATIONS

CONCERNING

### THE COLLEGE GROUNDS AND ATHLETICS.

All matters relating to the management of the College grounds and of Outdoor Athletics and Sports are under the control of a Committee consisting of:

- One Governor.
- The Principal.
- One Member of the Faculty of Arts.
- One Member of the Faculty of Applied Science.
- One Member of the Faculty of Law.
- One Member of the Faculty of Medicine.
- One Member of the Faculty of Comp. Medicine.
- One Graduate.
- One Undergraduate, member of the Football Club.
- One Undergraduate, member of the Tennis Clubs.
- One Undergraduate, member of the Cricket Club.
- One Undergraduate, member of the Hockey Club.
- The President of the Athletic Association.

The following extracts are made from the rules and regulations of the Committee for the guidance of Members of the University and the several Athletic Clubs and Associations which are from time to time permitted to use the grounds:

The University and McTavish Street gates shall be closed between 6 p.m. and 7 a.m. on week days and the whole day on Sundays.

The Sherbrooke Street gates shall be closed between 10 p.m. and 6 a.m.

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Such persons as are entitled to use the Grounds shall be provided with tickets renewable each year.

Those entitled to tickets are the Members of the University and prominent Benefactors, and the families of Governors and Professors.

The several Clubs shall be permitted to issue special tickets (without charge), entitling the holders to admission to the Grounds for the purpose of viewing matches, or for other special occasions of public interest.

All Students desirous of taking part in football matches, or otherwise engaging in violent athletic contests, must pass a medical examination, to be held under the direction of the Superintendent of the Gymnasium. A complete record of all such examinations shall be kept by the Superintendent or other officer appointed to this duty.

All Clubs must submit their Regulations, Rules and By-Laws, and any changes in the same, for the approval of the Committee. They must make application for the use of such portions of the Grounds as they require and for any special privileges.

The Athletic Association must submit its programme for each year for the approval of the Committee.

**BENEFACTORS OF**  
**McGill University, Montreal,**

**1. GENERAL ENDOWMENTS AND SUBSCRIPTIONS FOR  
 THE UNIVERSITY AND THE FACULTY OF ARTS.**

**1. ORIGINAL ENDOWMENT, 1811.**

**THE HONORABLE JAMES MCGILL**, who was born at Glasgow, 6th Oct., 1744, and died at Montreal, 19th Dec., 1813, by his last will and testament, under date 8th January, 1811, devised the Estate of Burnside, situated near the City of Montreal, and containing forty-seven acres of land, with the Manor House and Buildings thereon erected, and also bequeathed the sum of ten thousand pounds in money unto the "Royal Institution for the Advancement of Learning," a Corporation constituted in virtue of an Act of Parliament passed in the Forty-first Year of the Reign of His Majesty, King George the Third, to erect and establish a University or College, for the purpose of Education and the advancement of learning, in the Province of Lower Canada, with a competent number of Professors and Teachers to render such Establishment effectual and beneficial for the purposes intended; requiring that one of the Colleges to be comprised in the said University should be named and perpetually be known and distinguished by the appellation of "McGill College."

The value of the above-mentioned property was estimated at the date of the bequest at .....\$120,000

**2. UNIVERSITY BUILDINGS, ETC.**

**THE WILLIAM MOLSON HALL**, being the west wing of the McGill College buildings with the connecting Corridors and Class Rooms, was erected in 1861, through the munificent donation of the founder whose name it bears.

**THE PETER REDPATH MUSEUM**, the gift of the donor whose name it bears, was announced by him as a donation to the University in 1880, and formally opened August, 1882.

**THE WILLIAM C. McDONALD** Physics building and equipment of same, the gift of William C. McDonald, Esq., announced by him as a gift to the University in 1890, and formally opened February, 1893.

**Lots for University buildings** adjoining the College grounds fronting on McTavish St., presented by J. H. R. Molson, Esq.,—\$42,500.

**THE PETER REDPATH LIBRARY BUILDING**, the gift of Peter Redpath, Esq., announced by him as a gift to the University in 1891, and formally opened Oct. 31st, 1893.

**3. THE DONALDA ENDOWMENT FOR THE HIGHER EDUCATION  
 OF WOMEN.**

This endowment, given by the Honorable Sir Donald A. Smith of Montreal, is for the education of women in the subjects of the Faculty of Arts, up to the standard of the examination for B.A., in classes wholly separate, to constitute a separate Special Course or College for women,—\$120,000.

**4. ENDOWED CHAIRS, ETC.**

**THE MOLSON CHAIR OF ENGLISH LANGUAGE AND LITERATURE**, in 1856, endowed by the Honorable John Molson, Thomas Molson, Esq., and William Molson, Esq.,—\$20,000, and supplemented in 1892 by John H. R. Molson, Esq., with a further sum of \$20,000. Total \$40,000.

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- THE PETER REDPATH CHAIR OF PURE MATHEMATICS (founded as Chair of Natural Philosophy), in 1871, endowed by Peter Redpath, Esq.,—\$20,000.
- THE LOGAN CHAIR OF GEOLOGY, in 1871, endowed by Sir W. E. Logan, LL.D., F.R.S., and Hart Logan, Esq.,—\$20,000.
- THE JOHN FROTHINGHAM CHAIR OF MENTAL AND MORAL PHILOSOPHY, in 1873, endowed by Miss Louisa Frothingham,—\$20,600.
- THE MAJOR HIRAM MILLS CHAIR OF CLASSICS, in 1882, endowed by the last will of the late Major Hiram Mills of Montreal,—\$42,000.
- THE DAVID J. GREENSHIELDS CHAIR OF CHEMISTRY AND MINERALOGY, in the Faculties of Arts and Applied Science, in 1883, endowed by the last will of the late David J. Greenshields, Esq., of Montreal, with the sum of \$40,000, half of which is devoted to the Faculty of Arts.
- THE WILLIAM C. McDONALD CHAIRS OF PHYSICS, endowed by William C. McDonald, Esq., in 1890,—\$50,000; in 1893, \$50,000. Total, \$100,000.
- THE JOHN FROTHINGHAM PRINCIPAL FUND, to be invested for the endowment of the Principalship of the University; founded by the Rev. Frederick Frothingham and Mrs. J. H. R. Molson,—\$40,000.
- THE CHARLES GIBB BOTANICAL ENDOWMENT, received by subscriptions, the endowment to be invested by the Board of Governors and the income devoted to the maintenance of the Chair of Botany in the Faculty of Arts, and to procuring appliances therefor.
- Miss Elizabeth C. Orkney,—\$2,000.  
Mrs. Catherine Hill,—\$200.
- W. C. McDONALD PHYSICS BUILDING Maintenance Fund, endowed by W. C. McDonald, Esq., to be invested and interest used to meet the expense of Heating, Lighting, Insurance, and salary of caretaker,—\$40,000.

#### 5. ENDOWMENT FOR PENSION FUND.

This endowment is given to be invested and kept as a Special Fund, the revenue arising from which to be used exclusively for providing Pensions or Retiring Allowances for members of the teaching staff of the Faculties of Arts and Applied Science.

Hon. Sir Donald A. Smith,	\$50,000 00
John H. R. Molson, Esq.,	50,000 00
William C. McDonald, Esq.,	50,000 00

Total \$150,000 00

#### 6. EXHIBITIONS AND SCHOLARSHIPS, ETC.

- THE JANE REDPATH EXHIBITION, in the Faculty of Arts,—founded in 1868 by Mrs. Redpath, of Terrace Bank, Montreal, and endowed with the sum of \$1,667.
- THE McDONALD SCHOLARSHIPS AND EXHIBITIONS, 10 in number, in the Faculty of Arts—founded in 1871, and endowed in 1882 with the sum of \$25,000, by William C. McDonald, Esq.
- THE CHARLES ALEXANDER SCHOLARSHIP, for Classics—founded in 1871 by Charles Alexander, Esq. Endowed in 1893 with the sum of \$2,000.
- THE BARBARA SCOTT SCHOLARSHIP FOR CLASSICAL LANGUAGE AND LITERATURE—founded by the last will of the late Miss Barbara Scott of Montreal, in the sum of \$2,000, in 1884.
- THE GEORGE HAGUE EXHIBITION—founded in 1881 in the Faculty of Arts.—Annual value, \$125.
- THE MAJOR HIRAM MILLS MEDAL AND SCHOLARSHIP—in the Faculty of Arts, founded by the will of the late Major Hiram Mills of Montreal, and endowed with the sum of \$1,500.
- T. M. THOMPSON, Esq.—\$250 for two Exhibitions in September, 1871; \$200 for two Exhibitions in 1872,—\$450.
- REV. CGLIN C. STUART—for the "Stuart Prize in Hebrew,"—\$60.
- THE TAYLOR SCHOLARSHIP—founded in 1871, by T. M. Taylor, Esq.—Annual value \$100.—terminated in 1878.

PROFESSOR ALEXANDER JOHNSON—for Scholarship for 3 Sessions, terminated 1886-87,—\$350.

HER MAJESTY'S COMMISSION for the Exhibition of 1851—Nomination Scholarships for 1891 and 1893, value £150 annually, tenable for two years.

THE PHILIP CARPENTER FELLOWSHIP—founded by Mrs. Philip Carpenter, for the Maintenance of a Post-Graduation Teaching Fellowship or Scholarship in Natural Science or some branch thereof in the Faculty of Arts of McGill College, endowed with the sum of \$7,000.

A Lady, to provide four free tuitions in the Faculty of Arts for sessions 1892-3 and 1893-4.

#### 7. ENDOWMENTS OF MEDALS AND PRIZES.

In 1856 Henry Chapman, Esq., founded a gold medal, to be named the "Henry Chapman Gold Medal," to be given annually in the graduating class in Arts. This Medal was endowed by Mr. Chapman in 1874, with the sum of \$700.

In 1860 the sum of £200, presented to the College by H.R.H. the Prince of Wales, was applied to the foundation of a Gold Medal, to be called the "Prince of Wales Gold Medal," which is given in the graduating class for Honour Studies in Mental and Moral Philosophy.

In 1864 the "Anne Molson Gold Medal" was founded and endowed by Mrs. John Molson, of Belmont Hall, Montreal, for an Honour Course in Mathematics and Physics.

In the same year the "Shakespeare Gold Medal," for an Honour Course, to comprise and include the works of Shakespeare and the Literature of England from his time to the time of Addison, both inclusive, and such other accessory subjects as the Corporation may from time to time appoint, was founded and endowed by citizens of Montreal, on occasion of the three hundredth anniversary of the birth of Shakespeare.

In the same year the "Logan Gold Medal," for an Honour Course in Geology and Natural Science, was founded and endowed by Sir William Logan, LL.D., F.R.S., F.G.S., etc.

In 1874 a Gold and a Silver Medal were given by His Excellency the Earl of Dufferin, Governor General of Canada, for competition in the Faculty of Arts, and continued till 1878.

In 1875 the "Neil Stuart prize in Hebrew" was endowed by Neil Stuart, Esq., of Vankleek Hill, in the sum of \$340.

In 1880 a Gold and Silver Medal were given by His Excellency the Marquis of Lorne, Governor General of Canada, the former for competition in the Faculty of Arts, the latter for competition in the Faculty of Applied Science; continued till 1883.

In 1883 a Gold, Silver and Bronze Medal were given by R. J. Wicksteed, Esq., M.A., LL.D., for competition in "Physical Culture," by Students in the Graduating Class and 2nd year, who have attended the University Gymnasium. The Gold Medal was continued to 1889 and the Silver and Bronze have been continued to date.

In 1884 a Gold and a Silver Medal were given by His Excellency the Marquis of Lansdowne, Governor General of Canada, the former for competition in the Faculty of Arts, the latter for competition in the Faculty of Applied Science, continued till 1888.

In 1888 a Gold and a Silver Medal were given by His Excellency Lord Stanley, Governor General of Canada, the former for competition in the Faculty of Arts, the latter for competition in the Faculty of Applied Science.

THE "CHARLES G. COSTER MEMORIAL PRIZE" for general proficiency—given annually by Colin H. Livingstone, Esq., B.A., founded in 1889.

In 1894 a Gold and a Silver Medal were given by His Excellency The Earl of Aberdeen, Governor General of Canada, the former for competition in the Faculty of Arts, the latter for competition in the Faculty of Applied Science.

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Andrew Ro  
Robertson  
Sir Joseph  
Mrs. Andre  
Alexander  
Miss Orkne  
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## 8. SUBSCRIPTIONS TO GENERAL ENDOWMENT.

1856.

John Gordon McKenzie, Esq .....	\$2000	Charles Alexander, Esq .....	\$600
Ira Gould, Esq .....	2000	Moses E. David, Esq .....	600
John Frothingham, Esq .....	2000	Wm. Carter, Esq .....	600
John Torrance, Esq .....	2000	Thomas Patton, Esq .....	600
James B. Greenshields, Esq .....	1200	Wm. Workman, Esq .....	600
William Busby Lambe, Esq .....	1200	Hon. Sir A. T. Galt .....	600
Sir George Simpson, Knight .....	1000	Hon. Luther H. Holton .....	600
Henry Thomas, Esq .....	1000	Henry Lyman, Esq .....	600
John Redpath, Esq .....	1000	David Torrance, Esq .....	600
James McDougall, Esq .....	1000	Edwin Atwater, Esq .....	600
James Torrance, Esq .....	1000	Theodore Hart, Esq .....	600
Hon. James Ferrier .....	1000	Wm. Forsyth Grant, Esq .....	600
Harrison Stephens, Esq .....	1000	Robert Campbell, Esq .....	600
Henry Chapman, Esq .....	600	Alfred Savage, Esq .....	600
Honorable Peter McGill .....	600	James Ferrier, jun., Esq .....	600
John James Day, Esq .....	600	William Stephen, Esq .....	600
Thomas Brown Anderson, Esq .....	600	N. S. Whitney, Esq .....	600
Peter Redpath, Esq .....	600	William Dow, Esq .....	600
Thomas M. Taylor, Esq .....	600	William Watson, Esq .....	600
Joseph McKay, Esq .....	600	Edward Major, Esq .....	600
Donald Lorn McDougall, Esq .....	600	Hon. Charles Dewey Day .....	200
Hon. Sir John Rose .....	600	John R. Esdaile, Esq .....	200

1871.

William Molson, Esq .....	\$5000	T. W. Ritchie, Esq .....	\$600
Wm. C. McDonald, Esq .....	5000	Messrs. A. & W. Robertson .....	600
Thomas Workman, Esq .....	5000	Messrs. Sinclair, Jack & Co .....	250
John Frothingham, Esq .....	5000	John Reddy, M.D .....	100
J. H. R. Molson, Esq .....	5000	Wm. Lunn, Esq .....	100
John McLennan, Esq .....	2000	Kenneth Campbell, Esq .....	100
B. Gibb, Esq .....	600	R. A. Ramsay, Esq .....	100
W. Notman, Esq .....	600	Wm. Rose, Esq .....	50

1881-82.

Hugh McLennan, Esq .....	\$5000	O. S. Wood, Esq .....	\$1000
G. A. Drummond, Esq .....	4000	J. S. McLachlan, Esq .....	1000
Geo. Hague, Esq .....	3000	J. B. Greenshields, Esq. (London) .....	1000
M. H. Gault, Esq .....	2000	Warden King, Esq .....	1000
Andrew Robertson, Esq .....	1000	W. B. Cumming, Esq .....	1000
Robertson Campbell, Esq .....	1000	Mrs. Hew Ramsay .....	500
Sir Joseph and Lady Hickson .....	1000	R. A. Ramsay, Esq .....	500
Mrs. Andrew Dow .....	1000	H. H. Wood, Esq .....	500
Alexander Murray, Esq .....	1000	James Burnett, Esq .....	500
Miss Orkney .....	1000	Charles Gibb, Esq .....	500
Hector McKenzie, Esq .....	1000		

1883-84.

Edward Mackay, Esq .....

\$5000

9. SUBSCRIPTIONS FOR CURRENT EXPENSES, 1881-82.

Principal Dawson .....	\$1000	Being .....	\$1600
J. H. R. Molson, Esq .....	1000	Per annum, 5 years, being .....	5000
George Stephen, Esq .....	1000	“ “ .....	5000

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Hon. Donald A. Smith.....	1000	Per annum, 5 years, being.....	5000
David Morrice, Esq.....	200	" " " " .....	1000
Messrs. Gault Brothers & Co.....	200	" " " " .....	1000
Messrs. S. H. & A. S. Ewing.....	200	" " " " .....	1000
Hon. Robert Mackay .....	300	Per annum, 2 years, being.....	600
Jonathan Hodgson, Esq.....	100	" 5 " " .....	500
Geo. M. Kinghorn, Esq.....	100	" 5 " " .....	500
Thomas Craig, Esq.....	100	" 2 " " .....	200
John Rankin, Esq.....	200	Being .....	200
John Duncan, Esq.....	200	" .....	200
Robert Benny, Esq.....	100	" .....	100
Miss E. A. Ramsay .....	100	" .....	100
Hugh Paton, Esq.....	50	For 2 years, being.....	100
George Brush, Esq.....	25	For 5 years, being.....	125
J. M. Douglas, Esq.....	50	Being.....	50
James Court, Esq.....	50	" .....	50
David J. Greenshields, Esq.....	300	" .....	300

1887-88.

John H. R. Molson, Esq.....	\$1000	Per annum, 3 years, being.....	\$3000
W. C. McDonald, Esq.....	1000	" " " " .....	3000
Peter Redpath, Esq.....	1000	" " " " .....	3000
Hon. Sir D. A. Smith, K.C.M.G....	1000	" " " " .....	3000
Hon. James Ferrier.....	500	" " " " .....	1500
Sir Joseph Hickson.....	500	" " " " .....	1500
Hugh McLennan, Esq.....	250	" " " " .....	750
E. B. Greenshields, Esq.....	250	" " " " .....	750
George Hague, Esq.....	250	" " " " .....	750
John Molson, Esq.....	250	" " " " .....	750
Samuel Finley, Esq.....	250	" " " " .....	750
Mrs. Mackay, \$100.00 annually, 1889 to 1893.....			\$500

10. TO PROVIDE SESSIONAL LECTURERS.

Hon. Sir Donald A. Smith, 1891-92.....	\$3500
do 1892-93 .....	4000
do 1893-94.....	4000
Mrs. John H. R. Molson, 1891-92 .....	300
do 1892-93.....	1000
do 1893-94.....	1000

II. ENDOWMENTS AND SUBSCRIPTIONS FOR THE FACULTY OF APPLIED SCIENCE.

1. BUILDINGS, CHAIRS, ETC.

- THE WILLIAM SCOTT CHAIR OF CIVIL ENGINEERING, in 1884, endowed by the last will of the late Miss Barbara Scott, of Montreal,—\$30,000.
- THE DAVID J. GREENSHIELDS CHAIR OF CHEMISTRY AND MINERALOGY in the Faculties of Arts and Applied Science, in 1883, endowed by the last will of the late David J. Greenshields, Esq., of Montreal, with the sum of \$40,000, half of which is devoted to Faculty of Applied Science.
- THE THOMAS WORKMAN DEPARTMENT OF MECHANICAL ENGINEERING—founded under the last will of the late Thomas Workman, Esq., and endowed with the sum of \$117,000. The sum of \$60,000 for the maintenance of a Chair of Me-

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chemical Engineering, with the assistance, shops, machinery and apparatus necessary thereto, \$57,000 to be expended in provision of necessary buildings machinery and apparatus. Any balance of this to be added to the invested endowment for the maintenance of the said Department.

WILLIAM C. McDONALD, Esq., toward erection of Thomas Workman Workshops, \$20,000.

THE WILLIAM C. McDONALD ENGINEERING BUILDING, and Equipment of same—announced by the donor as a gift to the University in 1890, and formally opened February, 1893.

THE WILLIAM C. McDONALD CHAIR OF ELECTRICAL ENGINEERING, endowed by William C. McDonald, Esq., in 1891, with the sum of \$40,000.

MACDONALD ENGINEERING BUILDING Maintenance Fund, endowed by W. C. McDonald, Esq., in 1892, the income to be devoted to paying for Heating, Lighting, Insurance and Salary of Mechanician,—\$45,000.

2. ENDOWMENT FOR PENSION FUND.

This endowment is given to be invested and kept as a Special Fund, the revenue arising from which to be used exclusively for providing Pensions or Retiring Allowances for members of the teaching staff of the Faculties of Arts and Applied Science.

Hon. Sir Donald A. Smith,	\$50,000
John H. R. Molson, Esq.,	50,000
Wm. C. McDonald, Esq.,	50,000

Total \$150,000

3. EXHIBITIONS AND SCHOLARSHIPS.

THE SCOTT EXHIBITION—founded by the Caledonian Society of Montreal, in commemoration of the Centenary of Sir Walter Scott, and endowed in 1872 with the sum of \$1,100, subscribed by members of the Society and other citizens of Montreal. The Exhibition is given annually in the Faculty of Applied Science—Annual value \$60.

THE BURLAND SCHOLARSHIP—founded 1882, by J. H. Burland, B.A.Sc., \$100 for a Scholarship in Applied Science, for three years, being \$300.

HER MAJESTY'S COMMISSION for the Exhibition of 1851—Nomination Scholarships for 1891 and 1893, value £150 annually, each tenable for two years.

4. MEDALS AND PRIZES.

In 1885 the British Association Gold Medal, for competition in the Graduating class in the Faculty of Applied Science, was founded by subscription of members of the British Association for the Advancement of Science, and by gift of the Council of the Association, in commemoration of its meeting in Montreal in the year 1884.

(See also under Medals and Prizes in Section 1.)

5. ENDOWMENTS AND SUBSCRIPTIONS FOR MAINTENANCE OF FACULTY OF APPLIED SCIENCE.

*Endowment Fund.*

Daniel Torrance, Esq.....	\$5000	Graduates' Endowment Fund— Class 1890—\$70.00 a year for 5 years .....	\$350
George Moffatt, Esq.....	1000		
Charles J. Brydges, Esq.....	1000		

Annual Subscriptions 1871-1879.

Hon. James Ferrier (\$100 per annum, for 10 years).....	\$1000	H. McLennan, Esq. (\$100 per annum, for 5 years).....	\$500
Peter Redpath, Esq. (\$400 per annum, for 10 years).....	4000	A. F. Gault, Esq. (\$100 per annum, for 5 years).....	500
John H. R. Molson, Esq. (\$400 per annum, for 10 years).....	4000	Gilbert Scott, Esq. (\$100 for 2 years).....	200
George H. Frothingham, Esq. (\$400 per annum, for 7 years).....	2800	Joseph Hickson, Esq. (\$100 for 2 years).....	200
T. Jas Claxton, Esq. (\$100 per annum, for 6 years).....	600	Principal Dawson (\$300 for 2 years).....	600
Donald Ross, Esq. (\$50 per annum, for 5 years).....	250	His Excellency the Marquis of Lorne.....	500
Miss Mary Frothingham (\$400 per annum, for 3 years).....	1200	Mrs. Redpath (Terrace Bank).....	100

Towards Maintenance of Engineering Department.

W. C. McDonald, Esq.....	\$10,000
do (for advertising).....	675

To provide lectures in Mechanical and Sanitary Engineering.

E. B. Greenshields, Esq.....	\$50	Jeffrey H. Burland, B.A.Sc., \$100 for 2 years.....	\$200
J. E. Bovey, Esq.....	50	Smaller amounts.....	40
Professor H. T. Bovey.....	61		

Chair of Practical Chemistry.

Hon. C. Dunkin, M.P.....	\$1200	P. Redpath, Esq.....	\$226
Principal Dawson.....	1200		

For Maintenance of Chair of Mining Engineering and Metallurgy, 1891.

R. B. Angus, Esq.....	\$2000 00		\$5350 00	\$6200 00
Mrs. Dow.....	1000 00	Dr. T. Brainerd.....	750 00	
Hugh McLennan, Esq.....	1000 00	A. F. Gault, Esq....	750 00	
Miss Benny.....	1000 00	Messrs. H. & A. Allan.....	750 00	
T. A. Dawes, Esq... ..	750 00	Hector McKenzie, Esq.....	750 00	
A. A. Ayer, Esq.....	250 00	Peter Lyall, Esq.....	750 00	
G. W. Reid, Esq.....	100 00	A. Robertson, Esq... ..	300 00	
Evans Bros.....	100 00	John Duncan, Esq....	300 00	
	\$6200 00	Geo. Hague, Esq.....	300 00	
<i>Payable in three years.</i>		Jonathan Hodgson, Esq.....	300 00	
Sir Wm. Dawson.....	1000 00	James Moore, Esq... ..	200 00	
Alex. Stewart, Esq. (London, Eng.) ...	1500 00	Messrs. Ames & Holden.....	150 00	
R. C. Reid, Esq.....	1500 00	Jas. Cooper, Esq....	150 00	
James Ross, Esq.....	600 00			10,800 00
E. K. Greene, Esq... ..	750 00			\$17,000 00
	\$5350 00			
	\$6200 00			

John H. J  
W. C. Mc  
6. LIST  
NEW  
Mrs. J. M.  
R. Hersey  
R. Reford  
Messrs. W  
Messrs. G  
Messrs. Jc  
W. Ogilvi  
J. A. Pill  
James She  
G. W. Rec  
Messrs. A.  
F. Scholes  
Messrs. W  
A. Ewan,  
Mrs. Redp  
E. Chante  
Charles S  
G. Sadler,  
R. Reid, E  
P. Mitchell  
Messrs. Tw  
D. McLare  
J. Roberts  
Kenneth C  
R. G. Reid  
W. Drysd  
A. Macphe  
Swan Lam  
Messrs. E.  
James Ros  
H. R. Ives,  
G. R. Prov  
Jonathan F  
Messrs. Hu  
W. H. Hut  
G. A. Grie  
S. Carsley,  
H. Graham,  
E. W. Ratl  
Messrs. Bro  
W. Abbott,  
Henry Birk  
Kennet Bla

Class Rooms for Faculty of Applied Science 1888.

John H. R. Molson, Esq..... \$3000 | W. C. McDonald, Esq..... \$3000

Surveying and Geodetic Apparatus.

W. C. McDonald, Esq..... 1500

6. LIST OF SUBSCRIBERS AND DONORS TO THE EQUIPMENT OF THE NEW ENGINEERING BUILDINGS OF MCGILL UNIVERSITY, TO MAY, 1894.

Mrs. J. McDougall.....	\$4000	A. Bremner, Esq.....	\$50
R. Hersey, Esq.....	1200	Campbell Tile Co., England, per	
R. Reford, Esq.....	1000	Jordan & Locker.....	Equipment
Messrs. Garth & Co.....	500	F. Chadwick, Esq.....	Truss Models
Messrs. Warden King & Son.....	534	Crosby Steam Valve Co., Boston.	
Messrs. Jordan & Locker.....	Equipment	Indicator & Valves	
W. Ogilvie, Esq.....	\$500	John Date, Esq.....	Equipment
J. A. Pillow, Esq.....	250	D. Drysdale, Esq.....	Tools
James Shearer, Esq.....	200	R. Forsyth, Esq.....	Equipment
G. W. Reed, Esq.....	100	Messrs. Frothingham & Workman.	Tools
Messrs. A. Ramsay & Son.....	100	W. E. Gower, Esq.....	
F. Scholes, Esq.....	100	Messrs. Hearn & Harrison, per L.	
Messrs. W. McNally & Co.....	100	Harrison, Esq.....	Barometer & Clock
A. Ewan, Esq.....	100	A. Holden, Esq.....	Equipment
Mrs. Redpath.....	100	John Kennedy, Esq.....	Equipment
E. Chanteloup, Esq.....	50	J. Laurie & Bro.....	Compound Engine
Charles Sheppard, Esq.....	200	G. Brush, Esq.....	Boiler
G. Sadler, Esq. (Robin & Sadler.)		Messrs. Miller Bros. & Toms.....	Elevator
	Belting (\$400)	Wm. Kennedy, Esq.....	Owen Sound, Pump
R. Reid, Esq.....	Equipment	Messrs. R. & W. Kerr.....	Tools
P. Mitchell, Esq.....	Equipment (\$300)	A. J. Lawson, Esq.....	Equipment
Messrs. Twyford & Co.....	Equipment	Messrs. D. & J. McCarthy, Sorel...	\$300
D. McLaren, Esq.....	\$100	Norton (The) Emery Wheel Co.,	
J. Robertson, Esq.....	Equipment	Worcester, U.S.....	Equipment
Kenneth Campbell, Esq.....	\$50	Wm. Notman, Esq.....	Photographs
R. G. Reid, Esq.....	1000	Radiator Co., Toronto.....	\$500
W. Drysdale, Esq.....	Tools	E. M. Renouf, Esq.....	Books
A. Macpherson, Esq.....	Tools	Scovill Manufacturing Co...	Equipment
Swan Lamp Mfg. Co.....	Lamps	P. W. St. George, Esq.....	Models
Messrs. E. & C. Gurney & Co.....	\$604	Messrs. Tees & Co.....	Equipment
James Ross, Esq.....	500	Messrs. James Walker & Co.....	Tools
H. R. Ives, Esq.....	Cupola	George Bishop, Esq.....	Equipment
G. R. Prowse, Esq.....	Equipment	The Edison General Electric Co..	
Jonathan Hodgson, Esq.....	\$200	Two 450 light dynamos	
Messrs. Hughes & Stephenson		The Whittier Machine Co. (Boston).	
	Equipment	Electric Elevator	
W. H. Hutton, Esq.....		The Thomson-Houston Co. (Bos-	
G. A. Grier, Esq.....	Equipment	ton).....	Incandescent dynamos
S. Carsley, Esq.....	\$100	The Royal Electric Co.....	
H. Graham, Esq.....	100	12 Arc Light dynamos	
E. W. Rathbun, Esq.....	112	W. Rutherford, Esq.....	Equipment
Messrs. Brodie & Harvey.....	50	Messrs. J. Bertram & Sons (Dun-	
W. Abbott, Esq.....	Equipment	das).....	24in. Planer
Henry Birks, Esq.....	Clock	Messrs. R. W. Gardner & Son.....	
Kennet Blackwell, Esq.....	Equipment	16in. Lathe	

Dominion Wire Manfg. Co., per	Peter Nicholson.....	\$100
F. Fairman, Esq.....	Shaper	
The B. F. Sturtevant Co. (Boston).	W. Rodden, Esq.....	Equipment
Blowers	R. Smith, Esq.....	"
The Geo. Blake Pump Co. (New	A. Palmer, Esq.....	"
York and Boston).....	Prof. C. A. Carus-Wilson...	"
Pump	Electric Welding Company	
Ashton Valve Co. (Boston).....	(Boston).....	"
Sectional Valve	Professor Rogers (Water-	
Messrs. Siemens Bros. (London,	ville, Maine).....	"
Eng.).....	Cable Samples	
A. T. Taylor, Esq.....	Messrs. Sharp, Stewart & Co.	
.....	(Manchester, Eng.).....	"
H. T. Bovey, Esq.....	Books	
The National Electric Mfg. Co.....	Messrs. Hadfield (Sheffield) ..	"
Transformers	W. C. McDonald, Esq.....	Experi-
W. C. McDonald, Esq.....	Equipment	mental Pump
M. Parker, Esq.....	Canadian General Electric Co ...	
Messrs. Robb & Armstrong.....	Electric Drill	
80 H. P. High Speed Engine	Canadian General Electric Co.....	
Messrs. Pratt & Whitney (Hart-	Edison Generator	
ford, Conn.), Epicycloidal Gear Model	National Electric Mfg. Co.....	
Messrs. Schaeffer & Budenberg	100-volt. Transformer	
(Brooklyn, N.Y.)... ..	D. Egleston.. ..	Framed Photo-
Double Indicator	graph of the Moon	
J. Costigan, Esq.....	W. C. McDonald, Esq.....	Piano
Equipment	F. Reddaway & Co.....	Belt
H. Archbald, Esq.....	(value \$50.00)	
Books	P. H. Cowper, Esq.. ..	Model of
Herr Brockhaus.....	Insulators	Steam Engine
Books	Messrs. Nalder Bros. & Co. (Eng.).	
John Seeley, Esq.....	Standard Cell	
Insulators	Warrington Wire Co....	Cable Samples
Messrs. Nalder Bros. & Co. (Eng.).	The Pelton Water Wheel Company	
Standard Cell	(New York).....	Two Motors
Warrington Wire Co....	Yale & Towne Manufacturing Co.	
Cable Samples	(Stamford, Conn.).....	Equipment
The Pelton Water Wheel Company	The Crooker-Wheeler Electric Mo-	
(New York).....	tor Co. (New York)...	Motor
Two Motors	American Steam Gauge Company	
Yale & Towne Manufacturing Co.	(Boston).....	Indicator
(Stamford, Conn.).....	Messrs. John Wiley & Sons (New	
Equipment	York) .....	Books
The Crooker-Wheeler Electric Mo-	Messrs. E. J. Maxwell & Co.....	Equipment
tor Co. (New York)...	Dr. Mason.....	"
Motor	Messrs. R. Mitchell & Co.....	"
American Steam Gauge Company	F. L. Wanklyn, Esq.....	"
(Boston).....	F. R. Redpath, Esq.....	"
Indicator	Messrs. Irwin & Hopper .....	"
Messrs. John Wiley & Sons (New	Canadian General Electric	
York) .....	Co. (Toronto), per F. Ni-	
Books	chols, Esq.....	"
Messrs. E. J. Maxwell & Co.....	R. Guilford Smith, Esq. ....	Books
Equipment	Henry Garth, Esq.....	Equipment
Dr. Mason.....	R. Gardner, Esq.....	"
"	H. Paton, Esq.....	"
Messrs. R. Mitchell & Co.....	Messrs. John Lovell & Sons.....	Books
"	Professor Egleston (New York)...	Books
F. L. Wanklyn, Esq.....	S. R. Earle, Esq.....	Air Injector
"	Eureka Tempered Copper Co. ....	Equipment
F. R. Redpath, Esq.....	Alf. Joyce.....	\$50
"	Hon. J. K. Ward.....	50
Messrs. Irwin & Hopper .....		
Canadian General Electric		
Co. (Toronto), per F. Ni-		
chols, Esq.....		
"		
R. Guilford Smith, Esq. ....		
Books		
Henry Garth, Esq.....		
Equipment		
R. Gardner, Esq.....		
"		
H. Paton, Esq.....		
"		
Messrs. John Lovell & Sons.....		
Books		
Professor Egleston (New York)...		
Books		
S. R. Earle, Esq.....		
Air Injector		
Eureka Tempered Copper Co. ....		
Equipment		
Alf. Joyce.....		
\$50		
Hon. J. K. Ward.....		
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The above representing a total value of about \$80,000.

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R. G.  
H. G.  
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Hon. S  
Sir G  
R. B.  
Georg  
Alex.  
Robert  
W. C.  
A frier  
Dunca  
Alex.  
A. F. C  
M. H. C  
G. W.  
James  
R. P. F  
Frank  
G. B. &  
Miss El  
J. C. W  
Mrs. Jo  
Hon. J  
Miss Or  
Hugh M  
Hector  
Thomas  
Hugh M  
O. S. W  
James F  
Andrew  
Robert  
John H  
Alex. U



## 7. FACULTY OF APPLIED SCIENCE LIBRARY ENDOWMENT.

Hugh Paton .....	\$ 25	W. Rodden .....	\$25
A. Joyce .....	25	M. Parker .....	25
R. Gardner .....	50	Robin & Sadler .....	50
H. Garth .....	100	J. Robertson, Esq. ....	50
Hughes & Stephenson.....	100		
R. Mitchell.....	300		\$750

III. ENDOWMENTS AND SUBSCRIPTIONS IN AID OF  
THE FACULTY OF MEDICINE.

## 1. LEANCHOIL ENDOWMENT.

Hon. Sir Donald A. Smith, K.C.M.G. .... \$50,000

## 2. CAMPBELL MEMORIAL ENDOWMENT—\$53,000.

Established to commemorate the service rendered to the Faculty during 40 years by the late Dean George W. Campbell, M.D., LL.D.

Mrs G. W. Campbell.....	\$2000	E. K. & G. A. Greene, Esqrs .....	\$500
H. A. Allan, Esq. ....	1500	R. A. Smith, Esq. ....	500
Hon. Sir D. A. Smith.....	1500	George Hague, Esq. ....	500
Sir George Stephen, Bart .....	1000	J. K. Ward, Esq. ....	500
R. B. Angus, Esq. ....	1000	Warden King, Esq. ....	500
George A. Drummond, Esq. ....	1000	John Stirling, Esq. ....	500
Alex. Murray, Esq. ....	1000	John Rankin, Esq. ....	500
Robert Moat, Esq. ....	1000	Messrs. Cantlie, Ewan & Co. ....	500
W. C. McDonald, Esq. ....	1000	Robert Reford, Esq. ....	500
A friend .....	1000	Messrs. J. & W. Ogilvie .....	500
Duncan McIntyre, Esq. ....	1000	Randolph Hersey, Esq. ....	500
Alex. Buntin, Esq. ....	1000	John A. Pillow, Esq. ....	500
A. F. Gault, Esq. ....	1000	S. Carsley, Esq. ....	500
M. H. Gault, Esq. ....	1000	D. C. MacCallum, M.D. ....	500
G. W. Stephens, Esq. ....	1000	Messrs. McLachlan Bros. ....	500
James Benning, Esq. ....	1000	Messrs. S. Greenshields, Son & Co. ....	500
R. P. Howard, M.D. ....	1000	Jonathan Hodgson, Esq. ....	500
Frank Buller, M.D. ....	1000	Duncan McEachran, Esq., F.R.C.V.S. ....	500
G. B. & J. H. Burland, Esqs. ....	1000	George Ross, M.D. ....	500
Miss Elizabeth C. Benny.....	1000	T. G. Roddick, M.D. ....	500
J. C. Wilson, Esq. ....	1000	Wm. Gardner, M.D. ....	500
Mrs. John Redpath.....	1000	G. P. Girdwood, M.D. ....	500
Hon. John Hamilton .....	1000	G. E. Fenwick, M.D. ....	500
Miss Orkney.....	1000	Alex. Ramsay, Esq. ....	500
Hugh Mackay, Esq. ....	1000	Messrs. Cochrane, Cassils & Co. ....	500
Hector McKenzie, Esq. ....	1000	Sir Joseph Hickson .....	500
Thomas Workman, Esq. ....	1000	Allan Gilmour, Esq. Ottawa. ....	500
Hugh McLennan, Esq. ....	1000	R. W. Shepherd, Esq. ....	500
O. S. Wood, Esq. ....	1000	Miles Williams, Esq. ....	300
James Burnett, Esq. ....	500	Charles F. Smithers, Esq. ....	250
Andrew Robertson, Esq. ....	500	John Kerry, Esq. ....	250
Robert McKay, Esq. ....	500	A. Baumgarten, Esq. ....	250
John Hope, Esq. ....	500	R. W. Elmenhorst, Esq. ....	250
Alex. Urquhart, Esq. ....	500		

W. F. Lewis, Esq.....	250	T. J. Alloway, M.D.....	25
George Armstrong, Esq.....	250	Louis T. Marceau, M.D. (Napier-	25
J. M. Douglas, Esq.....	250	ville, Q.).....	25
Messrs. H. Lyman, Sons & Co.....	250	Griffith Evans, M.D. (Vet. Dept.	25
William Osler, M.D.....	250	Army).....	25
F. J. Shepherd, M.D.....	250	J. J. Farley, M.D. (Belleville).....	25
Benj. Dawson, Esq.....	200	Henry R. Gray, Esq.....	25
R. Wolf, Esq.....	150	J. E. Brouse, M.D. (Prescott) ..	20
James Stuart, M.D.....	150	R. F. Rinfret (Quebec).....	\$20
A. T. Paterson, Esq.....	100	Robt. Howard, M.D. (St Johns)	20
H. W. Thornton, M.D. (New Rich-	100	Drs. J. & D.J. McIntosh (Vank-	20
mond, Q.).....	100	leek Hill).....	20
M. E. David, Esq.....	100	J. H. McBean, M.D.....	15
C. B. Harvey, M.D. (Yale, B.C.).....	100	J. C. Rattray, M.D. (Cobden, O.)	10
D. Cluness, M.D. (Nanaimo, B.C.)	100	E. H. Howard, M.D. (Lachine)	10
W. Kinlock, Esq.....	100	J. W. Oliver, M.D. (Clifton, O.)	10
Hua & Richardson.....	100	D. A. McDougall, M.D.	10
Mrs. Cuthbert (N. Richmond, Q.)	100	(Ottawa, O.).....	10
J. M. Drake, M.D.....	100	A. Poussette, M.D. (Sarnia, O.)	10
Hugh Paton, Esq.....	100	A. Ruttan, M.D. (Napanee, O.)	10
R. T. Godfrey, M.D.....	100	Jas. Gunn, M.D. (Durham, O.)	10
T. A. Rodger, M.D.....	100	J. McDiarmid, M.D. (Hensall,	5
W. A. Dyer, Esq.....	100	O.).....	5
George Wood, M.D. (Faribault,	100	W.J. Derby, M.D. (Rockland, O.)	5
Minn.).....	100	J. Gillies, M.D. (Teeswater, O.)	5
A. A. Browne, M.D.....	100	J. B. Bereson, M.D. (Chatham,	5
George Wilkins, M.D.....	100	N.B.).....	5
R. L. McDonnell, M.D.....	100	L. A. Fortier, M.D. (St David,	5
Joseph Workman, M.D. (Toronto)	50	Q.).....	5
Hon. Sir A. T. Galt.....	50	J. A. Merthur, M.D. (Fort	5
Henry Lunam, B.A., M.D. (Camp-	50	Elgin, O.).....	5
bellton, N.B.).....	50	John Campbell, M.D. (Seaforth,	5
R. J. B. Howard, M.D.....	25	O.).....	5

3. ENDOWED CHAIRS, ETC.

Sir Donald A. Smith Chair of Pathology in the Faculty of Medicine, en-	
dowed in 1893 by the Hon. Sir Donald A. Smith with the sum of....	\$50,000
Sir Donald A. Smith Department of Hygiene in the Faculty of Medicine,	
endowed in 1893 by the Hon. Sir Donald A. Smith with the sum of...	50,000
MRS. MARY DOW BEQUEST—Pequest by the will of the late Mrs. Mary Dow	
for the Faculty of Medicine, 1893, \$10,000, less Government tax of	
10 per cent.....	\$9,000
JOHN H. R. MOLSON DONATION—Donation by J. H. R. Molson, Esq., to the	
Faculty of Medicine of McGill University, \$25,000 for the purchase	
of land, and \$35,000 for additional building and equipment.....	\$60,000
WALTER DRAKE, Esq., for benefit of Chair of Physiology, interest annually	
on \$10,000, session 1891 to 1892-3.....	\$ 500
MRS. JOHN McDUGALL, toward formation of a Dr. Craik Fund.....	\$ 500
JANE F. LEARMONT, bequest do do .....	\$3,000

4. MEDALS AND SCHOLARSHIPS.

In 1865 the "Holmes Gold Medal" was founded by the Faculty of Medicine as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine, to be given to the best student in the graduating class, in Medicine, who should undergo a special examination in all the branches whether Primary or Final.

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In 1878 the "Sutherland Gold Medal" was founded by Mrs. Sutherland of Montreal, in memory of her late husband, Prof. William Sutherland, M.D., for competition in the classes of Theoretical and Practical Chemistry in the Faculty of Medicine, together with creditable standing in the Primary Examinations.  
 THE DAVID MORRICE SCHOLARSHIP—in the subject of Institutes of Medicine, in the Faculty of Medicine—founded in 1861—value \$100. (Terminated in 1883.)

5. LIBRARY, MUSEUM AND APPARATUS.

*For the fittings of the Library and Museum of the Faculty of Medicine, 1872.*

G. W. Campbell, A.M., M.D.....	\$1200	Robert Craik, M.D .....	\$200
W. E. Scott, M.D .....	200	Geo. E. Fenwick, M.D.....	200
Wm. Wright, M.D.....	200	Joseph M. Drake, M.D.....	200
Robert P. Howard, M.D.....	200	George Ross, M.A., M.D .....	50
Duncan C. MacCallum, M.D...	200		

The Professors and Lecturers in the Summer Sessions of the Faculty of Medicine.....	{ Denation to Apparatus Museum, Library, etc., of the Medical Faculty, 1887, \$1,182; 1888, \$1,023. }	2205
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*For Physiological Laboratory of Faculty of Medicine, 1879.*

Dr. Campbell.....	\$100	Dr. Ross .....	\$50
Dr. Howard .....	100	Dr. Roddick .....	50
Dr. Craik.....	100	Dr. Buller.....	50
Dr. MacCallum.....	100	Dr. Gardner.....	50
Dr. Drake.....	100	Dr. Osler .....	50
Dr. Godfrey.....	100		
Dr. McEachran, F.R.C.V.S.....	100		\$950

*Cameron Obstetrical Collections.*

Dr. J. C. Cameron..... \$10,000

6. MISCELLANEOUS.

Anonymous Donor toward Expenses of Pathology for Session 1892-3..... \$500

**IV. ENDOWMENTS AND SUBSCRIPTIONS FOR THE FACULTY OF LAW.**

1. ENDOWED CHAIRS, ETC.

THE GALE CHAIR, in the Faculty of Law, endowed by the late Mrs. Andrew Stuart (née Agnes Logan Gale) of Montreal, in memory of her father, the late Honourable Mr. Justice Gale,—\$25,000; part received, May, 1894.  
 THE WILLIAM C. McDONALD Faculty of Law Endowment, founded by William C. McDonald, Esq. (1890)—\$150,000.

2. MEDAL.

In 1865 the "Elizabeth Torrance Gold Medal" was founded and endowed by John Torrance, Esq., of St. Antoine Hall, Montreal, in memory of the late Mrs. John Torrance, for the best student in the graduating class in Law, and more especially for the highest proficiency in Roman Law.



V. LIBRARY, MUSEUM AND APPARATUS.

I LIBRARY.

1. SPECIAL COLLECTIONS OF BOOKS PRESENTED TO THE LIBRARY.

1. The Peter Redpath Collection of Historical Books, presented by Peter Redpath, Esq., of Montreal, 2676 Volumes, with subsequent additions.
2. The Robson Collection of works in Archaeology and General Literature, presented by Dr. John Robson, of Warrington, England, 3436 Volumes.
3. The Charles Alexander Collection of Classical Works, presented by C. Alexander, Esq., of Montreal, 221 Volumes.
4. Frederick Griffin, Esq., Q. C., Collection of Books, being the whole of his Library, bequeathed by his will, 2695 Volumes.
5. The Hon. Mr. Justice MacKay, Collection of Books, being the whole of his Library, 2007 Volumes.
6. The "T. D. King Shakespeare Collection," presented by the Hon. Sir Donald A. Smith and W. C. McDonald, Esq., of Montreal, being 214 Volumes.

2. SUBSCRIPTIONS, ETC., TO LIBRARY.

John Thorburn, for purchase of Books.....	\$ 90	Hon. Sir Donald A. Smith, for purchase of books from the R. W. Boodle Library.....	\$200
Andrew Drummond, do for Applied Science.....	25	Ottawa Valley Graduates Society, for binding books in the University Library.....	25
Hon. F. W. Torrance, for Endowment of Mental and Moral Philosophy Book Fund.....	1000	Hugh S. McLennan, Library Endowment, a gift from Estate late Hugh S. McLennan to the Library of McGill College, the income to be applied to binding.....	250
Mrs Redpath, for the endowment of the Wm. Wood Redpath Library Fund.....	1000	Peter Redpath, Esq., in aid of the new catalogue of the Library (1892).....	500
A. Friend, by the Hon. F. W. Torrance.....	400	Miss Elizabeth Binmore, M. A., for the purchase of Botanical Books.....	10
The Graduates in Arts and Applied Science of 1885 for purchase of Books.....	31		
Do of 1886.....	28		
The late R. A. Ramsay, Esq., Bequest for purchase of books	1000		
Wm. Molson, Esq., for Endowment of a Library Fund.....	4000		
Andrew Drummond, Esq., to Library Fund of Faculty of Applied Science.....	25		

3. SPECIAL COLLECTIONS PRESENTED TO THE MUSEUM.

1. The Holmes Herbarium, presented by the late Andrew F. Holmes, M.D.
2. The Carpenter Collections of Shells, presented by the late P. P. Carpenter, Ph.D.
3. The Collection of Casts of Ivory Carving, issued by the Arundel Society, presented by Henry Chapman, Esq.
4. The McCulloch Collection of Birds and Mammals, collected by the late Dr. M. McCulloch, of Montreal, and presented by his heirs.
5. The Logan Memorial Collections of Specimens in Geology and Natural History, presented by the heirs of the late Sir W. E. Logan, LL.D., F.R.S.

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6. The Dawson Collection in Geology and Paleontology, being the Private Collections of Principal Dawson, presented by him to the Museum.  
 7. The Bowles Collection of Lepidoptera, presented by W. C. McDonald, Esq., and J. H. Burland, Esq.  
 8. R. Morton Middleton, Jr., London, Eng. Collection of Plants.

(See also "List of Donations to the Library and Museum," printed annually in the Calendar and Report of the Museum.

#### 4. SUBSCRIPTIONS, ETC., FOR THE MUSEUM.

T. J. Claxton, Esq., for purchase of Specimens for Museum .....	\$ 250	A Lady, for Museum Expenses from 1882 to 1894.....	\$7000
Wm. Molson, Esq., for Endowment of a Museum Fund.....	2000	A friend for the purchase of specimens for the Museum.....	1900
Peter Redpath, Esq., for Museum Expenses, \$1000 per annum from 1882 to 1893.....	12,000	John H. R. Molson for purchase of book on "Butterflies of Eastern U.S. and Canada".....	50
Mrs. H. G. Frothingham, for the arrangement of Dr. Carpenter's Collection of Mazatlan shells.	233	Hon. Sir Donald A. Smith, for mounting skin and skeleton of Musk Ox.....	150
Peter Redpath, Esq., for improvements to Museum.....	1000		

#### 5. FOR APPARATUS.

William Molson, Esq., Philosophical Apparatus, 1867 .....	\$ 500	Chas. Gibb, B.A., Donation for Apparatus in Applied Science.	\$50
John H. R. Molson, Esq., for the same .....	500	The Local Committee for the reception (1881) of American Society of Civil Engineers	
Peter Redpath, Esq., for the same.....	500	{ For the purchase of appliances for the department of Civil Engineering in Faculty of Applied Science... }	475
George Moffatt, Esq., for the same.....	250	Capt. Adams, Chemical Apparatus.....	10
Andrew Robertson, Esq., for the same .....	100	J. H. Burland, B.A. Sc., Chemical Apparatus .....	25
John Frothingham, Esq., for the same.....	100	Mrs. Redpath, Storage battery...	400
David Torrance, Esq., for the same.....	100	W. C. McDonald, Esq., fittings of upper Chemical Laboratory.....	2075
A Telescope and Astronomical Instruments, the gift of Chas. T. Blackman, Esq., of Montreal, and called after his name.		The Local Committee of the British Association for the Advancement of Science, to found the British Association Apparatus Fund in the Faculties of Arts and Applied Science, in commemoration of the meeting of the Association in Montreal in 1884 .....	1500
Thos. J. Barron, B.A., for Philosophical Apparatus.....	50	A. J. Lawson, a Dynamo.	
J. H. R. Molson, Esq., Dynamo, Gas Engine and fixtures..	1792	Benjamin Dawson, 3 Microscopes.	
A Lady, for the purchase of Mining Models.....	1000		
Thos. McDougall, Esq., for the same .....	25		
J. Livesey, Esq., through Dr. Harrington, for the same.....	50		
Geo. Stephen, Esq., for the same.	50		

VI. SUBSCRIPTIONS FOR SPECIAL OBJECTS.

1. FOR A BUILDING FOR THE CARPENTER COLLECTION OF SHELLS,

1868.

Peter Redpath, Esq.....	\$ 500	Wm. Dow, Esq.....	\$100
William Molson, Esq.....	500	Thos. Rimmer, Esq.....	100
Harrison Stephen, Esq.....	100	Andrew Robertson, Esq.....	100
Robert J. Reekie, Esq.....	100	Mrs. Redpath.....	100
John H. R. Molson, Esq.....	100	Benaiah Gibb, Esq.....	50
Sir Wm. E. Logan, Esq., F.R.S.	100	Honorable John Rose.....	50
John Molson, Esq.....	100		
Thos. Workman, Esq., M.P.....	100		\$2,200
Geo. H. Frothingham, Esq.....	100		

2. FOR THE ERECTION OF THE LODGE AND GATES.

William Molson, Esq.....	\$100	John Frothingham, Esq.....	\$100
John H. R. Molson, Esq.....	100	James A. Mathewson, Esq.....	100
William Workman, Esq.....	100	Peter Redpath, Esq.....	100
Joseph Tiffin, jun., Esq.....	100	G. H. Frothingham, Esq.....	100
Thos. J. Claxton, Esq.....	100	G. D. Ferrier, Esq.....	100
James Linton, Esq.....	100	Geo. W. Warner, Esq.....	100
William McDougall, Esq.....	100	John Smith, Esq.....	100
Charles J. Brydges, Esq.....	100	Charles Alexander, Esq.....	100
George A. Drummond, Esq.....	100	J. Evans, Esq.....	100
Thomas Rimmer, Esq.....	100	Henry Lyman, Esq.....	100
William Dow, Esq.....	100		

3. FOR THE SUPPORT OF THE CHAIR OF BOTANY, 1883-84.

Principal Dawson.....	\$500	per annum, for 5 years, being...	\$2500
Hon. Sir D. A. Smith.....	250	" " " " .....	1250
J. H. R. Molson.....	100	" " " " .....	500
Mrs. J. H. R. Molson, Esq.....	100	" " " " .....	500
G. Hague, Esq.....	100	" " " " .....	500
Mrs. Redpath.....	100	" " " " .....	500
Hugh McKay, Esq.....	100	" " " " .....	500
Robert Moat, Esq.....	100	" " " " .....	500
W. C. McDonald, Esq.....	100	" " " " .....	500
Charles Gibb, Esq.....	50	" " " " .....	250
Miss Orkney.....	50	" " " " .....	250
Robert McKay, Esq.....	50	" " " " .....	250
Mrs. Molson.....	50	" " " " .....	250
Mrs. John Molson.....	50	" " " " .....	250
John Stirling, Esq.....	50	" " " " .....	250
Warden King, Esq.....	50	" " " " .....	250
Miss Hall.....	50	" " " " .....	250
Robert Angus, Esq.....	50	" " " " .....	250
D. A. P. Watt, Esq.....	50	" " " " .....	250
Hugh McLennan, Esq.....	25	" " " " .....	125
Sir Joseph Hickson.....	10	" " " " .....	50
Mrs. Phillips.....	10	.....	10

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Portrait of Peter Redpath, Esq., painted by Sydney Hodges, presented by Citizens of Montreal.

Portrait of Rev. Dr. Leach, by Wyatt Eaton, presented by Graduates of the University.

Portrait of Sir William Dawson, by Wyatt Eaton, presented by Friends and Graduates of the University.

Portrait of Hon. James Ferrier, by Robert Harris, presented by Friends and Graduates of the University.

Portrait of Dr. William Robertson, founder of the Medical Faculty, presented in loving remembrance by his family and descendants.

10. ENDOWMENT, HELD IN TRUST BY THE BOARD OF ROYAL INSTITUTION.

The "Hannah Willard Lyman Memorial Fund," contributed by subscription of former pupils of Miss Lyman, and invested as a permanent endowment to furnish annually a Scholarship or Prize in a "College for Women" affiliated to the University, or in classes for the Higher Education of Women approved by the University. The amount of the fund is at present \$1,100.

VII. THE GRADUATES' FUNDS.

1. THE FUND FOR ENDOWMENT OF THE LIBRARY.

The Graduates' Society of the University, in 1876, passed the following Resolution:—

*Resolved*:—"That the members and graduates be invited to subscribe to a fund for the endowment of the Libraries of the University; said fund to be invested and the proceeds applied under the supervision of the Council of the Society in annual additions to the Libraries; an equitable division of said proceeds to be made by the Council between the University Library and those of The Professional Faculties."

In terms thereof subscriptions have been paid in to the Graduates' Society, amounting in all to \$3,090, the interest on which is annually expended in the purchase of books for the several libraries under the direction of a special committee appointed for that purpose.

2. THE DAWSON FELLOWSHIP FOUNDATION.

The Graduates' Society of the University, in 1880, and in commemoration of the completion by Dr. Dawson of his twenty-fifth year as Principal, resolved to raise, with the assistance of their friends, a fund towards the Endowment of the Fellowship, under the above name.

Details of the scheme can be had from the Treasurer, J. H. Burland, B.A.Sc. The following subscriptions have been announced to date, May 1st, 1889. They are payable in one sum, in instalments, without interest or with interest till payment of capital, as subscribers have elected.

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*Alphabetically arranged.*

Abbott, H., B.C.L.....	\$ 60	Lyman, H. H., M.A.....	\$ 100-
Archibald, H., B.A.Sc.....	20	Lyman, A. C., M.A., B.C.L.....	50
Bethune, M. E., M.A., B.C.L....	50	McCormick, D., B.C.L.....	100
Carter, C. B., B.C.L.....	100	McGibbon, R. D., B.A., B.C.L....	100
Cruikshank, W. G., B.C.L.....	100	McGoun, A., jun., M.A., B.C.L.	50
Dawson, W. B., M.A., Ma.E....	50	McLennan, J. S., B.A.....	100
Dougall, J. R., M.A.....	250	Ramsay, R. A., M.A., B.C.L....	50
Gibb, C., B.A.....	100	Spencer, J. W., B.A.Sc., Ph.D..	50
Hall, Rev. Wm., M.A.....	100	Stephen, C. H., B.C.L.....	100
Hall, J. S., jun., B.A., B.C.L....	100	Stewart, D. A., B.A.Sc.....	20
Harrington, B. J., B.A., Ph.D..	50	Stewart, J., M.D.....	60
Hutchinson, M., B.C.L.....	400	Tait, M. M., B.C.L.....	100
Kirby, J., LL.D., D.C.L.....	50	Taylor, A. D., B.A., B.C.L.....	100
Krans, Rev. E. H., M.A., LL.D.	100	Trenholme, N. W., M.A., D.C.L.	400
Leet, S. P., B.C.L.....	100		
Lighthall, W. D., M.A., B.C.L.	100	Total to date.....	\$3,010-

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