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 1896-97.

Montreal:

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1896.

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The List of Graduates corrected to June, 1895, and the Examination Papers (price 75 cents) for each Session, are published separately, and may be obtained on application to the Secretary.

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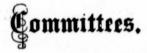
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General Statement.

SESSION OF 1896-97.

The Sixty-fourth Session of the University, being the Forty-fourth under

the amended Charter, will commence in the autumn of 1896.

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 individual 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.

In the Session 1894-5, special regulations were sanctioned by the Corporation, by which the degree of B.A. can be obtained along with the degree in the Faculty of Medicine or of Applied Science in six years. This is effected by avoiding the duplication of courses in the same subjects or in those which give the same educational training, and by a proper adaptation of the time tables. A certificate of Literate in Arts will be given along with the degree in either Faculty to candidates who have completed two years in Arts before entering the Professional Faculty.

entering the Professional Faculty.

The Degree of B.A. can be obtained along with the degree in the Faculty of

Law also in six years.

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 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 nine months each, and leads to the Degree of M.D.,

C.M.

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 eight months each, and leads to the Degrees of B.C.L. and D.C.L.

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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.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada. Principal, Rev. D. H. MACVICAR, D.D., LL.D., 69 McTavish St.

THE DIOCESAN COLLEGE OF MONTREAL. Principal, REV. CANON HENDERSON, M.A., D.D., 201 University 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., 32 Belmont St., Montreal.

V. AFFILIATED HIGH SCHOOLS, ETC.

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

Schools which have prepared successful candidates for A,A, or for matriculation (June, 1896).

High School, Montreal; Girls' High School, Montreal; Montreal Coll. Inst.; Abingdon School, Montreal; St. John the Evangelist School, Montreal; Westmount Academy; Arnprior High School; Aylmer Acad.; Bedford Acad.; Bishop's College School; Bishop Ridley Coll., St. Catharines; Brantford Coll. Inst.; Brockville Coll. Inst.; Coaticook Acad.; Compton Ladies Coll.; Cookshire Acad.; Cowansville Acad.; Danville Acad.; Dunham Ladies Coll.; High School, Fergus, Ont.; Granby Acad.; Haldimand Model School; Hamilton Coll. Inst.; Huntingdon Acad.; Inverness Acad.; Kingston Ladies' Coll.; Knowlton Acad.; Lachute Acad.; New Westminster High School; Ottawa Coll. Inst.; Paspebiac Model School; Pembroke High School; Quebec High School; St. Francis Coll. School; High School, St. Johns, Q.; St. Lambert Model School; Sherbrooke Acad.; Stanstead Wesleyan Coll.; Stratford Coll. Inst.; Sutton Acad.; Sydney Acad.; Three Rivers Acad.; Trinity Coll. School, Port Hope, Ont.; Vancouver High School; Vankleek Hill High School; Victoria High School, St. John, N.B.; Waterloo Acad.; Williamstown High School.

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SEP	TEMBER, 1896.	NOVEMBER, 1896.		
1 Tuesday	Normal School opens.		1	
2 Wednesday	2.01 mar School opens.	1\SUNDAY		
3 Thursday				
4 Friday	Martine of Madical Franks	2 Monday	Meeting of Faculty of App. Sc	
5 Saturday	Meeting of Medical Faculty.	3 Tuesday		
6 SUNDAY 7 Monday	Matriculation in Law and Lec-	4 Wednesday	Meeting of Normal School Com	
7 Monday 8 Tuesday	tures in Law begin.	5 Thursday 6 Friday	Meeting of Faculty of Arts	
9 Wednesday	Meeting of Normal School Com.	7 Saturday	Meeting of Faculty of Arts. Law Examinations	
10 Thursday	Meeting of Estate Committee.		Meeting of Medical Faculty.	
11 Friday	incoming or assure committee.	8 SUNDAY	Meeting of Medical Faculty.	
12 Saturday		9 Monday		
13 SUNDAY 14 Monday		10 Tuesday		
14 Monday	Meeting of Faculty of Arts.	11 Wednesday		
	Register opens for Students		Meeting of Estate Committee.	
. Tuesdan	in Medicine.	13 Friday		
15 Tuesday	Matriculation and Supplemen-	14 Saturday		
	Examinations (Classics), Exhibition and Scholarship Ex-	15 SUNDAY		
	aminations begin.	r6 Monday		
16 Wednesday	Ex'ns contin'd. (Mathematics).	16 Monday 17 Tuesday		
7 Thursday	Ex'ns cont'd. (English, Logic.)	18 Wednesday	.	
,	Chemistry and Philosophy.)	19 Thursday		
τ8 Friday	Examinations continued. (Mo-	20 Friday	Meeting of Faculty of Arts.	
19 Saturday	dern Languages and Natural	21 Saturday		
C SUNDAY	Science.			
	n 1 1			
21 Monday	Exhib. and Sch. Ex'ns con-			
	tinued. Lectures in Arts and	22 SUNDAY		
	App. Sc. begin. Mtgs. Fac. Arts and App. Sc. Summer	as Mondou		
	Essays in Applied Science.	23 Monday 24 Tuesday		
22 Tuesday	Lectures begin for Stud. in Med.	25 Wednesday		
23 Wednesday	Licotatos sognitos stad, marca,	26 Thursday		
24 Thursday	i	27 Friday		
25 Friday	Meeting of Faculty of Arts.	28 Saturday	Meeting of Governors.	
26 Saturday	Meeting of Governors. Matri-	29 SUNDAY		
27 SUNDAY	culation in Vet. Science.			
28 Monday	Total Total Follows	30 Monday	1	
28 Monday 29 Tuesday	Introductory Lecture Faculty of Vet. Science.	30 Monday		
28 Monday 29 Tuesday 30 Wednesday	Introductory Lecture Faculty of Vet. Science.		CEMBER, 1896.	
28 Monday 29 Tuesday 30 Wednesday	of Vet. Science.		CEMBER, 1896.	
28 Monday 29 Tuesday 30 Wednesday	of Vet, Science. TOBER, 1896. Session of Veterinary Faculty	DE	CEMBER, 1896.	
28 Monday 29 Tuesday 30 Wednesday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture	DE0		
28 Monday 29 Tuesday 30 Wednesday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meet-	Tuesday Wednesday	Meeting of Normal Sch. Com.	
Monday Tuesday Wednesday Tursday Trursday Thursday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science.	T Tuesday Wednesday Thursday	Meeting of Normal Sch. Com.	
28 Monday 29 Tuesday 30 Wednesday 1 Thursday 2 Friday 3 Saturday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meet-	Tuesday Wednesday Thursday Friday		
Monday Tuesday Wednesday Thursday Thursday Friday Saturday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday.	Tuesday Wednesday Thursday Friday Sturday Sturday SUNDAY	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty.	
Monday Tuesday Wednesday Thursday Thursday Friday Saturday	of Vet. Science. STOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened,	Tuesday Wednesday Thursday Friday Saturday Sunday Monday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty.	
28 Monday 29 Tuesday 30 Wednesday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862.	Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty.	
Monday Tuesday Wednesday Thursday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Wednesday	of Vet. Science. STOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com.	Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Se	
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Monday Tuesday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Tuesday Wednesday Thursday	of Vet. Science. STOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com.	Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc.	
Monday Tuesday Wednesday Thursday Thursday Friday Saturday SUNDAY Monday Tuesday Wednesday Thursday Friday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee.	Tuesday Wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Wednesday Thursday Thursday Friday Sunday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end.	
Monday Tuesday Wednesday Thursday Thursday Triday Saturday SUNDAY Monday Wednesday Tuesday Wednesday Thursday Thursday SThursday Sthursday Stiday Saturday Tuesday Tuesday Tuesday	of Vet. Science. TOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee.	Tuesday Wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Wednesday Thursday Thursday Thursday Sunday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations.	
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28 Monday 29 Tuesday 30 Wednesday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday	of Vet. Science. STOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts.	Tuesday wednesday Thursday Friday Sunday Tuesday Tuesday Tuesday Tuesday Tuesday Wednesday Tuesday Wednesday Tuesday Wonday Tuesday Tuesday Tuesday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end.	
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28 Monday 29 Tuesday 30 Wednesday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 11 SUNDAY 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 15 Thursday 15 Thursday 16 Friday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Physics Building Committee. University Athletic Sports.	Tuesday Wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Urbriday Sunday Sunday Thursday Friday Sunday Thursday Thursday Thursday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin.	
28 Monday 29 Tuesday 30 Wednesday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Friday 18 Thursday 19 Friday 19 Friday 19 Friday 19 Friday 19 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday	of Vet. Science. STOBER, 1896. Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts.	Tuesday wednesday Thursday Friday Sunday Tuesday Tuesday Tuesday Tuesday Tuesday Sunday Tuesday Wednesday Thursday Thursday Tuesday Thursday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin. Law Examinations	
28 Monday 29 Tuesday 30 Wednesday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Friday 18 Thursday 19 Friday 19 Friday 19 Friday 19 Friday 19 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Physics Building Committee. University Athletic Sports.	Tuesday wednesday Thursday Friday Sunday Tuesday Tuesday Tuesday Tuesday Tuesday Sunday Tuesday Wednesday Thursday Thursday Tuesday Thursday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin.	
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28 Monday 29 Tuesday 30 Wednesday 1 Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 10 Saturday 11 SUNDAY 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 20 Tuesday 20 Tuesday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Physics Building Committee. University Athletic Sports.	Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Stunday 7 Monday 8 Tuesday 9 Wednesday 10 Thursday 11 Friday 12 Saturday 14 Monday 15 Tuesday 16 Wednesday 17 Hursday 18 Friday 19 Saturday 18 Friday 19 Saturday 10 Wednesday 17 Thursday 18 Friday 19 Saturday 20 SUNDAY 21 Monday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin. Law Examinations Meeting of Governors.	
28 Monday 29 Tuesday 30 Wednesday 1 Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Friday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 19 Tuesday 10 Friday 10 Friday 11 SUNDAY 12 Wednesday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 20 Tuesday 21 Wednesday 21 Wednesday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Physics Building Committee. University Athletic Sports.	Tuesday Wednesday Thursday Friday Saturday Wednesday Thursday Tuesday Wednesday Thursday Friday SUNDAY Monday Sunday Triday Thursday Triday Thursday Thursday Thursday Friday Thursday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin. Law Examinations Meeting of Governors.	
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28 Monday 29 Tuesday 30 Wednesday 1 Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 10 Friday 10 Friday 10 Friday 11 SUNDAY 12 Tuesday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 10 Tuesday 11 SUNDAY 19 Monday 10 Friday 10 Friday 11 SUNDAY 12 Sunday 13 Friday 14 Saturday 15 Friday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 19 Monday 10 Friday 10 Friday 10 Friday 11 Friday 12 Thursday 13 Friday 14 Saturday	Session of Veterinary Faculty begins. Introductory Lecture Faculty of Medicine. Meeting of Fac. of App. Science. Meeting of Fac. of App. Science. Meeting of Medical Faculty. Founder's Birthday. The Wm. Molson Hall opened, 1862. Meeting of Normal Sch. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Physics Building Committee. University Athletic Sports. Law Examinations.	Tuesday wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Thursday	Meeting of Normal Sch. Com. Meeting of Faculty of Arts. Meeting of Medical Faculty. Meeting of Faculty of App. Sc. Meeting of Estate Committee. Lectures in Arts and App. Sc. end. Law Examinations. Christmas Ex. in Arts and Applied Science begin. Law Examinations Meeting of Governors. Christmas Vacation begins. Autumn term ends Faculty o	
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JA	NUARY, 1897.		MARCH, 1897.
r Friday Saturday	Meeting of Medical Faculty.	1 Monday	Theses for B.C.L. Meeting of Fac. Ap. Science
		2 Tuesday	
3 SUNDAY	Christmas Vacation ends. Lec- tures in Law begin.	3 Wednesday	No lectures. Meeting of Normal Sch. Com
5 Tuesday	Lectures in Arts, Med. and	4 Thursday	Meeting of Normal Sch. Com
	App. Science resumed.	5 Friday	
	Meetings of Facs, of Arts and	The second second second second	Meeting of Medical Faculty.
6 Wednesday	App. Science. Meeting of Normal Sch. Com.	3 SUNDAY	
7 Thursday	intering of treatment bear county	9 Tuesday	
8 Friday		10 Wednesday	V
9 Saturday		11 Thursday 12 Friday	Meeting of Estate Committee. Meeting of Faculty. of Arts.
P SUNDAY		13 Saturday	Law Examinations.
12 Tuesday		14 SUNDAY	
Wednesday Thursday	Meeting of Estate Committee.	16 Tuesday	Exam's in Med. begin. Meeting of Fac. of Ap. Science.
5 Friday	Meeting of Faculty of Arts.	17 Wednesday	or Pac. of Ap. Science.
6 Saturday		18 Thursday	
17 SUNDAY		19 Friday	Meeting of Faculty of Arts. Re
Tuesday		20 Saturday	ports of Attendance on Lects Law Examinations.
o Wednesday			
Thursday Friday	Physics Building Committee.	21 SUNDAY 22 Monday	
3 Saturday	Meeting of Governors.	23 Tuesday 24 Wednesday	
	intering or covernors.	25 Thursday	
24 SUNDAY Monday	Meeting of Museum and Li-	26 Friday	Conv. for Degrees in Veterinar
6. Tuesday	brary Committees.		Science. Winter term end Faculty of Medicine.
7 Wednesday	Regular Meet'g of Corporation.	27 Saturday	Meeting of Governors.
	Examiners appointed. Annual		
O Thursday	Report to Visitor.	28 SUNDAY 29 Monday	Lects. in Arts and Ap. Sc. end
28 Thursday	Meeting of Fac. of Arts.	30 Tuesday	Meeting of Fac. of App. Sc.
30 Saturday	Theses for M.A. and LL.D.		
31 SUNDAY	to be sent in.	31 Wednesday	
FEI	BRUARY, 1897.	A	PRIL, 1897.
		- Th	G
1 Monday		1 Thursday	Convocation for Degrees in Medicine. Examinations in
	Meeting of Fac. App. Science		
2 Tuesday	Meeting of Fac. App. Science.	2 Friday	Arts begin.
2 Tuesday 3 Wednesday	Meeting of Normal Sch. Com.	2 Friday 3 Saturday	Arts begin. Meeting of Medical Faculty.
2 Tuesday 3 Wednesday 4 Thursday		3 Saturday	Meeting of Medical Faculty.
2 Tuesday 3 Wednesday 4 Thursday	Meeting of Normal Sch. Com.		
 Tuesday Wednesday Thursday Friday Saturday 		3 Saturday 4 SUNDAY 5 Morniay 6 Tuesday 7 Wednesday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY	Meeting of Normal Sch. Com. Law Examinations.	3 Saturday 4 SUNDAY 5 Morniay 6 Tuesday 7 Wednesday 8 Thursday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday	Meeting of Normal Sch. Com. Law Examinations.	3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts.
2 Tuesday 3 Wednusday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday	Meeting of Normal Sch. Com. Law Examinations. Meeting of Medical Faculty.	3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts,	3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts,	3 Saturday 4 MUNIAY 5 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 13 Tuesday 14 Wednesday 15 Thursday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine.
2 Tuesday 3 Wednusday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts,	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Goodfriday.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts,	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Thursday 16 Friday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts,	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 Saturday 19 Saturday 19 Saturday 19 Saturday 19 Saturday 10 Friday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Good Friday. Easter vacation begins.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 17 Wednesday 18 Thursday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee. Meeting of Faculty of Arts. Law Examinations.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Thursday 16 Friday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Goodfriday. Easter vacation begins. Examinations in Law. Easter.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 17 Wednesday 18 Thursday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee. Meeting of Faculty of Arts. Law Examinations.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 Saturday 19 Saturday 19 Monday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Good Friday. Easter vacation begins. Examinations in Law. Easter. Law Examinations.
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2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 18 Thursday 19 Friday 19 Friday 10 Saturday	Meeting of Normal Sch. Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee. Meeting of Faculty of Arts. Law Examinations. Supplemental Exam's in Arts and Applied Science.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 Saturday 19 Saturday 19 Monday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Good Friday. Easter vacation begins. Examinations in Law. Easter. Law Examinations. Easter vacation ends.
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2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 18 Thursday 19 Friday 19 Friday 20 Saturday 21 Monday 22 Monday 23 Tuesday 24 Wednesday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee. Meeting of Faculty of Arts. Law Examinations. Supplemental Exam's in Arts and Applied Science. Law Examinations.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 MUNDAY 13 Tuesday 14 Wednesday 15 Friday 17 Saturday 18 MUNDAY 19 MUNDAY 20 Tuesday 21 Wednesday 22 Thursday 23 Friday 24 Saturday 24 Saturday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Goodifriday. Easter vacation begins. Examinations in Law. Easter. Law Examinations. Easter vacation ends. Law Examinations. Law Examinations. Law Examinations. Physics Building Committee, Meeting of Governors.
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2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 17 Wednesday 18 Thursday 19 Friday 20 Saturday 21 SUNDAY 22 SUNDAY 23 Tuesday 24 Wednesday 25 Thursday 26 Friday 26 Friday	Meeting of Normal Sch. Com. Law Examinations. Meeting of Medical Faculty. Meeting of Estate Committee. Meeting of Faculty of Arts. Law Examinations. Supplemental Exam's in Arts and Applied Science. Law Examinations.	3 Saturday 4 MINDAY 5 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 13 Tuesday 14 Wednesday 15 Friday 17 Saturday 18 SUNDAY 19 Monday 20 Tuesday 21 Wednesday 22 Thursday 23 Friday 24 Saturday 25 SUNDAY 26 Monday 27 Tuesday 27 Tuesday 27 Tuesday 27 Tuesday 27 Tuesday	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Good Friday. Easter vacation begins. Examinations in Law. Easter. Law Examinations. Easter vacation ends. Law Examinations. Law Examinations. Physics Building Committee, Meeting of Governors. Meeting of Museum and Library Committees.
2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 17 Wednesday	Meeting of Normal Sch, Com. Law Examinations. Meeting of Medical Faculty, Meeting of Estate Committee, Meeting of Faculty of Arts. Law Examinations. Supplemental Exam's in Arts and Applied Science. Law Examinations.	3 Saturday 4 MUNDAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 13 Tuesday 14 Wednesday 15 Friday 17 Saturday 18 SUNDAY 20 Tuesday 21 Wednesday 22 Thursday 23 Friday 24 Saturday 25 SUNDAY 26 SUNDAY	Meeting of Medical Faculty. Examinations in Science. Meeting of Normal Sc. Com. Meeting of Estate Committee. Meeting of Faculty of Arts. Examinations in Law. Spring term begins Faculty of Medicine. Goodi Friday. Easter vacation begins. Examinations in Law. Easter. Law Examinations. Easter vacation ends. Law Examinations. Law Examinations. Physics Building Committee, Meeting of Governors. Meeting of Museum and Li

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28 Monda 29 Tuesda 30 Wedne

MAY, 1897. JULY, 1897. Meeting of Examiners for Sch. Examinations, Examinations in Normal School begin. Meeting of Medical Faculty. 1 Saturday Thursday Friday Science. 3 Saturday Meeting of Medical Faculty. 2 SUNDAY 4 SUNDAY ich. Com. Monday Monday Tuesday Wednesday Tuesday Wednesday Thursday Meeting of Normal Sch. Com. 'aculty. Thursday 7 Friday 8 Saturday 9 Friday 10 Saturday 9 SUNDAY 11 SUNDAY nmittee. 10 Monday 12 Monday f Arts. 11 Tuesday 12 Wednesday Tuesday Wednesday Thursday 13 13 Thursday Meeting of Estate Committee. 15 Meeting 14 Friday Friday 15 Saturday 17 Saturday 16 SUNDAY 18 SUNDAY rts. Re-Monday Tuesday 19 Monday 20 Tuesday on Lects. 19 Wednesday 20 Thursday 21 Wednesday 22 Thursday 21 Friday 23 Friday 22 Saturday 24 Saturday 23 SUNDAY 25 SUNDAY eterinary 24 Monday Queen's Birthday. 26 Monday rm ends Tuesday Wednesday 25 Tuesday Wednesday Normal Sch. closes for Summer Vacation. 29 Thursday 27 Thursday 28 Friday Friday Sc. end. Lectures end Fac. of Medicine. 31 Saturday pp. Sc. Meeting of Governors. 29 Saturday 30 SUNDAY **AUGUST, 1897.** JUNE, 1897. 1 SUNDAY 1 Tuesday Examinations begin Faculty of Medicine. Examinations 2 Monday tions in for Matriculation and Asso-Tuesday Wednesday ciate in Arts begin. culty. Thursday Friday Saturday Wednesday Meeting of Normal Sch. Com. 3 Thursday 4 Friday 5 Saturday Com. SUNDAY Meeting of Medical Faculty. mittee. 9 Monday 10 Tuesday rts. 6 SUNDAY Whit Sunday. Monday Tuesday Wednesday Thursday 11 Wednesday 12 Thursday culty of Meeting of Estate Committee. 13 Friday Physics Building Committee. 11 Friday 12 Saturday Peter Redpath Museum opened 14 Saturday Trinity Sunday. 13 SUNDAY 15 SUNDAY Luesday 15 Tuesday 16 Wednesday 16 Monday 17 Tuesday 18 Wednesday Thursday 19 Thursday 20 Friday 17 Thursd 18 Friday Spring Term ends Faculty of Medicine. 21 Saturday 19 Saturday 22 SUNDAY 20 SUNDAY 21 Monday 22 Tuesday 23 Wednesday 24 Thursday 23 Monday 24 Tuesday 25 Wednesday 26 Thursday littee, Meeting of Museum and Library Committees. Regular Meeting of Corporat'n. Report of Normal School. 27 Friday 28 Saturday and Li-25 Friday 26 Saturday Friday Meeting of Governors. 29 SUNDAY 287 MUMBAY oration. 30 Monday 31 Tuesday Tuesday Wednesday in Arts

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FACULTY OF ARTS.

EXHIBITION, SCHOLARSHIP, &c., EXAMINATIONS, SEPTEMBER, 1896.

DAY.	DATE	FIRST YEAR	SECOND YEAR.	THIRD YEAR.	Hour
Tuesday	15	Greek.	Greek.	Greek.	9 to 12
"	15	Latin.	Latin.	Latin Prose Comp.	2 to 5
"	15	1. 1.		Mathematics.	9 to 1
Wednesday.	16	Mathematics.	Mathematics.	Latin.	9 to 1
"	16			Mathematics.	9 to 1
"	16			Botany.	9 to 1
	16	Mathematics.	Mathematics.	Ancient History.	2 to 5
**	16			Botany.	2 to 5
Thursday.	17	English.	English.	English.	y to 1
"	17		•	Logic.	9 to 1
"	17	English.		English.	2 to 5
. "	17		Chemistry.	Chemistry.	2 to 5
Friday.	18			Mathematics.	g to 1
"	18			Botany.	9 to 1
"	18	zerteka popisantiyatetiga	French.	French.	9 to 1
"	18	Grammar and Comp. (Classics.)	General Paper. (Classics.)	English Composition	2 to 5
Monday.	21	German. (Donalda Dt.)	Mathematics.	Mathematics.	9 to 1
		(Donaida Dt.)	English.	German. (Donalda.)	2 to 5

CHRISTMAS EXAMINATIONS, DECEMBER, 1896.

DAY.	DATE	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
Monday.	14	Latin.	Latin.	Mechanics.	Astronomy.
	14		M'matics, P.M.		
Tuesday.	15	Greek.		Greek.	Greek.
"	15			Zoology, P.M.	Latin, P.M.
Wednesday.	16	Mathematics.	Psychology.	Latin.	Moral Philosophy
"	16	French, P.M.	French, P.M.	Ment. Phil., P.M.	Geology, P.M.
Thursday.	17	Chemistry.	Botany.		
"	17	German, P.M.	German, P.M.		
"	17	Hebrew, P.M.	Hebrew, P.M.		
Friday.	18	English.			4 4 5

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APRIL.

1 Thur

2 Fri.

3 Sat. 5 Mon.

6 Tues.

7 Wed. 8 Thurs

9 Fri.

10 Sat.

12 Mon.

13 Tues.

14 Wed.

15 Thurs.

16 Fri.

17 Sat.

18 Sun.

19 Mon.

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20 Tues.

21 Wed.

22 Thurs.

23 Fri.

24 Sat.

25 Sun.

26 Mon.

27 Tues.

28 Wed.

29 Thurs.

30 Fri.

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FACULTY OF ARTS.

SESSIONAL AND HONOUR EXAMINATIONS, APRIL, 1897

DATE.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
APRIL.	A.M. P.M.	A.M. P.M.	A.M. P.M.	A.M. P.M.
r Thurs.	Hebrew	Hebrew.Mod.History	Hebrew	Hebrew and
2 Fri.	Greek	Greek	Mechanics	B.A. Honours. Ethics. Ethics.
3 Sat.		A		
5 Mon.	Latin Anc. History	LatinComposition.	Latin	Latin. Latin.
6 Tues.	· · · · · · · · · · · · · · · · · · ·			
7 Wed.	EnglishEnglish			Ex. Phy- History.
8 Thurs.			Botany	sics. Botany.
9 Fri.	Geometry and Arithmetic	Mathematics	Greek	Mechanics and B.A. Honours.
ro Sat.				•••••
Mon.		Mathematics French. German.		Astr'y. and Optics. B.A. Honours. Geology. Geology
Wed.		Logic		Greek. History.
Thurs.		Botany		French. German. B.A. Honours.
6 Fri.	Good Friday. Easter	vacation begins		D.A. Honours.
17 Sat.				
18 Sun.	Easter Day			
19 Mon.				
20 Tues.	Easter vacation ends			
zı Wed.	Honour Examinations	Honour Examinations	Honour Exam'tions	B.A. Honours.
22 Thurs.	Meeting of Meeting of	Examiners and Facul Examiners and Facul	ty at 9.30 A. M.	
23 Fri.	Honour Examinations	Honour Examinations	Honour Exam'tions	B. A. Honours.
24 Sat.	Meeting of Examin	ers and Faculty at	9.30 A.M.	
25 Sun.				
26 Mon.	Meeting of Examiner	s and Faculty at 9.30	A.M. Declaration	of results.
27 Tues.				
28 Wed.	Regular Meeting of (orpora on		
29 Thurs.				
30 Fri.	Convocation for Deg	rees in Arts.		

The Examinations begin at 9 A.M. and 2 P.M. when not specified otherwise.

FACULTY OF APPLIED SCIENCE.

SESSIONAL EXAMINATIONS, APRIL, 1897.

DAYS.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
April. 1 Thurs.				
2 Fri.	·			
3 Sat.				
4 Sun				
5 Mon.	Geom. Drawing.	Desc. Geometry	Theory of Structures	Theory of Struct.
6 Tues	Mathematics.	Chemistry	Chemistry.	Assaying. Dyn. of Machin'y
7 Wed.	English.	Exp. Physics.	Machine Design. Exp. Physics.	Mechl. Eng. Geodesy.
8 Thurs.	Math. Lab.	Surveying.	Surveying.	Theory of Struct. Geology (Adv.).
9 Fri.	Desc. Geometry.	Chemistry.	Theory of Structures	Theory of Struct.
10 Sat.	Pract. Chem. (1)	Kinematics.	Desc. Geom.	Chemistry. Mechl. Engin. Lab.
ıı Sun.	,	The state of the s		and and and and
12 Mon.	Mathematics.	Mathematics.	Elect. Engin. Org. Chemistry	Elect. Engin. Org. Chemistry. Hydraulics.
13 Tues.	French a.m.	French a.m.	Geology.	Hydraulics.
14 Wed.	Pract. Chem. (2)	Zoology a.m.	Dyn. of Mach.	Machine Design.
15 Thurs.	Chemistry.	Botany a.m. Mechl. Drawing.	Mechl. Drawing. a.m. Phys. Lab. Wk.	Phys. Lab. Wk. p.n
16 Fri.	Good Friday.		p.m.	
17 Sat.	Pract. Chem. (3)		Mathematics.	Thermodynamics.
18 Sun.	Easter Tay.			
19 Mon.	Mathematics.	Mathematics.	Railway Engin.	Metallurgy. Railway Engin.
20 Tues.			Mathematics.	Municipal Engin.
21 Wed.			. Mineralogy (Adv.).	
22 Thurs.				
23 Fri.			Mineralogy (Adv.).	
24 Sat.				
25 Sun.				
26 Mon.				
27 Tues.				
28 Wed.				
29 Thurs.				
30 Fri.	Convocation.;	l		

N.B.—The Examinations begin at 9.00 a.m., and 2.00 p.m. when not specified otherwise.

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FACULTY OF ARTS.

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J. P. A. TA

Faculty of Arts.

Vart First.

SIR J. W. DAWSON, LL.D., Emeritus Principal, and Emeritus Professor in the Faculty of Arts.

I. OFFICERS OF INSTRUCTION.

PROFESSORS.

WM. PETERSON, M. A., LL.D., Principal, and Professor of Classics.

ALEXANDER JOHNSON, M.A., LL.D., D.C.L., Vice-Principal, Dean of the Faculty of Arts, and Professor of Mathematics.

REV. J. CLARK MURRAY, LL.D., Professor of Mental and Moral Philosophy. BERNARD J. HARRINGTON, M.A., Ph.D., Professor of Chemistry and Mineralogy.

CHARLES E. MOYSE, B.A., Professor of the English Language and Literature. D. P. PENHALLOW, B.Sc., M.A.Sc., Professor of Botany.

REV. DANIEL COUSSIRAT, B.A., D.D., O.A., Professor of Hebrew and Oriental Literature.

JOHN COX, M.A., Professor of Physics.

A. Judson Eaton, M.A., Ph.D., Associate Professor of Classics.

FRANK D. ADAMS, M.A.Sc., Ph.D., Professor of Geology and Palæontology.

HUGH L. CALLENDAR, M.A., Professor of Physics.

C. W. COLBY, M.A., Ph.D., Professor of History.

LECTURERS.

PAUL T. LAFLEUR, M.A., Lecturer in Logic and English.

LEIGH R. GREGOR, B.A., Lecturer in the German Language and Literature.

W. E. DEEKS, B.A., M.D., Lecturer in Zoology.

MAXIME INGRES, Lecturer in French.

(The above Professors and Lecturers constitute the Faculty.)

OTHER OFFICERS OF INSTRUCTION.

C. H. McLEOD, Ma. E., Professor of Surveying and Geology.

NEVIL NORTON EVANS, M.A.Sc., Lecturer in Chemistry.

..... Lecturer in Classics.

REV. H. M. Tory, M.A., Lecturer in Mathematics, and Demonstrator in Physics.

REV. J. L. MORIN, M.A., Sessional Lecturer in French.

C. M. DERICK, M.A., Demonstrator in Botany.

F. H. PITCHER, B.A. Sc., Demonstrator in Physics.

ALEX. BRODIE, B.A.Sc., Demonstrator in Chemistry.

HOWARD T. BARNES, M.A.Sc., Demonstrator in Physics.

J. P. STEPHEN, Instructor in Elocution.

A. TAIT MACKENZIE, B.A., M.D., Instructor in Physical Culture.

II. COURSES OF LECTURES.

Classical Literature and History.

Professor:—W. Peterson, M.A., LL. D. Associate Professor:—A. J. Eaton, M.A., Ph.D.

Lecturer :--

In this department, the work of the first two years is divided mainly between exercise in Grammar and Composition and the reading of selected authors. The attention of the student is at the same time directed to the collateral subjects of History, Literature, Antiquities, and Geography, in connection with which various text-books are recommended, as specified below.**

In the Third and Fourth Years (as also in the Honour Courses) the instruction takes more of the lecture form, and an attempt is made to give a connected view of the leading branches of ancient literature and the most important phases of ancient life and thought.

Greek.

Ordinary.

First Year.

1. In this class, besides a review of grammat Greek Grammar, Accidence: Parallel Grammar authors—e.g., Xenophon, Homer, Herodotus, Land explained.

portions of some Greek and Euripides—are read

For 1893-97 the work will be Farnell's Tales non Herodotus (Macmillan's Elementary Classics): Homer, Iliad, Book XXIV (Leaf and Bayfield: Macmillan): and Sidgwick's Scenes from the Hecuba of Euripides (Longmans).

For Composition, the manual used will be Sidgwick's First Greek Writer (Longmans); for Translation at Sight, written and oral, Jerram's Anglice Reddenda, First Series (Clarendon Press).

SUMMER READINGS.—XENOPHON, Easy Selections (Phillpotts and Jerram: Clarendon Press). *History*—from B.C. 560 to 479, Cox's Greeks and Persians (Longmans' Epoch Series). *Literature*—the Outlines of the Homeric Controversy (Jebb's Introduction to Homer: Maclehose) and the Lyric Poets.

Second Year.

2. The work of the Second Year will be selected from the Greek Dramatists, and from Thucydides, Plato or Demostheres.

Subjects for 1896-97—THUCYDIDES (Moore's Easy Selections, Longmans), and Sophocles, Ajax (Campbell & Abbott, Clarendon Press: or Jebb). The practice of Composition and Translation at Sight will be continued as before.

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6. In the gramme of Selections Selections,

^{*}It is intended to make additional appointments in the Classical Department in order to overtake the programme of work here laid down.

^{**}Summer Readings will also be suggested in the various branches of class-work; and it is hoped that these, though voluntary and not prescribed as part of the regular curriculum, will be undertaken by all stadents in the department during their long vacation, except by those who take the special work prescribed for Exhibitions.

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SUMMER READINGS.—PLATO, Apology (Adam, Cambridge Press.) History—From the Fall of Athens to the Battle of Chaeronea (Sankey's Spartan and Theban Supremacies, Longmans). Literature.—The Origin and Growth of the Drama, the Historians and Orators.

The following books are recommended for general use during the first two years of the course:—Jebb's Primer of Greek Literature (Macmillan), supplemented by readings in Jevons or Mahaffy; Oman's History of Greece (Percival); Mahaffy's Primer of Greek Antiquities; and Tozer's Primer of Classical Geography (Macmillan).

Students should provide themselves also with Kiepert's Atlas Antiquus.

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3. Subjects for 1896-97:—ISOCRATES, Panegyricus (Sandys, Rivingtons). Aristophanes, Plutus (Green, Cambridge Press). Selected extracts will be prescribed for Composition; for Translation at Sight the manual will be Fox & Bromley's Models and Exercises (Clarendon Press).

Third Year.

SUMMER READINGS.—Pratt and Leaf's Homer (The Story of Achilles: Macmillan's Classical Series).

4. Subjects for 1896-7. PLUTARCH, Life of Demosthenes (Holden, Macmillan); ÆSCHYLUS, Persae (Pickard, Macmillan). Composition and Translation at Sight as in the Third Year.

Fourth Year.

The following books are recommended for general use: Gow's Companion to School Classics (Macmillan); Jebb's Growth and Influence of Classical Greek Poetry (Macmillan); Campbell's Guide to Greek Tragedy (Percival); Butcher's Demosthenes (Classical Writers Series); Abbott's Pericles (Putnam); Jevons' or Mahaffy's History of Greek Literature; Kiepert's Manual of Ancient Geography (Macmillan).

Honours.

5. The books selected for class reading during session 1896-97 are the following:—Homer, Odyssey I and VI (Merry: Clarendon Press); Thuckelbes, Book VIII (Tucker, Macmillan); Æschylus, Prometheus (Pickard, Clarendon Press); Euripides, Alcestis (Earle, Macmillan); Plato, Gorgias (Thompson, Bell).

Third Year.

For practice in Composition, written and oral, the manual used will be Sidgwick's Introduction to Greek Prose Composition; for Translation at Sight, Fox & Bromley's Models and Exercises (Clarendon Press). In History the examination will be directed to testing a general knowledge of the course of Greek History to the death of Alexander, and a more minute knowledge of the development of the Athenian Constitution and the period of Athenian Supremacy. In Literature, a general knowledge will be expected of the course of Greek literature, and a more minute knowledge of the lives and writings of the authors prescribed.

6. In this class students will be expected to overtake a comprehensive programme of reading, such as the following, in whole or in part:—Homer, Iliad, Selections fron Books I-VI* (Leaf and Bayfield, Macmillan); Lyric Poets (Tyler's Selections, Ginn & Co., or Hiller's Anthologia Lyrica, Teubner); Pindar

Fourth Year.

[·] An asterisk is affixed to the books which will be left to the student's private reading, with help and direction from the Professor.

(Seymour's Selected Odes, Ginn & Co.); Herodotus VII (Butler, Macmillan); Thucydides, Book I (Forbes, Clarendon Press); Æschylus, Agamemnon (Sidgwick, Clarendon Press); Sopholes, Antigone and Philoctetes * (Jebb, Cambridge Press); Aristophanes, Frogs (Merry, Clarendon Press); Plato, (Purves's Selections, Clarendon Press); Attic Orators, (Jebb's Selections, Macmillan); Aristotle, Poetics *, omitting XX and XXV (Butcher, Macmillan); Ethics I, II and X (Bywater, Oxford); Demostheres, De Corona * (Drake, Macmillan).

Translation at Sight.—Fox & Bromley's Models and Exercises (Clarendon Press).

Prose Composition.—Sidgwick, and from Dictation.

History and Literature.—Readings from Grote, Curtius, Mahaffy, Symonds: Jebb's Growth and Influence of Classical Greek Poetry: Leaf's Companion to the Iliad: Butcher's Aspects of the Greek Genius: Mahaffy's Social Life in Greece.

Grammar and Philology.—Goodwin's Greek Moods and Tenses, and Giles' Short Manual of Philology (Macmillan).

Ordinary

First Year.

Latin.

1. In this class, besides a general review of grammatical principles (Sonnenschein's Latin Grammar—Accidence: Parallel Grammar Series)—portions of some Latin author such as OVID, TIBULLUS, LIVY, SALLUST, VIRGIL, HORACE OF CICERO—are read and explained.

For 1896-97 the subjects will be Ovid, Heroides I, II, III, V, VII, XI, XII (Shuckburgh, Macmillan); Sallust, Jugurtha (Coleridge, abridged edition: Macmillan's Elementary Classics), and Virgil's Eclogues (Sidgwick, Cambridge Press).

For practice in *Composition*, both written and oral, the text-book in use during the first two years will be Ramsay's Manual of Latin Prose Composition Voi. I (Clarendon Press); and for *Translation at Sight*, Jerram's Anglice Reddenda First Series (Clarendon Press).

SUMMER READINGS,—CICERO, Pro Cluentio (Fausset, Longmans). History.—Strachan-Davidson's Cicero and Warde-Fowler's Caesar (Putnam); Beesly's The Gracchi, Marius and Sulla (Longmans' Epoch Series).

Second Year.

2. For 1896-97 the subjects will be CICERO, Second Philippic (Peskett, Cambridge Press); VIRGIL, Book IX (Haigh, Clarendon Press); HORACE (Wickham's Selected Odes, Clarendon Press). Composition and Translation at Sight as in the First Year.

SUMMER READINGS.—LIVY, Selections from Books XXI and XXII (Capes, Mac-millan.) *History*.—Arnold's Second Punic War. *Literature*.—Mackail's Primer of Roman Literature.

The following books are recommended for general use during the first two years of the course: Shuckburgh's Bistory of Rome (Macmillan); Wilkins' or Mackail's Primer of Roman Literature; Wilkins' Primer of Roman Antiquities: Gildersleeve's Latin Grammar, Allen & Greenough's, or Roby's.

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^{*} An asterisk is affixed to the books which will be left to the student's private reading, with help and direction from the Professor.

Students should provide themselves also with Kiepert's Atlas Antiquus.

3. Subjects for 1896-97: TACITUS, Agricola (Church and Brodribb, Macmillan); CATULLUS, TIBULLUS, and PROPERTIUS—Selections: HORACE, Selected Satires and Epistles (Macmillan). Selected extracts will be prescribed for Composition; for Translation at Sight the text-book will be Fox & Bromley's Models and Exercises (Clarendon Press).

Third Year.

SUMMER READINGS: VIRGIL, Aeneid, I-IV (Page, Macmillan: or Sidgwick, Cambridge Press).

4. Subjects for 1896-7. TACITUS, Histories, Book I (Godley, Macmillan); JUVENAL Selected Satires (Hardy, Macmillan) or some equivalent. Composition and Translation at Sight as in the Third Year.

Fourth Year.

Note.—The following books are recommended for general use: Gow's Companion to School Classics (Macmillan); Mackail's Latin Literature (Murray); Pelham's Outlines of Roman History (Percival) Capes's Early Roman Empire (Longmans Epoch Series); Inge's Roman Society in the First Century, A.D. Kieperts' Manual of Ancient Geography (Macmillan).

Honours.

5. The books selected for class reading during session 1896-97 are the following: Cicero, Pro Milone (Reid, Cambridge Press); Lucretius (Selections: Dymes, Rivingtons); Tacitus, Annals, Book I (Furneaux, Clarendon Press); Virgil Aeneid, Book XII (Sidgwick, Cambridge Press); Horace, Epistles, Book I (Wilkins, Macmillan); Martial (Selections: Stephenson, Macmillan).

Third Year.

For practice in Composition, written and oral, the manual used will be Nixon's Selections from Prose Extracts (Macmillan); for Translation at Sight, Fox & Bromley's Models and Exercises. Students are recommended also to provide themselves with Meissner's Latin Phrase-Book (tr. by Auden, Macmillan.) In History the examination will be directed to testing a general knowledge of the course of Roman History to the end of the First Century A.D., and a more minute knowledge of the period from B.C. 146 to the Death of Augustus. In Literature, a general knowledge will be expected of the course of Roman Literature, and a more minute knowledge of the lives and writings of the authors prescribed.

6. In this class, students will be expected to overtake a comprehensive programme of reading, such as the following, in whole or in part:—Terence, Phormio (Sloman, Clarendon Press, Macmillan); Plautus, Captivi * (Hallidie, Macmillan); Catullus (Merrill, Ginn & Co.); Cicero, de Oratore, Book I * (Wilkins, Macmillan); in Verrem II (Teubner text); Letters (Tyrrell, Macmillan); Horace, Odes III and IV * (Page, Macmillan); Virgil, Aeneid II-V * (Sidgwick, Clarendon Press); Tacitus, Annais XIV-XVI (Furneaux, Clarendon Press); Dialogus de Oratoribus (Bennett, Ginn & Co.); Propertius, IV (Postgate, Macmillan); Quintilian X * (Peterson, Clarendon Press—smaller edition).

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Translation at Sight—Fox & Bromley's Models and Exercises (Clarendon Press). Prose Composition.—Nixon's Prose Extracts: and Selected Passages.

History and Literature.—Readings from Mommsen, Merivale, Sellar, Teuffel Schwabe (translated by Warr): Tyrrell's Latin Poetry.

Grammar and Philology.—Lindsay's Short Historical Latin G ammar, (Clarendon Press) and Giles Short Manual of Philology (Macmillan).

English Language and Literature.

Ordinary

Professor:—Chas. E. Moyse, B.A. Lecturer in Rhetoric:—P. T. Lafleur, M.A.

First Year. 1. The course will present an outline of English Literature from the Anglo-Saxon Period to the present day, and will be illustrated by printed syllabuses and lantern slides. The general subject will be divided into four periods (Pre-Chaucerian, Italian, French, Popular), and be approached for the most part through literary types. Students are recommended to use Morley's Charts of English Literature and Nichol's Tables of European History, Literature and Art (Maclehose). Two hours a week.

Third Year.

2. A course on MIDDLE ENGLISH. CHAUCER, Prologue to the Canterbury Tales (Morris and Skeat, Clarendon Press) will be read in class, and used to illustrate the leading features of the development of the English Language. The life and thought of Chaucer's day will be touched on, and the social aspects of England illustrated by lantern slides. (To be taken with 3.) One hour a week.

Third Year 3. A course on Rhetoric. Text-Book: Genung, Rhetoric. (To be taken with 2.) One hour a week.

Fourth Year. 4. A course on the leading poets of the Nineteenth Century. The chief aspects of the French Revolution will be considered, and Republican feeling in England illustrated, chiefly from the works of Wordsworth, Coleridge and Southey. The indirect revolutionary poets Byron and Shelley will then be considered, and their typical poems, together with those of the poets already mentioned, critically examined. The remainder of the course will be given to Scott, Keats, Tennyson, Browning and Swinburne. One hour a week.

Private reading will also be required of the student, and the time to be given to this part of the subject may be regarded as equivalent to that required to obtain a good knowledge of the matter of the lectures.

Honours.

Fourth Year. 5. Mœso-Gothic. The course on Mœso-Gothic is intended to open the way to the comparative study of allied Teutonic languages. Particular attention will be given to the phonological relations of Mœso-Gothic and Anglo-Saxon. Text book: The Gospel of St. Mark (Skeat, Clarendon Press). One hour a week.

Third Year. 6. Anglo-Saxon. An elementary course on Anglo-Saxon. The object of the course is to make the student familiar with the grammar of the language and to enable him to read easy passages at sight. Leading features of Teutonic philo-

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and a compa outline of the Idylls of the logy will be noticed when the text calls for them. Exercises in Anglo-Saxon scansion will form a part of the regular work of the class. *Text-books*. Sweet, Anglo-Saxon Primer and Anglo-Saxon Reader, Extt. IV, VIII, and the pieces in verse. Two hours a week.

7. Anglo-Saxon. Béowulf. The text will be read in class and illustrated by notes on origins, philology, and verbal emendations. *Text-book*: Harrison and Sharp (Ginn.) One hour a week.

Fourth Year.

8. Early and Middle English. The course is intended to give a knowledge of dialectal English, and to illustrate the changes which the language has undergone. Text-books: Morris and Skeat's Specimens, Part II, Extt. I-IX. Chaucer, Parlement of Foules. (Skeat, Minor poems of Chaucer, Clarendon Press.) One hour a week. Third Year

9. Early English. The course is a continuation of 8. Text-book: Morris and Skeat's Specimens, Part II, Extt. X-XX. One hour a week.

Fourth Year.

10. ELIZABETHAN AND EARLY STUART PERIODS. The general influences visible in the literature of the periods will be noticed by way of introduction to a critical examination of the following works which have been selected for private study: Spenser, Shepheard's Calendar (Herford, Macmillan); Faerie Queene, Bk. I. (Percival, Macmillan); Sidney, An Apology for Poetry (Cook); Milton, Shorter English Poems (Browne, Clarendon Press); and Areopagitica (Hales). One hour a week.

Third Year.

11. Shakspere. The social and literary conditions of Elizabethan England will be noticed, and the characteristics of the pre-Shaksperian drama specially illustrated. The following plays have been selected for special criticism and private study: Love's Labours Lost (Rolfe), A Midsummer Night's Dream (Deighton, Macmillan); Hamlet (Deighton, Macmillan); and the Tempest (Deighton, Macmillan). One hour a week.

Fourth Year.

12. LATER STUART PERIOD. The method of 10 will be followed. The works selected for private study are: DRYDEN, Annus Mirabilis, Absolom and Achitophel, Part I; the Preface to the "Fables" (Globe Edition, or for Absalom and Achitophel. Dryden's Satires, ed. Collins, Macmillan). Addison, Essays on Paradise Lost and on the Imagination (Spectator, ed. Henry Morley, Routledge). One hour a week.

Third Year.

13. LATER STUART PERIOD. An introductory sketch of the critical and philosophical essayists in verse, leading up to a more minute examination of the following works of Pope, which have been selected for private study: Essay on Criticism, Essay on Man (Globe Edition). One hour a week.

Fourth Year.

14. Period of Popular Influence. Influence of the French Revolution. The influence of the French Revolution on contemporary English Literature will be discussed. The following poems have been selected for special criticism and private study: Words worth, Prelude (Moxon's edition), and Campbell, Pleasures of Hope. One hour a week.

Third Year.

15. Modern Poets. An interpretation in detail of Tennyson's In Memoriam and a comparative criticism of other famous English poems of the same class. An outline of the growth of the Arthur Saga and a special examination of Tennyson's Idylls of the King. Browning, Christmas Eve and Easter Day.

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In addition to the poems just mentioned, MILTON'S Lycidas, SHELLEY'S Adonais, and MATTHEW ARNOLD's Thyrsis have been selected for private study. One hour a week.

Note.-Honour students of the Third Year will privately study the following works, and write an essay on some topic arising from them: BURKE, Reflections on the French Revolution; LESLIE STEPHEN, English Thought in the Eighteenth Century, Vol. II, chap. X, secs. V to X inclusive. The Essay will count in the awarding of honours.

Honour students of the Fourth Year will, in like manner, take the following: More, Utopia; Matthew Arnold, Essays in Criticism (the Second Series).

Readings from authors who do not find a place in the above courses will be given by Prof. Moyse on Saturdays, at noon. The selectious will be taken for the most part from writers of the present century. Attendance is voluntary.

French.

Lecturer in French: -- M. Ingres, B. ès-Lettres. Sessional Lecturer: -J. L. Morin, M.A.

The earlier courses of instruction in French have been framed with the view of enabling the student to speak the language with facility and correctness. In the later courses, particular attention will be given to the style and substance of French classics, both in prose and verse, and also to the historical development Ordinary of the French language and literature.

First Year. 1. Instruction will be given according to the natural method, the French language being exclusively used. The following outline will indicate the character of the course: (a) The oral reproduction of stories selected from French writers of the present century. In connection with this part of the work, words will be referred to groups in order to make the progress of the student more rapid. (b) Biographical sketches of the leading writers of the present century, illustrated by typical selections from their works, which will be read by the class, and committed to memory. (c) Private Reading, the amount and character of which will be determined by the proficiency of the individual student. The following works may be taken as specimens of the literature chosen for the class: Erckmann-Chatrian, L'Ami Fritz. Pierre LOTI, Pêcheurs d'Islande. VICTOR HUGO, Hernani. G. SAND, Le Marquis de Villemer. In the examination of the students of affiliated colleges the extracts given for translation from French into English will be taken, in part, from the first three works mentioned above.

There will be regular exercises in dictation and composition. Students are recommended to use Le Dictionnaire Larousse.

Three hours a week.

Second Year.

2. The method of the course is the same as that of 1, but the more advanced points of grammar will be treated, and in literature particular attention will be directed to characteristics of style.

The following works may be taken as specimens of the literature chosen for the class : J. SANDEAU, Mile. de la Seiglière; L. HALÉVY, L'Abbé Constantin; MERIMÉE, Carmen; DE VIGNY, Cinq Mars; CHATEAUBRIAND, René.

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There will be regular exercises in dictation and composition. Students are recommended to use Le Dictionnaire Larousse.

Three hours a week.

3. A continuation of 2. The form and origin of words will be treated more fully than in previous courses, and an outline of philology given. In the literary portion of the course the leading characteristics of the Classic, Romantic, Realistic, Impressionist and other schools will be described. Biographical sketches of writers who belong to the XVII and XVIII centuries will be given, and illustrated by typical selections from their works, which will be read in class and committed to memory. The following works of the same period have been chosen for private reading previous to their consideration by the class: B. DE ST. PIERRE, Paul et Virginie. Voltaire, Siècle de Louis XIV. Rousseau, Emile, Le Contrat Social. Corneille, Le Cid, Horace, Cinna. Racine, Athalie, Phèdre, Andromaque. Molière, Tartuffe, Le Misanthrope, Le Bourgeois Gentilhomme. Mme. De Sévigné, Lettres. Bossuet, Discours sur l'Histoire Universelle; Oraisons funèbres. Pascal, Lettres provinciales.

There will be regular exercises in composition.

Two hours a week.

4. Important historical changes of various kinds in the vocabulary of French will be noticed, and sentences presenting peculiar difficulties explained. The origin on the French language will be more fully treated, and French literature previous to Corneille read. Biographical sketches of leading writers of that period will be given, and typical selections from their works committed to memory. The following works have been chosen for private reading previous to their consideration by the class: Montaigne, Essais; La Satire Ménippée. Descartes, Discours de la méthode. Amyot, Traduction de Plutarque. Calvin, L'Institution Chrétienne. Rabelais, Gargantua, Pantagruel. Commines, Louis XI. Joinville, Vie de Saint Louis. Froissart, Chroniques. Villehardouin, Chroniques.

There will be regular exercises in composition,

Two hours a week.

5. Grammar.—A course on French grammar treated historically. Students are recommended to consult the following works: Brachet, Grammaire Historique de la Langue Française, Dictionnaire Etymologique. Brunot, Grammaire Historique de la Langue Française, Clédat, Grammaire de la Vieille Langue Française. Littré, Histoire de la Langue Française. F Brunetière, Etudes Critiques. G. Paris, La Littérature Française au Moyen Age.

Literature.—The student is expected to undertake a thorough study of the following works, portions of which will be read in class: Le Roman de la Rose; Le Roman de Renart. J. Bédier, Les Fabliaux; Petit de Julleville, Les Mystères.

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Two hours a week,

6. A course in Old French. The student will be guided in a comparative study of the Romance languages, and will use the following works of reference:

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E. Renan, Essai sur la Poésie des Races Celtiques. Egger, l'Hellénisme en France. Roquefort, Glossaire de la Langue Romane. Busgny, Grammaire de la Langue d'Oil. Bréal, Grammaire comparée. F. Diez, Grammaire des Langues Romanes. Meyer-Lubke, Grammaire des Langues Romanes.

The literary biography and history of the period will be treated, and in connection therewith the following works will be read:

JEAN BODEL, Le Jeu de saint Nicholas. Wace, Le Roman de Rou, Le Roman de Brut. La Chanson de Roland, La Vie de saint Alexis, La Vie de saint Leger.

Two hours a week.

Honours.

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German Language and Literature.

Lecturer, L. R. Gregor, B.A.

The following courses, both Ordinary and Honour, will be very considerably modified and extended in and after 1897, after which time students entering the German Classes will be required to pass a Matriculation Examination.

At the present time the ordinary Courses mainly keep practical ends in view. As far as possible they place the student at the German standpoint, so that he may study the language from within. Special attention is given to colloquial exercises in the First and Second Courses, to Literature in the Third and Fourth. The German Language is employed to a considerable extent in the First and Second Courses, and almost to the exclusion of English in the Third and Fourth. Importance is attached to correct and expressive reading.

First Year. 1. Vandersmissen and Fraser, German Grammar; Joynes, German Reader; Colloquial Exercises.

Three hours a week.

Year.

2. Vandersmissen and Fraser, German Grammar; Joynes, German Reader; Freytag, Die Journalisten; Uhland, Ballads and Romances (Macmillan's Foreign School Classics); Jensen, Die braune Erica (Heath). Translation at Sight from a German weekly newspaper; Parsing, etc.

Two hours a week.

Third
Year.

3. Goethe—Extracts from Dichtung und Wahrheit; Schiller, Wallenstein.
German Grammar; German Composition; History of German Literature Two hours a week.

Year.

4. Schiller, Jungfrau von Orleans; Lessing, Nathan der Weise; Goethe, Hermann und Dorothea. History of German Literature; German Grammar; German Composition with translation from English into German (Horning). Two hours a week.

Lectures in this Course are given entirely in the German Language. They take up the subjects of Courses Three and Four in alternate years, and reproduce the main features of these Courses in greater extension, with the addition of careful study of Texts with philological, historical and explanatory notes. Texts are also prescribed for private reading.

Honour Students of the Third and Fourth Years take lectures in common. The order in which the following text-books are taken up is subject to re-arrange ment:—

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5b. ARAMA Liter Two 5a. A special study of Goethe's Faust (Part I); Goethe, Leiden des Jungen Werther; Selections from HERDER's Volkslieder; Macmillan's German Composition.

Third Year.

N.B.-The above constitutes the Additional course. See p. 41.

5b. Goethe, Egmont; Lessing, Emilia Galotti; Extracts from Freytag's Bilder aus der deutschen Vergangenheit; Schiller, Don Carlos. History of German Literature (KLUGE); Historical Grammar.

Fourth Year.

6a. LESSING, Laokoon; Behaghel, Deutsche Sprache; GRILLPARZER, Sappho; SCHILLER, Die Braut von Messina; Macmillan's German Prose Composition. N.B.—The above constitutes the Additional Course. See p. 41.

66. SCHILLER, Maria Stuart; Scheffel, Trompeter von Säkkingen, Selections from Heine's Lyrical Poems; HARTMANN VON AUE, Gregorius auf dem Steine; ZARNCKE, Das Nibelungenlied. History of German Literature (KLUGE); Original Compositions in German.

In order to obtain First or Second Rank Honours, a Candidate must be capable of speaking and writing German.

Semitic Languages.

Professor: -D. Coussirat, B.A., B.D., D.D., Officier d'Académie.

Ordinary

The course comprises lectures on the above languages and their literature, their genius and peculiarities. 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.

- 1. Hebrew Grammar (Inductive Method). Oral and written exercises in Ortho. First Year. graphy and Etymology. Translation and grammatical Analysis of the Old Testament. Text-books: HEBREW BIBLE, HARPER'S Elements of Hebrew, Introductory Hebrew Method and Manual. Two hours a week.
- 2. Hebrew grammar and translation continued. English rendered into Hebrew. MASORETIC notes explained. The Hebrew text compared with the Septuagin and Vulgate Versions. Two hours a week.

Second Year.

3. Hebrew Syntax. Translation of difficult passages of the Old Testament. Notes on the Masora and the Talmud (Mishna and Gemara). Two hours a week.

Third Year.

4. Translation continued. Characteristics of the Semitic Languages, particularly of Aramaic, Syriac, Samaritan, Rabbinic, Arabic, Assyrian, SEMITIC INSCRIPTIONS. Two hours a week.

Fourth Year.

5a. Hebrew. Genesis. Isaiah, 40-66. Ecclesiastes.-Literature.-F. Lenor-MANT, The beginnings of History.

Honours. Third Year.

5b. ARAMAIC.—Daniel. Ezra. Selections from the TARGUMS. Literature.—SAYCE, Lectures on the Origin and Growth of Religion. Two hours a week.

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Fourth Year.

- 6a. Hebrew.—Malachi, Psalms, 1-72; Job, 26-42. Literature.—Renan, A. General History of the Semitic Languages.
- 6b. Syriac.—Selections from the Peshito, and from the Chronicles of Bar Hebræus.—Literature.—W. Wright, Comparative Grammar of the Semitic Languages.

Two hours a week.

5b and 6b. (Literature excepted) are the Additional Courses.

History.

Ordinary

Professor :- Charles W. Colby, M A., Ph.D.

Second Year. 1. The Political History of Europe from 1789 to 1878.

Two hours a week.

It is the aim of these lectures to enable the student to follow intelligently the course of modern international relations. The most important subjects to be treated in detail are the French Revolution, the growth of Democracy and Nationality, and the actual political state of the British Empire.

Honours,

Third and Fourth Years. 2. THE GERMAN INROADS AND THE MIDDLE AGES.
Three hours a week.

These lectures extend from the recognition of Christianity as a state religion to the death of Dante. They deal with such subjects as the character and organization of the Early Church; the laws, political institutions, and conquests of the German nations; the Empire of Charlemagne, the Holy Roman Empire in its relations with the Papacy, Feudalism, Monasticism, the Crusades, Romanesque and Gothic Architecture, the Schoolmen, and Dante. An attempt will be made to present mediaeval civilization in its positive aspects.

- 3. THE RENASCENCE AND THE REFORMATION.

 Two hours a week, and Seminary.

 (Omitted in 1896-97.)
- 4. Studies in the History of Democracy prior to the French Revolution, Two hours a week.

(Omitted in 1896-97.)

Third and Fourth Years. THE FRENCH REVOLUTION, 1789-1815.
 Two hours a week.

The Revolutionary movement will be considered throughout its course, from the opening of the States General to the battle of Waterloo. The constitutional history of the years 1789-1799, and the domestic administration of Napoleon will be dealt with in detail. While the immediate effect of the Revolution on France will be chiefly regarded, attention will also be paid to its European and general character. A third hour may, at the discretion of the Professor, be taken for the discussion in Seminary of some special topic relating to the period.

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Note.—Courses 2 and 3 are given in alternate years. Courses 4 and 5 are given in alternate years.

Bibliographical lists relating to the historical courses given in 1896-97 may be had on application to the Secretary.

SUMMER READINGS.

Students who are devoting special attention to the literary branches of the University course are advised to read during the long vacation either the first or the second set of the subjoined selections.

- I. Herodotus, VI-VIII, Macaulay's trans: Thucyddes, I, II 1-65, VI, VII, Jowett's trans: Plato, the Republic, Jowett's trans: Plutarch, the Lives of Aristides, Themistocles, Pericles, and Timoleon, Clough's trans: Polybius, I, II, V, Shuckburgh's trans: Livy, XXI-XXII, Church and Brodribb's trans: Tacitus, Annals II, Germania, Vita Agricolae, Church and Brodribb's trans.
- II. CLARENDON, History of the Rebellion, Book XI; GIBBON, Decline and Fall, Chaps. XLIV, L, LI, LXVI; BURKE, Reflections on the French Revolution; Hallam, Middle Ages, Chap. III; Macaulay, History of England, Chap. III; Bacehot, The English Constitution; Stubbs, Select Charters Introduction; Bryce, The Holy Roman Empire Chaps. I-XV; Lord Acton, German Schools of History, English Historical Review, Vol. I.; Matthew Arnold, Pagan and Mediæval Religious Sentiment, in Essays in Criticism (First Series).

Mental and Moral Philosophy.

Professor:—J. Clark Murray, LL.D. Lecturer:—P. T. Lafleur, M.A.

Ordinary

1. This course takes up in the first term the elements of **Psychology**, in the second the elements of **Logic**. Students are referred, among other works, to MURRAY, Handbook of Psychology, Book I., and to Jevons, Elementary Lessons on Logic.

Second Year.

Three hours a week.

2. In the first term the course takes up the Logic of Induction. Students ar referred specially to Mill, System of Logic, Book III.

Third Year.

Two hours a week.

In the second term the course takes up the most interesting problems in the Psychology of Cognition, tracing, as far as possible, the principal stages in the evolution of intelligence. The general problem, also, of the nature of knowledge is discussed, in view of the light which it throws on the ultimate nature of reality. Students are referred, among other works, to MURRAY, Handbook of Psychology, Book II., Part 2. Students are also required to write an essay on some philosophical subject.

Two hours a week,

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, from tional n will rance eneral ten for Fourth Year. 3. This course is devoted entirely to Moral Philosophy, and follows, in its general outline, the subjects discussed in MURRAY'S Introduction to Ethics. Students are also required to write essays on ethical questions.

Two hours a week.

Honours.

Third Year. 4 This course is devoted mainly to the history of Greek Philosophy. It begins with the colonial period, during which philosophical activity was most energetic among the colonies of the Greeks in Asia Minor and Italy. It then passes on to the Athenian period, beginning about the middle of the fifth century, B.C., when Philosophy found a home in the greatest centre of intellectual life in the ancient world. A third period is then described, during which Philosophy extends its culture over ancient life by the spread of the great schools, especially the Stoical and the Epicurean, which arose towards the end of the fourth century B. C. Finally, some account is given of the movement, of which Alexandria was the centre, and by which Greek Philosophy was brought into contact with Oriental thought. The history is carried down to the closing of the Pagan Schools in Athens by the Emperor Justinian. Occasional lectures are also given on the other special studies of the Third Year Honour Course. Students are expected to make an independent study of the fragments of one of the early philosophers, and to write an essay embodying the results of their study.

Two hours a week.

Fourth Year.

5. The lectures of this Year form two courses. One is devoted to the earlier period of Modern Philosophy. After sketching the transition from Mediæval to Modern thought, the course gives some account of the Empirical movement started in England by Bacon and Hobbes, and developed by Locke and his school. The Idealistic tendency of speculation during this period is sketched mainly in three movements:—that which began in England with the Cambridge Platonists, and culminated in Berkeley; the German movement originated by Leibnitz, and formulated by Wolf; the Cartesian movement which culminated in Spinoza. The course closes with a lengthy exposition of Kant's three Critiques First term, two hours a week; second term, one hour a week.

6. The other course is on the History of English Philosophy from Hartley to Herbert Spencer. The lectures discuss the chief characteristics of English thought during the last one hundred and fifty years, more particularly as shewn in the works of English psychologists and political writers during that time. The writers to whom special attention is given are: in Psychology—Priestley, Hartley, Erasmus Darwin, the two Mills, Bain, and Herbert Spencer; in Political and Social Science—Burke, Paine, Godwin, Paley, Bentham, Malthus. References are also made to minor writers, whose work may be deemed to be of sufficient importance in the general movement and development of philosophy. No text-book is specially recommended; but the student is expected to read appointed selections from the writers under discussion, as well as to consult Leslie Stephen's History of English Thought in the Eighteenth Century, and a few chapters in Lewes' History of Philosophy. The principal points emphasized in the lectures are the empirical character of the English school in psychology and metaphysic, and the practical, utilitarian views of English political writers.

Second term; one hour a week.

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THE REPORT OF THE PARTY.

Mathematics and Astronomy.

Professor:—Alexander Johnson, M.A., LL.D. Sessional Lecturer:—Rev. H. M. Tory, B.A.

Ordinary

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

 Three hours a week.
- 2. Mathematics.—Arithmetic, Euclid, Algebra and Trigonometry as before.—
 Nature and use of Logarithms.—Remainder of Galbraith and Haughton's
 Plane Trigonometry.
 One hour a week.
- 3. (Optional, but open to those only who have studied Mathematical Physics).—Third Year Astronomy (Locker, Elementary Astronomy, English edition; first five chapters, viz.: The Stars and Nebulæ; The Sun; The Solar System; Apparent movements; Time). Students are recommended to use with this an "Easy Guide to the Constellations," by Gall. This subject is taken with Optics.

 Hours to be arranged.
- 4. Astronomy.—(Optional) Galbraith and Haughton's Astronomy or Brinkley by Stubbs and Brunnow.—This subject is taken with Optics as one course.

 The lectures will be given before Christmas.

 First term; two hours a week.

Mathematics and Physics.

Professors (Mathematics) :- A. Johnson, M.A., LL.D.

" (Physics) :- John Cox, M.A.

" H. L. Callendar, M.A.

Sessional Lecturers (Mathematics, First Year):—Rev. H. M. Tory, B.A. Demonstrators in Physics:—Rev. H. M. Tory, B.A., and F. H. Pitcher, B.A. Sc.

Honours.

- 5. Mathematics.—Hall and Stevens, Euclid; McDowell, Exercises in Modern First Year.
 Geometry; Hall and Knight, Advanced Algebra; Todhunter, or Burnside and Panton, Theory of Equations (selected course).
 Two or three hours each week.
- 6. Mathematics.—Lock, Higher Trigonometry, with McClelland and Preston, Spherical Trigonometry, Part I.; Salmon, Conic Sections, chapters 1, 2, 3, 5, 6, 7, and 10 to 13 inclusive; Williamson, Differential and Integral Calculus (selected course).

 Three hours a week.

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- Third Year 7. MATHEMATICAL PHYSICS.—MINCHIN, Statics, Vol. (I., selected chapters); WILLIAMSON and TARLETON, Dynamics, Chaps. 1 to 8 inclusive; BESANT, Vol. I., Hydro-Mechanics, Part I., chaps. 1, 2, 3, 7; PARKINSON, Optics. Two hours a week.
 - 8. MATHEMATICS.—WILLIAMSON, Differential and Integral Calculus and Boole or FORSYTH, Differential Equations, or SALMON, Geometry of Three Dimensions, (alternate years).

ASTRONOMY. - GODFRAY. Two hours a week. EXPERIMENTAL PHYSICS.—Courses 4 and 6.

Fourth Year.

- 9. MATHEMATICS .- WILLIAMSON, Differential and Integral Calculus; SALMON, Conic Sections; Salmon, Geometry of Three Dimensions (course selected in text-book); BOOLE or FORSYTH, Differential Equations (selected course).
- 10. Physical Astronomy. Godfray, Lunar Theory, or Cheyne's Planetary Theory; NEWTON, Principia, Lib. I., Sects. 9 and 11, with the necessary preliminary propositions.
- 11. MATHEMATICAL PHYSICS.—MINCHIN, Statics, Vol. II., selected chapters: WILLIAMSON and TARLETON, Dynamics; ROUTH, Dynamics of a Rigid Body (for reference); BESANT, Hydro-Mechanics; PRESTON, Theory of Light; CUMMING, Theory of Electricity. EXPERIMENTAL PHYSICS.—Courses 5 and 7.

Natural Philosophy.

Professors :- { John Cox, M.A. Hugh L. Callendar, M.A., F.R.S.

(Rev. H. M. Tory, B.A. Demonstrators :-F. H. Pitcher, B.A.Sc. Howard T. Barnes, B.A.Sc.

Ordinary

I. Mathematical Physics.

Second Year.

1. ELEMENTARY MECHANICS. One hour a week up to February. An introductory course, without Text-book, developing the fundamental principles of Mechanics. One hour a week.

Third Year.

2. MECHANICS AND HYDROSTATICS; Text-book, Loney's Mechanics and Hydrostatics for beginners. Two hours a week till January.

Third Year.

3. OPTICS ; Text-book GALBRAITH AND HAUGHTON. Two hours a week, from January to end of Session.

II. Experimental Physics.

Third Year.

4. LAWS OF ENERGY, SOUND, LIGHT AND HEAT. Text-book, GANOT'S Physics. Lectures fully illustrated. Two hours a week.

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5. ELECTRICITY AND MAGNETISM. Text-book, GANOT'S Physics. Lectures fully illustrated.

Fourth Year.

Two hours a week.

III. Laboratory Courses.

In Experimental Physics, requiring three hours per week to be spent in practical measurements in the McDonald Physical Laboratory, during the Third and Fourth Years, in conjunction with the Lecture Courses 4 and 5.

 (a) Sound—Velocity of Sound; Determination of rates of vibration of Tuning Forks; Resonance; Laws of vibration of strings. Third Year.

Fourth

Year

- (b) Light—Photometry; Laws of Reflection and Refraction; Indices of Refraction; Focal Lengths and Magnifying Powers of Mirrors, Lenses, Telescopes and Microscopes; the Sextant, Spectroscope, Spectrometer, Diffraction Grating, Optical Bench, and Polariscopes.
- (c) Hear—Construction and Calibration of Thermometers; Melting and Boiling Points; Air Thermometer; Expansion of solids, liquids, and gases; Calorimetry.
- 7. Magnetism.—Measurements of Pole Strength and Moment of a Magnet; the Magnetic Field; Methods of Deflection and Oscillations; comparison of moments and determination of elements of Earth's magnetism. Frictional Electricity. Current Electricity.—Complete course of measurements of Current Strength, Resistance and Electromotive Force; Calibration of Galvanometers; the Electrometer; comparison of Condensers; Electromagnetic Induction.

Text-Book.—GLAZEBROOK & SHAW'S Practical Physics.

[N.B.—For Advanced Courses intended for Electrical Engineering Students and Graduates pursuing the study of Physics, see Calendar, Faculty of Applied Science.]

Chemistry and Mineralogy.

Professor of Chemistry:—B. J. Harrington, M.A., Ph.D. Lecturer:—N. Norton Evans, M.A.Sc. Demonstrator:—Alex. Brodie, B.A.Sc.

Ordinary

1a. GENERAL CHEMISTRY (Optional.)—A course of lectures on elementary chem-First Yearical theory, and on the principal elements and their compounds. The lectures are fully illustrated by means of experiments, and are supplemented
by tutorial classes.

Two hours a week.

Text-Book .- REMSEN'S Introduction to the Study of Chemistry.

1b. ELEMENTARY PRACTICAL CHEMISTRY.—Experiments in connection with the above course of lectures performed by the students, and elementary Qualitative Analysis. This class is intended for students in Applied Science, but a few Students in Arts may be admitted.

One afternoon a week.

Year.

INORGANIC CHEMISTRY (Advanced and Optional).—The Chemistry of the principal electro-positive elements and their compounds. (Arrangements may be made for this Course for Session 1896-97.)

One hour a week.

- Third Year 3. Organic Chemistry.—Lectures, with occasional demonstrations, on the analysis of organic bodies, calculation of formulæ, determination of molecular weights, polymerism, isomerism, etc., followed by a discussion of some of the more important Methane derivatives and their constitution.

 One hour a week.
 - Year.

 4. Organic Chemistry.—Lectures in continuation of those in Course 4, discussing some of the principal Benzene and Pyridine derivatives. Students should have previously taken Course 4.

 One hour a week.
- Third Year 5. Analytical Chemistry (Qualitative).—A systematic study of the more important bases and acids, including their detection and separation. The laboratory work is accompanied by explanatory lectures.

 Text-book.—Qualitative Chemical Analysis, by Arthur A. Noyes, Six hours a week.
 - Fourth
 Year.

 6. Analytical Chemistry (Quantitative).—Laboratory practice in methods of gravimetric, volumetric and electrolytic Quantitative Analysis. The course is open to those who have taken No. 6.

 Text-book.—Clowes & Coleman's Quantitative Analysis.
- Third Year 7. Physical Chemistry (Optional).—A course of lectures on Stoechiometry and Chemical Affinity. Special attention is directed to those parts of the subject which have a direct bearing on the processes of practical chemistry, such as the modern theories of solution and electrolytic dissociation.

One hour a week.

Honours.

Third Year 8. Mineralogy.— Lectures and demonstrations illustrated by models and specimens in the Peter Redpath Museum. Among the subjects discussed are: Crystallography; physical properties of minerals dependent upon light, electricity, state of aggregation, etc.; chemical composition, calculation of mineral formulæ, quantivalent ratios, etc.; principles of classification, description of species.

First term, one hour a week; second term, two hours a week.

- Year.

 9. Mineralogy. (In continuation of No. 8.) Description of species, particular attention being paid to those which are important as rock constituents and to the economic minerals of Canada.

 First term, two hours a week.
- Third Year 10. DETERMINATIVE MINERALOGY.—Laboratory practice in blowpipe analysis and its application to the determination of mineral species.

 Thursday, 2 to 5 p.m.

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Botany.

Professor:—D. P. Penhallow, B.Sc., M.A.Sc. Demonstrator:—C. M. Derick, M.A.

Ordinary

1. General Morphology. This course is designed to give a through general knowledge of the principles of General Morphology and Classification. It comprises:

Second Year.

- (a) Determination of species from both dry and fresh materials; type studies of Sphermaphytes, Pteridophytes, Bryophytes, and Thallophytes, with reference to their life histories. Gray's Structural Botany, Gray's Manual, Penhallow's Outlines of Classification, and Botanical Collector's Guide. First term, three hours a week.
- (b) General Morphology and Classification; elements of Histology and Physiology; Biological relations of plants.

 Second term, two hours a week.
- ADVANCED ANATOMY. ** This course, open to students who have taken Botany
 i, is designed to give an extended knowledge of vegetable anatomy. It comprises:—

Third Year.

- (a) Optics and construction of the microscope; determination of amplifications; micrometry; drawings; section cutting; preparation of microscopic objects; micro-chemical reactions; study of cell contents and tissues, comparative studies of type forms of angiosperms and gymnosperms.

 Four hours a week.
- * (b) A continuation of the course in the Third Year. Critical studies of the structure and development of the Pteridophyta, Bryophyta, Thallophyta and Protophyta.

 Four hours a week.

Fourth Year.

- *Students satisfactorily completing this course, will be eligible to the occupation of an investigator's table held by the University at the Wood's Hall Biological Laboratory.
- ** The continuance of these courses for 1896-97 is contingent upon the provision of adequate assistance in the Department.

The fee for the Session in each of the above courses is \$10. Students are required to supply their own slides and cover glasses.

Zoology.

Lecturer.-W. E. Deeks, B.A., M.D.

Ordinary

3. This course will include lectures on elementary Physiology based on Huxley's lessons; a general account of Embryological development: the morphology and classification of the Invertebrata, with a general description of their modes of life, etc.; and the comparative anatomy with the classification of the Vertebrata. As far as possible, the Canadian Fauna will be referred to in the descriptive lectures, which will be illustrated by concurrent demonstrations of microscopical, moist and dry preparations, with dissections of all the leading types. Students have access also to Leukart's charts.

Third Year. Two hours a week, apart from demonstrations.

Text-Books.—Thomson's Outlines of Zoology, Dawson's Handbook (for Canadian reference).

Fourth Year. Additional

Course.

4. The preparation and study of animal tissues microscopically. This includes killing, hardening, sectioning, staining, mounting, etc. Practical Anatomy, with lectures. The animals dissected will be representative types both Vertebrate and Invertebrate.

Text-Book.—MARSHALL AND HURST'S Practical Zoology. Additional fee of \$10. N.B.—Students desiring to take Geology in the Fourth Year, are recommended to take Zoology in the Third Year.

Geology and Palæontology.

Ordinary

Professor: -Frank D. Adams, M.A.Sc., Ph.D.

Fourth Year. 1. General Geology.—The lectures will embrace a general survey of the whole field of Geology, and will be introduced by a short course on Mineralogy. Especial attention will be devoted to Dynamical Geology and to Historical Geology, including a description of the fauna and flora of the earth during the successive periods of its past history.

The lectures will be illustrated by the extensive collections in the Peter Redpath Museum as well as by models, maps, sections and lantern views. There will be an excursion every Saturday until the snow falls, after which the excursion will be replaced by a demonstration in the Museum.

Text-book.—Dawson, Hand-book of Geology. Books of Reference. Dana, Manual of Geology; Bonney, Story of our Planet.

Three hours a week throughout the year, with additional excursions and de-Honours monstrations as above stated.

Fourth Year.

2. Petrography.—The modern methods of study employed in Petrography are first described, and the classification and description of rocks is then taken up.

One lecture a week during the second term. One afternoon a week during the second term will be devoted to special microscopical work in the Petrographical Laboratory.

Books of Reference.—ROSENBUSCH, Mikroskopische Physiographie, and RUTLEY, Rock-forming Minerals.

Fourth Year. 3. Palæontology.—An extension of the Palæontology of Course 1, with special studies of some of the more important groups of fossils.

One lecture a week during the second term and one demonstration a week, with special studies in the Peter Redpath Museum.

Books of Reference.—NICHOLSON AND LYDEKKER, Manual of Palæontology; WILLIAMS, Geological Biology.

Fourth Year. 4. Practical and Applied Geology.—A description of the methods employed in observing and recording geological facts, concluding with a general treatment of the nature and mode of occurrence of Ore Deposits.

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One lecture and one demonstration a week during first term.

Text books.—Geikie, Outlines of Field Geology; Kemp, Ore Deposits of the United States.

Canadian Geology.—A general description of the Geology and Mineral Resources of the Dominion. One lecture a week during the second term.
 Text-book.—Dawson, Hand-book of Geology.

Books of Reference.—The Reports of the Geological Survey of Canada.

6. Geological Colloquium.—A discussion each week of some Geological topic, references to the literature of which have been given by the Professor in the week preceding. The course is intended to give students some acquaintance with Geological literature, as well as a wider knowledge of the great principles which underlie the Science.

One hour a week in second term.

Students taking any of these courses are entitled to tickets of admission to the Museum of the Natural History Society of Montreal.

Meteorology.

Superintendent of Observatory :- C. H. McLeod, Ma.E.

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.

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 hour: 3 p.m , Tuesday and Friday.

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 \$2.

Physical Culture.

Medical Examiner and Instructor :- R. Tait 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.)

Fourth Year.

Fourth Year.

LECTURES IN THE UNDERGRADUATE COURSE IN THE FACULTY OF ARTS

SESSION OF 1896-97.

	Hours.	Monday.	TURSDAY.	Wednesday.	THURSDAY.	FRIDAY.
YEAR.	00120	Latin. Mathematics. * French. T Elementary Chemistry. Greek	† Mathematics. * Hebrew. Greek. * German. * French.	Mathematics Latin. * German. English.	† Mathematics, * French. * Hebrew, * German. Latin.	Mathematics, Greek, English,
XEVE.	08184	* French. Greek. Mathematics. Botany. † Mathematics.	Logic. * German, * Hebrew. Latin. Math. Phy.	* French. Logic. Botany. † Mathematics. Latin Greek	* Hebrew, Logic, Latin, Modern History.	Greek. * French. * German. + Mathematics. Greek. Modern History.
THIED YEAR.	6 01 11	English. † Geology. German. †Math. Physics. † Mental Philosophy. † Latin † Math.	Greek. French. + Ment. Phil. Latin. Zoology.	† Greek. † Math. Phys. † Anglo-Saxon. Math. Physics. Mental Phil., Febrew.	Greek. Ezench. Chemistry. Hebrew. Zoology.	Greek. 4 Math. Phys. 4 Greek. † English. † Mineral-Rhetoric. † Syriac, etc. Math. Physics.
	2 2	d	Experimental Physics, Botany,	Latin. † Syriac.	Experimental Physics.	Latin. Botany.
B.	90	† Greek. Exp. Physics. Geology.	Astronomy. (a) † Mineralogy. French. † Ment. Phil.	Geology, † Greek, † Math.	Exp. Physics. German. History.	† Greek. † Math. Phys. Geology.
XEV.	: 2	† Geology. † Math. Greek. Moral Phil.	Moral Phil. † Math. Phys. Chaldee.	Greek. † Mineralogy (a). Hebrew.	Moral Philosophy. † Chaldee. Astronomy. (a)	French, † Geology, † Anglo-Saxon and Early English.
	8	+ Latin.	Botany.	† Latin.		Botany.

(a) During First Term. (b) Second Term. † 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.

Library open every day, 9 to 6 and 8 p.m. to 10 p.m. during session. The Museum will be opened as arranged by the Principal.

Determinative Mineralogy, Wednesday, at 2 p.m. Practical Chemistry, at 2 p.m., for 3rd and 4th Years; First Year with the Class in Applied Science.

Optional.

* The hours in this table are subject to alteration during the Session.

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III. UNIVERSITY BUILDINGS, Etc.

The University Library.

The various libraries of the University now contain about 60,000 bound volumes, besides many valuable pamphlets.

The books have been selected with a view to illustrating the various courses of University study. They are, therefore, to a considerable extent, general in character; and the Committee endeavours to provide for the symmetrical growth of the entire library.

There are, however, several large special collections, besides the departmental libraries. The late Mr. Peter Redpath was, for years before his death, engaged in forming the REDPATH HISTORICAL COLLECTION, which is now of great value, and affords unusual opportunities for the study of English History. An important feature of this collection is a series of 3,500 political and religious tracts, which date from 1601 to about the middle of the present reign.

Abundant materials, bearing upon the History of Canada, have been gathered together. Of these the nucleus is formed by the entire library of the late Mr. Frederick Griffin, whose choice books were, some years ago, bequeathed to the University. This branch of the library is being steadily augmented.

The Medical Library, directly controlled by the Faculty of Medicine, is the largest of the departmental libraries, and is one of the most complete collections of its kind in the Dominion.

About 160 current periodicals, literary and scientific, are subscribed for through the various departments of the University. Besides these, the library regularly receives many Serials, Transactions and Proceedings of Societies. The list of both periodicals and serials is being extended yearly.

A new Card Catalogue of the entire library has been for some time in hand, but is not as yet complete.

In the autumn of 1893, the general library was moved to the noble building erected by the late Mr. Peter Redpath. The building affords ample accommodation for two hundred readers, the reading room being exceptionally spacious and convenient. The reading room is open in the evening, and contains a reference library, and leading English and Foreign periodicals.

Although the library is maintained primarily for members of the University, the Corporation has recently provided for the admission, upon certain conditions, of such persons as may be approved by the Library Committee. It is the desire of the Committee to make the library as useful to the entire community as is consistent with the safety of the books and the general interests of the University.

The Peter Redpath Museum.

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This building was erected in 1882 by the liberal benefactor whose name it bears. It occupies a commanding position at the upper end of the campus, and besides its central hall and other rooms devoted to the collections, contains, on the ground floor and in the basement, a large lecture theatre, class-rooms and work-rooms.

The general arrangement of the collections is as follows:-

- 1. The Botanical Room on the ground floor contains the HERBARIUM, consisting of 25,000 specimens of Canadian and exotic plants, and collections illustrating structural and economic botany.
- 2. On the first floor is a room over the entrance hall, in which are cases containing Archæological and Ethnological objects, with large slabs of fossil footprints on the walls.
- 3. This room opens into the great Museum Hall, on either side of which are alcoves with upright and table cases containing the collections in Palæontology, arranged primarily to illustrate the successive geological systems, and subordinately to this, in the order of zoological and botanical classification, so as to enable the student to see the general order of life in successive periods, and to trace any particular group through its geological history.
- 4. At the extreme end of the Hall are placed the collections of Minerals and Rocks, arranged in such manner as to facilitate their systematic study. In the centre of the Hall are economic collections and large casts and models.
- 5. In the upper story or gallery of the great Hall are placed the zoological collections—the invertebrate animals in table cases in regular series, beginning with the lower forms, the vetebrate animals in upright cases, in similar order. The Philip Carpenter Collection of Shells is especially noteworthy for its arrangement and completeness.

Details as to the several departments of the Museum are given in the "Museum Guide," and papers or memoirs relating to type specimens in the collections can be obtained from the Museum Assistant. Tickets are issued to students by the Professors in charge of the several departments, and classes of pupils from schools can be admitted on certain days, under regulations which may be learned from the Professors or from the Secretary of the University.

Physics Building.

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 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 important instruments for exact measurement, to be used in connection with special work and research.

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The following extract is made from the report for the year 1894-5 of the Physics Building Committee:—

"The work of the year has been mainly devoted to completing the equipment of the Laboratory, and starting the practical work on a systematic basis. Additional cases, tables and other fittings have been obtained, tools and machines for the workshop, mercury stills, vacuum pumps, and other apparatus required in Experimental Physics.

Of the Advanced Practical Work, the greater part hitherto, owing to the arrangement of the Electrical Engineering course, has been confined to Electricity and Magnetism. It may be of some interest, therefore, to give a brief abstract of the work of the last year in this direction, together with a description of the principal electrical standards and instruments of precision in the McDonald Collection.

Resistance Standards. —We have thirty standard resistance coils of various patterns, including the B.A., the Board of Trade and the German, with a few others, ranging in value from 1,000 ohms to one ten-thousandth, and adapted for various different purposes. These have been tested and compared, and their values are found to agree as closely as could be expected with the Cambridge certificates, and those of the Reichsanstalt and the makers. The temperature coefficients of a few have also been determined. The comparisons have been made chiefly with Nalder's pattern of the Carey-Foster Bridge.

We have also a duplicate of the Fleming Bridge used at Cambridge, recently presented by the Duke of Devonshire.

RESISTANCE STANDARDS.—The collection of resistance boxes includes almost all the best types. We have a Thomson-Varley slide-box by Nalder, which has proved extremely useful and accurate. This box has been accurately calibrated throughout. The largest discrepancy between two sets of observations on different dates and at different temperatures is one part in 50,000. The mean divergence less than I in 100,000. We are thus in possession of an instrument which can be used for calibrating other boxes with great ease and accuracy. Among the other boxes we may mention: two megohm boxes and four 100,000 ohm boxes of different patterns; a four dial and a six dial P.O. box; and a bar-dial box of Professor Anthony's pattern; also a compensated resistance box with mercury contacts, reading from 0 to 50 ohms continuously by the Carey-Foster method; this is extremely useful for the accurate determination of resistances which cannot be made up of any simple combination of standards, and has been accurately calibrated throughout.

For the comparison and determination of small resistances, we have a Kelvin

conductivity bridge, and a Lorenz apparatus, with the improvements made by Prof. V. Jones, which is now being completed under his supervision.

Potential Standards.—As potential standards, we have a number of Clark cells of Dr. Muirhead's pattern with attached thermometers, and a dozen of Professor Carhart's with his certificate. These have been frequently tested at various dates by different methods, and are found to agree with each other to about one-tenth of one per cent. The students have also set up a number of cells in accordance with the Board of Trade directions. The agreement of these is considerably closer, and though not of a portable form, they are more convenient for laboratory work.

These have been used for testing and calibrating various types of commercial instruments.

CURRENT STANDARDS.—We have a Kelvin composite balance, which can also be used as a voltmeter and wattmeter, and two Siemens dynamometers. The constants of these have been determined by the voltametric method, and found to be accurate to one-half of one per cent. They have been used for calibrating common types of alternate current instruments. We have also a set of 4 large storage cells, with convenient commutators and resistances for furnishing large steady corrents for the testing of ammeters and low resistances, and for other purposes. This equipment is similar to that in use at the Board of Trade in England and in the laboratories of some leading instrument makers.

As an absolute current standard we have a duplicate of the Weber electrodynamometer made by Latimer Clark for the Committee of the British Association, the coils of which were wound by Clerk Maxwell, and used by Lord Rayleigh in his standard experiments. This instrument has been very carefully set up by R. O. King. It has been thoroughly tested and measured, and its constants determined.

INSULATION AND CAPACITY TESTS.—For these and other tests we have a suitable collection of delicate reflecting galvanometers of the astatic, ballistic, differcential and D'Arsonval types. The most delicate of these has a resistance of 110,000 ohms, and a figure of merit of upwards of 60,000 megohms with a 20 second swing.

We have eight quadrant electrometers of different types, the chief of which have been set up and used for various insulation and other tests. We have also one Kelvin absolute electrometer, and smaller portable electrometers and gauges on the same principle.

As a standard of capacity we have a cylindical air-condenser of the B.A. pattern This was measured, cleaned, and set up by H. M. Tory in November, 1893.

Its capacity has not yet been determined absolutely. By comparison with our certificated mica standards, it was found to be nearly one-200th of a microfarad the value intended by the maker.

The mica-standards and subdivided boxes have been carefully compared with

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For the purpose of studying the behavior of insulators under the influence of long continued and intense electric stress, a subject which is now becoming of importance in connection with the transmission of power at very high voltage, we have in preparation a transformer capable of working up to 100,000 volts, and of sufficient power to give useful, practical results.

Magnetic Tests.—Determinations of the dip and horizontal intensity have been made with the Kew instruments in different parts of the laboratory, and of the horizontal intensity with two other types of magnetometer. The values obtained showed a very satisfactory agreement, and were in all cases verified by the local and bifilar variometers. A preliminary magnetic survey with the portable variometers has been made of all the laboratories in which experiments affected by the horizontal intensity are carried on. The results have been of great utility, and show that the precautions taken in erecting parts of the building with copper pipes and heating apparatus were by no means unnecessary, and might even have been extended with advantage to the elementary laboratories. It was also found that the disposition of the motors and machinery at the other end of the building was such as to produce a magnetic disturbance scarcely appreciable for most purposes in the portions devoted to delicate work.

We have also apparatus of various types for testing the magnetic quality of iron and steel. These experiments are mainly carried on in the Engineering Building, but some tests have been made by the magnetometric method for which the Physics Building is more suitable.

Considerable progress has also been made with the equipment for advanced work in Optics, Acoustics and Heat, but little work has as yet been done by the students in these branches owing to the arrangement of the present courses of study. The collection of apparatus is on a corresponding scale to the electrical equipment, and includes several fine and valuable instruments. Among the more interesting pieces recently added or shortly to arrive, we may mention: a set of Ewing Seismographs; a Rieffler standard clock; a set of direct-reading electrical thermometers reading to ot° Fahr., which are now being used for determining soil temperatures; a six inch Rowland grating with mountings and accessories by Brashear; a complete set of spectrum and Crooke's tubes by Geissler; mechanical models and apparatus from the Engineering Laboratory and the Instrument Company at Cambridge.

We hope in the course of the summer vacation to be able to make a complete catalogue of the apparatus, and to publish some such list as shall be of use to outside students and experimentalists who may wish to know what facilities our Laboratory may offer for any particular line of research."

Chemical Laboratories.

The existing Chemical Laboratories are three in number, and intended to accommodate from sixty to seventy students. They are supplied with the ordinary appliances for practical work, including balances, Laurent polariscope, spectroscopes, gas combustion and melting furnaces, apparatus for electrolytic work, for the determination of molecular weights, etc.

As the space is limited, students wishing to take laboratory classes must apply early for places.

Note.—The munificent gift lately announced by Mr. W. C. MacDonald will provide the University with extensive and completely equipped Chemical Laboratories of the most approved and modern type. The erection of the new Laboratory which will contain accommodation also for mining and metallurgical work, will be rapidly proceeded with.

Botanical Laboratories.

The Botanical Laboratories occupy the upper floor of the central Arts building.

The laboratory for general Morphology provides table accommodation for fifty students, and is equipped with all the necessary appliances for the practical study of plants, either fresh or dry.

In connection with this laboratory, a large collection of dried plants is maintained, from which material is drawn for practical study.

Each student is supplied with a dissecting microscope, which he is required to return in good order at the close of the session.

The laboratory for Advanced Anatomy at present affords accommodation for ten students. Each table is provided with a complete outfit of instruments and reagents. Provision is also made for accurate micrometic work, and for the production of accurate drawings by means of the camera lucida and Leitz's drawing instrument.

More special instruments, including polariscope, spectroscope and photographic apparatus, afford opportunities for detailed studies in these several directions. Section cutting is provided for by King and Thoma-Jung microtomes, together with all necessary appliances for embedding in accordance with the most recent methods.

Ample provision for material of all kinds is found in the resources of the botanic garden and in a large supply of stock preparations.

An investigator's table held by the University at the Biological Laboratory, Wood's Holl, Massachusetts, is available for such students as may successfully complete the advanced course of the third and fourth years.

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Botanic Garden.

The Botanic Garden occupies a commanding situation at the summit of the Cote des Neiges, distant from the College about one and one half miles. It covers about nine acres, one-third of which is at present laid out.

The planted area includes a large reserve garden in which plants are grown in quantity for purposes of class room instruction, and the section devoted to the Gamopetalæ. The section embracing the Polypetalæ is now in course of development.

The conservatories embrace a continuous series of houses having a total ground area of 4,600 square feet. They include a camellia house 20 x 60 feet; a mixed stove 20 x 80 feet; a greenhouse 20 x 60 feet; and an Australian house 20 x 30 feet.

The collection comprises an important and somewhat extensive representation of Australasian plants, and type-forms of vegetation from various parts of the world.

During the winter, material for practical study is provided in large quantity to meet the requirements of the College, and of such of the City schools as may have acquired special privileges in this respect.

Students are admitted to the garden and allowed the use of material for practical study, under special conditions. For this purpose, students' tickets are issued at the opening of the session to all those taking the course in Botany.

The public are admitted to the garden without charge, every day, except Sunday.

Petrographical Laboratory.

The Petrographical Laboratory containing the chief rock collections of the University is situated in the east wing of the Arts building, and is arranged for the use of Honour and Graduate students. It is provided with a number of petrographical microscopes by Seibert and Crouch, as well as with models, sets of thin sections, electro-magnets, heavy solutions, etc., for petrographical work.

For advanced work and petrographical investigation Dr. Adams' extensive private collection of rocks and thin sections is available for purposes of study and comparison.

Observatory.

Latitude, N. 45° 30' 17". Longitude, 4h, 54m, 18s. 65.

Height above sea level 187 ft.

METEOROLOGICAL OBSERVATIONS are made every fourth hour, beginning at 3 hom Eastern standard time; also at 8h om and 20h om. An independent series of bi-hourly temperature observations is also made. The principal instruments

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employed are two standard mercurial barometers; one Kew standard thermometer; two Pastorelli thermometers; one maximum thermometer; one minimum thermometer; one set of six self-recording thermometers, with controlling clock, battery, etc.; two anemometers; one wind vane (wind-mill pattern), one anemograph, with battery, etc.; one sunshine recorder; one rain-band spectroscope; and one rain gauge.

The Anemometer and Vane are on the summit of Mount Royal, at a point about three-quarters of a mile northwest of the Observatory. They are 57 feet above the surface of the ground and 810 feet above sea level.

Soil temperatures are observed, in co-operation with the Physical Laboratory, by means of platinum thermometers at depths ranging from one inch to nine feet.

THE ASTRONOMICAL EQUIPMENT consists of:—The Blackman Telescope (6½ in.); a photoheliograph (4½ in.); a 3¼ in. transit, with striding level, etc.; a prismatic (8 c.m.) transit instrument also arranged as a zenith telescope, a 2 in. transit in the prime vertical; two collimating telescopes; one sidereal clock; one mean time clock; one sidereal chronometer; one mean time chronometer; one chronograph; batteries, telegraph lines and sundry minor instruments.

Observations for clock errors are made on nearly every clear night. Time exchanges are regularly made with the Toronto Observatory. Time signals are distributed throughout the city by means of the noon time-ball, continuous clock signals and the fire alarm bells; and to the country, through the telegraph lines.

Observations of sun spots, for position and area, are made with the Blackman telescope and the photoheliograph.

The longitude of the Observatory was determined in 1892 by direct telegraphic connection with Greenwich and with exchange of observers and instruments. The position is believed to be the most accurately determined in America.

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Part Second.

The next session of this Faculty will begin on September 15th, 1896, and will extend to April 30th, 1897.

I. REGULATIONS FOR ENTRANCE.

Students in the Faculty of Arts are classified as Undergraduates or Partial Students.

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. Two examinations for entrance are held in each year, as follows:

(1) That held in the first week of June, concurrently with the examinations for Associate in Arts.

NOTE TO HEADS OF SCHOOLS.—Candidates for entrance may present themselves in June at McGill College; or papers may be sent to schools at a distance, if the following conditions are complied with.

- (a) The names of Deputy Examiners must be submitted for approval, to the Secretary of the University, on or before May 1st; and (b) the application must be accompanied by a list of candidates.
- (2) That held at the opening of the session, on September 15th, and following days, in McGill College alone.

The following regulations with regard to the First Year Entrance Examination are now in force:—

- 1. 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.
- 2. The Entrance Examinations for the First Year will be held wice only in the year, viz., on the days in June and September

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appointed in the Calendar. Special arrangements may be made for the examination of candidates who are prevented from complying with the above regulation by severe illness or domestic affliction.

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 have passed the examination are not matriculated until they have paid all the prescribed fees for the session and complied with the othe. University regulations. (See the Directions given, p. 38.)

First Year Entrance Examination.

For Passing only.

Examinations begin on June 1st in McGill College and local centres; on September 15th in McGill College only.

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

Ltin.—CÆSAR, Bell. Gall., Books I. and II.; and VIRGIL, Aeneid, Book I. Latin Grammar.

In June, 1897, and thereafter, the Examination will include, in both Latin and Greek, Translation at Sight and Prose Composition (sentences or easy narrative, based upon the prescribed prose text).

At the September, but not at the June, examination, other works, in Greek or Latin equivalent to those specified may be accepted, if application be made to the Professors of Classics at least a fortnight before the day of examination.

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. Grammar.—A paper on English Grammar, including Analysis. The candidate will be expected to show a good knowledge of Accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis, in which the nomenclature used by Mason will be preferred. The complete English Grammar published in Sonnenschein's Parallel Grammar Series may be regarded as giving the minimum amount of information expected. English History.—The candidates will be required to give the chief details of leading events, and to know the genealogy of the various royal lines. While any text-book written for the upper forms of schools may be used in preparation for the examination, Gardiner's Outline of English History (Longmans) is recommended. Composition.—The candidate will write a short essay on a subject given at the time of the examination.

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French. - Grammar up to the beginning of Syntax. An easy translation from French into English; along with this in 1897, and thereafter, the reproduction in French of an easy story told or read in French. Dictation.

Candidates unable to take French are not excluded, but will be required to join the class which begins the study of German after entrance. N.B .- This regulation will not be in force after 1896.

FOR CHANGES IN SUBJECTS OF EXAMINATION FOR 1897, SEE P. 62.

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

Candidates who fail in one or more subjects at the June examination, or who have taken part only of the 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.

At the June examination, candidates from Ontario may present an equivalent amount from the books prescribed for the Junior Matriculation Examination Candidates of the University of Toronto.

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.

In the case of 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.

Normal School Candidates

June

Higher Examination for First Class, Second Class and Passing.

This Examination will be held on September 15th and following days in McGill College only. The First Year Exhibitions will be awarded in accordance with the results.

Greek .- Homer, Iliad, Bk. IV. or VI.; XENOPHON, Anabasis, Bk. I. or V. Homer, Odyssey, Bk. VII. or XI.

Latin.—CICERO, in Catilinam, Orat. I. and II., or, HORACE, Odes, III. and IV. CÆSAR, Bell. Gall., Bks. I. and II. or V. and VI.; VIRGIL, Aeneid, Bk. I. or III.

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.

In June, 1897, and thereafter, the Examination will include Prose Composition and Translation at Sight in both Greek and Latin.

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

English.—Grammar.— An advanced knowledge of this subject will be required, and, in addition, some acquaintance with the historical development of English, as illustrated in common and important word-forms. The candidate is recommended to read MASON'S English Grammar.

FOR CHANGES IN SUBJECTS OF EXAMINATION FOR 1897, SEE P. 62.

The First Year Exhibitions will not be awarded unless an adequate standard of merit has been reached; but in awarding the Exhibitions of higher value to the successful candidates, the results of an examination in the following subjects will also be taken into account:—

- 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 Shakspere's plays. For 1896-Macbeth.
- 4. French: Syntax and translation from English into French, in addition to the entrance course.

For particulars concerning First Year Exhibitions, see p. 60.

Second Year Entrance Examination.

Candidates may qualify for entrance into the Second Year by passing one of the following examinations, namely: the First Year Sessional Examination, held in the previous April, or the Second Year Ordinary Entrance Examination, held in September, or the Second Year Exhibition Examination which is likewise held in September.

Second Year Ordinary Entrance Examination.

This examination begins September 15th, and is held at McGill College only.

Subjects :-

Greek.—Homer, Iliad, Book VI.; XENOPHON, Anabasis, Book I.
Grammar and Prose Composition.

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

Other works in Greek or Latin equivalent in amount to those specified may be accepted by the Professors of Classics, if application be made to them at least a fortnight before the day of examination.

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 Algebra).

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.

English.—The subjects are the same as those at present prescribed for the First Year Examination for Passing, but the examination is of a more advanced character.

French.—The Examination will be conducted on lines similar to those mentioned for the First Year, but a higher standard will be exacted, the minimum requirement being a knowledge sufficient to enable the Candidate to join the regular class.

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

[N.B.—Candidates unable to pass in French or German are not excluded, but are required to begin German, and to continue the study of that language for two years. Not in force after 1896. See p. 35.]

FOR CHANGES IN SUBJECTS OF EXAMINATION FOR 1897, SEE P. 62.

Medical Students.—Partial Students.—Students of other Universities.

Medical Students and Candidates for entrance into the first year of the Faculty of Medicine may pass in the above entrance examinations.

Partial Students—Candidates for admission as Partial Students may attend any class open to them, without previous examination, provided they give the Professor satisfactory evidence of their ability to proceed with the work of the course.

Students of other Universities may be admitted, on production of certificates, to a like standing in this University, after examination by the Faculty.

General Regulations.

Every student is expected to state at entrance the name of the religious denomination to which he belongs, and of the Minister under whose care he desires to be placed.

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Lists of the students belonging to the several denominations with the information thus given shall be sent, at the beginning of each session as soon as the classes are fully formed, to the Secretary's office, where they shall be available for reference.

Every student is required to sign the following

Declaration.

"I hereby declare that I will faithfully observe the statutes, rules and ordi"nances of this University of McGill College to the best of my ability."

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.

(b) To pass or to have passed the required examinations (p. 34). 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. Candidates must pay a fee of \$5 before admission to the entrance examination in September. (See Fees, p 56.)

(c) To procure tickets from the Registrar (p. 57), and to sign the declaration above given.

(d) To present their tickets to the Dean. (Fine, etc., for delay stated on p. 57.)

(e) To provide themselves with the Academic dress (p. 56.)

II. REGULATIONS FOR DEGREES IN ARTS.

REGULATIONS FOR THE DEGREE OF B.A.

After passing the First Year Matriculation Examination, an Undergraduate, in order to obtain the Degree of B.A., is required to attend regularly the appointed courses of lectures 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 must pass it before being allowed to proceed with his course. Undergraduates are arranged in Years, from First to Fourth, according to their academic standing.

1. Ordinary Course for the Degree of B.A.

N. B. The Roman numerals used in the following conspectus have no reference to any other parts of the Calendar—whereas the Arabic numerals refer to the numbering of the courses on pp. 4-32; for example, Greek, 2. refers to the second course given under the head of Classical Literature and History, p. 4.

First Year.

- I. GREEK, I.
- II. LATIN, I.
- III. ENGLISH LITERATURE, I.
- IV. FRENCH, I.
- V. GERMAN, I. (Optional-instead of IV.)
- VI. HEBREW, I. (Optional--instead of IV.)
- VII. MATHEMATICS, I.
- VIII. CHEMISTRY, I (Optional in 1896-97) (Medical Students may substitute one-half of the First Year Chemistry course of their Faculty.)

Second Year.

- IX. GREEK, 2.
- X. LATIN, 2.
- XI. FRENCH, 2.
- XII. GERMAN, 2. (Optional-instead of XI.)
- XIII. HEBREW, 2. (Optional-instead of XI.)
- XIV. MODERN HISTORY, I.
- XV. MENTAL AND MORAL PHILOSOPHY, I.
- XVII. MATHEMATICS, 2.
- XVIII. MATHEMATICAL PHYSICS, I. (Medical Students may substitute the second half of the Chemistry course of their Faculty for XV and XVIII.)
 - XIX. BOTANY, 1. (Medical Students may substitute the Botany course of their Faculty.)

Third Year.

- XX. GREEK, 3.
- XXI. LATIN, 3. (Optional-instead of XX.)
- XXII. MATHEMATICAL PHYSICS, 2.
- (In addition to the above, the Student will take one subject from Div. (a), a second from Div. (b), and a third from either.)

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Div. (a).

XXIII. GREEK, 3. (If XXI has been taken.)

XXIV. LATIN, 3. (If XX has been taken.)

XXV. ENGLISH AND RHETORIC, 3.

XXVI. MENTAL PHILOSOPHY 2.

XXVII. FRENCH, 3. (If IV and XI have been taken.)

XXVIII. GERMAN, 3. (If V and XII have been taken.)

XXIX. HEBREW, 3.

Div. (b).

XXX. OPTICS, 3. AND DESCRIPTIVE ASTRONOMY, 3 (Open to Students who have taken XXII.)

XXXI. EXPERIMENTAL PHYSICS, 4. (Open to Students who have taken XXII.)

XXXII. LABORATORY COURSE IN PHYSICS, 6.

XXXIII. BOTANY, 2a.

XXXIV. ZOOLOGY, 1. Physiology and Histology, or Anatomy and Practical Anatomy, may, by Medical Students only, be substituted for two courses of this Division.

Fourth Year.

XXXV. GREEK, 4.

XXXVI. LATIN, 4 (Optional-instead of XXXV.)

XXXVII. MORAL PHILOSOPHY, 3.

XXXVIII. MATHEMATICAL PHYSICS, 2. (Optional instead of XLV.)
In addition, the Student will take one subject from Div. (a),
a second from Div. (b), and a third from either.

Div. (a).

XXXIX GREEK, 4. (If XXXVI has been taken.)

XL. LATIN, 4 (If XXXV has been taken.)

XLI. ENGLISH LITERATURE, 4.

XLII. FRENCH, 4 (If XXVII has been taken.)

XLIII. GERMAN, 4 (If XXVIII has been taken.)

XLIV. HEBREW, 4.

Div. (b).

XLV. ASTRONOMY, (4) AND OPTICS, 3. (If XXII has been taken.)

XLVI. EXPERIMENTAL PHYSICS, 5.

XLVII. LABORATORY COURSE IN PHYSICS, 7.

XLVIII. BOTANY, 2b.

XLIX. MINERALOGY AND GEOLOGY, I.

N.B.—Students claiming exemptions cannot count XLV and XLV1 as subjects for the B. A. Examination, unless they have taken XXII.

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unders capacity : tion of th no distin graduates For details of each subject, see Courses of Lectures, pp. 4,—23. A Candidate who seeks to obtain a B.A. Ordinary Degree of the First Class must fulfil the following conditions. He must not only obtain the required aggregate of marks (viz., three fourths of the maximum), but he must also obtain First Class standing in three of the departments, and not less than Second Class in the remainder.

Declaration.

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."

Notes on the Ordinary Course for B. A.

Additional Courses.

Third and Fourth Year Students are not restricted to the choice of two distinct subjects in one of the above divisions. They may select one subject only, together with an ADDITIONAL COURSE in the same subject, or in any other of the subjects which they have chosen, in which such Additional Course may be provided by the Faculty; the above rules, however, must be complied with, and Students must have been placed in the First Class in the corresponding subject at the preceding Sessional Examinations, viz.:—Intermediate or Third Year, according to standing.

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

(For details of Additional courses provided, see p. 43.)

French and German.

Undergraduates are required to study either French or German for the first two years,—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 throughout the following Session the language in which he has failed.

Students may take Hebrew instead of French or German.

Hebrew.

For arrangements enabling Students in Medicine or Applied Science to take the course in Arts also, and obtain B.A., with B. Ap. Sc. or M.D., in six years, see p. 50.

Professional Students.

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 at these Lectures; but no distinction shall in consequence be made between the examination of Undergraduates and of those regularly attending Lectures.

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2. Honour Courses.

Honours of First, Second or Third Rank will be awarded to successful candidates, in any Honour Course established by the Faculty, provided they have passed creditably the ordinary Examinations in all the subjects proper to their year.

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

Candidates for Honours in the Second Year.

Honour Exemptions. A Candidate for Honours in the Second Year, who has obtained Honours in the First Year, may claim exemption from the lectures and examinations in Modern Languages, or Hebrew, or Botany. He must, however, inform the Dean at the beginning of the Session that he intends to claim exemption from a particular course.

Candidates for Honours in the Third Year.

A 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 nct, First Class at the Ordinary Sessional Examinations in the subject in which he proposes to compete for Honours, and stand higher than Third Class in the majority of the remaining subjects; such Candidate shall be entitled in the Third Year to exemption from lectures and examinations in any one of the subjects of the Year (see pp. 39, 40) 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 Undergraduate.

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. A candidate, however, who at the B.A. Examinations obtains Third Rank Honours, will not be allowed credit for these exemptions at the end of the Session, unless the Examiners certify that his knowledge of the whole Honour Course 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 depart-

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ments 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 pp. 39-40.

Honour and Additional Courses.

(N.B.—The numbers which stand after the Academic years refer to the corresponding numbers of the courses given on pp. 4-23.)

1. Classical Literature and History.

THIRD YEAR HONOURS. Greek, 5. Latin, 5.

FOURTH YEAR HONOURS. Greek, 6. Latin, 6.

2. English Language and Literature.

THIRD YEAR HONOURS, 6, 8, 10, 12, 14.
THIRD YEAR ADDITIONAL, 6 or 10.
FOURTH YEAR HONOURS, 5, 7, 9, 11, 13, 15.
FOURTH YEAR ADDITIONAL, 7 or 11 or 15.

3. French.

THIRD YEAR HONOURS, 5. FOURTH YEAR HONOURS, 6.

4. German.

THIRD YEAR HONOURS, 5a and 6b.
THIRD YEAR ADDITIONAL, 5a.
FOURTH YEAR HONOURS, 6a and 6b.
FOURTH YEAR ADDITIONAL, 6a.

5. Semitic Languages.

THIRD YEAR HONOURS, 5a and 5b.
THIRD YEAR ADDITIONAL, 5b without Literature.
FOURTH YEAR HONOURS, 6a and 6b.
FOURTH YEAR ADDITIONAL, 6b without Literature.

6. History.

THIRD AND FOURTH YEAR HONOURS, 2, 5.

7. Mental and Moral Philosophy.

THIRD YEAR HONOURS, 4. FOURTH YEAR HONOURS, 5, 6.

8. Mathematics and Physics.

FIRST YEAR HONOURS, 5.
SECOND YEAR HONOURS, 6.
THIRD YEAR HONOURS, 7, 8.
FOURTH YEAR HONOURS, 8, 9, 10, 11.

9. Mineralogy.

THIRD YEAR HONOURS, 8, 10. FOURTH YEAR HONOURS, 9.

10. Chemistry.

THIRD YEAR ADDITIONAL, 3, 5.

FOURTH YEAR ADDITIONAL, 4, 6,

Courses 2 (Second Year) and 7 (Fourth Year) and optional.

11. Zoology.

FOURTH YEAR ADDITIONAL, 4.

12. Geology.

FOURTH YEAR HONOURS, 2, 3, 4, 5. 6.

NOTE.—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. Regulations for the Degree of M.A.

- 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 thes is 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, which date must not be less than two months before the Candidate proceeds to the Degree.

N.B.—The last day in the session of 1895-97 for sending in Theses for M.A. will be Jan. 30th, 1897.

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Examinations.

- 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.-LATIN, GREEK, HEBREW.

Group B .- FRENCH, GERMAN, ENGLISH.

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

Group A.—Pure Mathematics (Advanced or Ordinary).
MECHANICS (including Hydrostatics), ASTRONOMY, OPTICS.

Group B.—Geology and Mineralogy, Botany, Zoology, Chemistry.

Group C.-Mental Philosophy, Moral Philosophy, Logic, History of Philosophy.

- (c) Every candidate in Literature is required to select for Examination two subjects out of one group in the *Literature* section, and one out of the other group in the same section. Every Candidate in Science is required to select two out of the three groups in the *Science* section; and in one of the groups so chosen to select for Examination two subjects, and in the other group one subject.
- (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 p. 56 (In case of failure, the candidate may present himself in a subsequent year without further payment of fees.)

Note.—Candidates who obtained the degree of B.A. before 1884, may proceed to the degree of M.A. under the regulations in force previous to 1884.

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, French, German, History, Mental and Moral Philosophy, Chemistry, Botany, Geology and Mineralogy.

4. Regulations for the Degree of LL.D.

This degree is intended as a 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. A very wide range of choice is allowed in order to suit individual tastes.

The following are the regulations:-

1. 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 previously approved by the Faculty, possessing such a degree of Literary or Scientific merit, and giving evidence of such originality of thought or extent of research as shall, in the opinion of the Faculty, justify recommendation for that degree.

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

2. 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 in which he shall be examined, unless otherwise ordered by vote of the Faculty. For fees, see p. 56.

5. Examinations.

(A) College Examinations.

For Students of McGill College only.

1. There are two examinations in each year, viz., at Christmas and in April. Successful students are arranged in three classes in each College year.

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In the Fourth Year only, there is no Sessional Examination; the University Examination for B.A. takes its place.

- 2. Students who fail in any subject at the Christmas Examinations are required, if permission be obtained from the Faculty, to pass a Supplemental Examination on that subject before admission to the Sessional Examinations.
- 3. Undergraduates who fail in one subject at the Sessional Examinations of the First or of the Second Year are required to pass a Supplemental Examination therein. Should they fail in this, they must in the following Session attend the Lectures and pass the Examination in it, in addition to the regular course, or pass the Examination only, without attending Lectures, at the discretion of the Faculty.
- 4. Failure in two or more subjects at the Sessional Examinations of the First or of the Second Year, 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 following 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.

(B) 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 on p. 34.
- 2. In the Intermediate Examination, the subjects are Classics, Pure Mathematics, Logic, and Modern History or English Literature, with one Modern Language, or Botany. Students are allowed to take Hebrew instead of a Modern Language. The subjects of the examination in 1897 are as follows:—

Intermediate.

- Greek.—Thucydides (Moore's Easy Selections, Longmans); Sophocles, Ajax. Prose Composition and Translation at sight of Greek (easy narrative) into English. General questions will also be set,—in. History, on the Period of Athenian Supremacy (Cox's Athenian Empire, Longmans' Epochs of Ancient History), and in Literature on the outlines as contained in Jebb's Primer of Greek Literature (Macmillan).
- Latin.—Cicero, Second Philippic; Virgil, Aeneid, Book IX. Latin Prose Composition and Translation at Sight of Latin into English; History, from the Tribunate of Gaius Gracchus to the Battle of Actium (Shuckburgh's History of Rome, Macmillan); Literature: Wilkins Primer (Macmillan).
- 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.—(For affiliated colleges).—SPALDING'S History of English Literature.

 Lodge's History of Modern Europe, 1789-1878. Essay on a subject to be given at the time of the Examination.
- European History.—(For McGill College Students) as on p. 14.
 With one of the following:—
- Botany.—Structural and Systematic Botany, as in GRAY's Text-Book, with descriptive analysis of plants.
- French.—Sandeau, Mile. de la Seiglière. Halévy, L'Abbé Constantin. Mérimée, Carmen. Contanseau:—Précis de la Littérature française from the beginning to the XVIIIth century. Translation into French:—Rasselas. Grammatical questions.
- German.—VANDERSMISSEN AND FRASER, German Grammar; JOYNES, German Reader; FREYTAG, Die Journalisten; UHLAND, Ballads and Romances (Macmillan's Foreign School Classics) JENSEN, Die braune Erica. Translation at Sight; Dictation; Colloquial exercises.
- Hebrew.—Genesis—chap. IV. to VIII. Exodus—XV. 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 appointed are the obligatory subjects of the Third and Fourth Years,

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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 in the Third and Fourth Years. (See pp. 39-40.)

The subjects in detail for 1897 are as follows:-

Final.

- Greek.—Plutarch, Life of Demosthenes; Aeschylus, Persae; Aristo-Phanes, Plutus. Composition and Translation at Sight; General Paper on History, Literature and Antiquities.
- Latin.—Tacitus, Histories, Book I; HORACE, Selected Satires and Epistles;

 JUVENAL, Selected Satires. (Composition and Translation at Sight;

 General Paper on History, Literature and Antiquities.
- Mathematical Physics.—Mechanics and Hydrostatics, as in LONEY'S Mechanics and Hydrostatics; or Optics and Astronomy, as in Galbraith and Haughton, or Brinkley.
- Mental and Moral Philosophy.-MURRAY'S Introduction to Ethics.
- Natural Science.—(a) Mineralogy and Geology, or (b) Botany.

 Practical Geology and Palæontology (Additional); or Practical Chemistry (Additional).
- Experimental Physics.—Electricity and Magnetism. (See courses of Lectures, p. 19.)
- History.—(For affiliated Colleges.) MYERS, Mediæval and Modern History;

 BRYCE, Holy Roman Empire (omit Chaps. 6, 8, 9, 13, and Supplementary Chapter).
- English Literature.—(for McGill College.) The Course on English Literature for the Fourth Year, p. 8.
- French. The Course on French for the Fourth Year, p. 11.
- German .- The Course on German for the Fourth Year, p 12.
- Hebrew.—Job, Chap. I. to VI.; MALACHI; PSALMS XLI. to XLV.

 GESENIUS, Grammar; HARPER, Elements of Syntax; Reading of the Masoretic notes, the Septuagint Version and the Vulgate.

 Translation at Sight.

 N.B.—For Additional Courses on above subjects see pp. 43-44.

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6. Exemptions for Students in Professional Faculties.

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Students of the Third and Fourth Years, matriculated in the Faculties of Law, or Medicine, or Applied Science 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 p. 52.)

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.

Medicine,

Students registered in the Faculty of Medicine are allowed the following additional privileges:—

In the First and Second Years in Arts, they may substitute certain equivalents for parts of the Ordinary Course. (See p. 39.)

In the Third Year in Arts, they may, if following the full course of the First Year in Medicine, take Physiology and Histology with practical work therein, of Anatomy and Practical Anatomy, as two of the courses under the heading or Science in the Ordinary Course.

Medical Students who have completed the Third Year in Arts and First Year in Medicine are required in the Fourth Year in Arts to take two only of the subjects of the Ordinary Course (or one subject with the Additional Course therein). These subjects must be either in Languages or Literature. Medical Students are recommended to continue in the Third and Fourth Years of the Arts Course subjects they have taken in the First and Second Years.

To secure these privileges, certificates of registration in the Medical Faculty must be presented at the beginning of each year to the Dean of the Faculty of Arts; and at the end of each session in the first two years, certificates of attendance on lectures and of passing the corresponding examinations must also be presented. At the end of the Third and Fourth Years, certificates must be presented to show that the full curriculum of the Medical Faculty for the year has been completed.

Applied Science. Students in the Faculty of Applied Science, who have passed the first two years in Arts, are allowed, while pursuing the course in Applied Science, to substitute certain courses in Applied Science for the corresponding courses in Arts, and to distribute the work of the Third and Fourth Years in Arts over three years, so that they may be enabled to take the B.A. Degree at the end of the Fifth Year from entrance. For the details, application may be made to the Dean of the Faculty of Arts. Certificates of attendance, etc., in Applied Science will be required.

The above arrangements will enable candidates for the M.D. or B.A. Sc. degrees to pursue the course in Arts also, leading to the B.A. degree, and complete both courses in six years.

Literate in Arts.—A certificate of "LITERATE IN ARTS" will be given along with the professional degree in Medicine or Applied Science, to those who have completed two years study in the Faculty of Arts, and have passed the prescribed examinations.

Students of the University attending Affiliated Theological Colleges.

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

 Colleges.
- 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.

7. Medals, Prizes, Classing and Certificates.

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 Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakspere Gold Medal, for the English Language, Literature and European History.

The Logan Gold Medal, for Geology, Mineralogy and Palæontology.

The 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 subjects below.

- 2. Special Certificates will be given to those Candidates for B.A. who 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 p. 50) can be placed in the First Class unless he has obtained First Class in four of the departments in which he has been examined, and has no Third Class.
- 3. 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.
- 4. Prizes or Certificates will be given to those Undergraduates who have distinguished themselves in the studies of a particular class, and have attended all the other classes proper to their year.
- 5. His Excellency the Earl of Aberdeen has been pleased to offer a Gold Medal for the study of Modern Languages and Literature, with European 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 Honour Course for the Shakspere Medal. Information concerning the History may be obtained from the Professor of 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 d serving 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.

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- (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 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 substitutions 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) MATHEMATICS, MECHANICS, HYDROSTATICS, OPTICS, ASTRONOMY; (c) MORAL PHILOSOPILY; and any two of the following subjects, or any one of them with its Additional Course; (d) GEOLOGY, etc.; (e) EXPERIMENTAL PHYSICS; (f) ENGLISH; (g) 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.
- 6. The Neil Stewart Prize of \$18 is open to all Undergraduates and Graduates of this University, and also to Graduates of any other University, who are students of Theology in some College affiliated to this University. The rules which govern the award of this prize are as follows:—
- (1) The Candidate must pass, in the First Class, a thorough examination upon the following subjects: Hebrew Grammar; reading and translation at sight from the Pentateuch, and from 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, 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.

7. Early English Text Society's Prize.—This 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 Havelok the Dane (Early English Text Society, ed. Skeat).
- 8. New Shakspere Society's Prize.—This Prize, the annual gift of the New Shakspere Society, open to Graduates and Undergraduates, will be awarded for a critical knowledge of the following plays of Shakspere:—

Hamlet; Macbeth; Othello; King Lear.

- 9. 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 Undergraduates (men or women) from the Maritime Provinces, Nova Scotia, New Brunswick and Prince Edward Island. In April, 1897, 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.
- 10. Science Scholarships Granted by Her Majesty's Commission for the Exhibition of 1851.—These scholarships of the value of £150 a year 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."

Three nominations to these scholarships have already been placed by the Commissioners 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

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less than three years standing in the Faculty of Arts or of Applied Science, and are tenable at any University or at any other Institution approved by the Commission.

11. 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.

8. Partial Students.

As will be seen from the announcement in Part First, pp. 4-23, the courses of lectures to which Partial Students are admitted are such as are likely to prove attractive to those who have limited time at their disposal, and wish to enjoy the advantages of that higher instruction which the University offers to all qualified persons.

For conditions of Entrance see p. 37.

9. Attendance and Conduct.

All students shall be subject to the following regulations:-

- 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 Classbook shall be submitted to the Faculty at all their ordinary meetings during the Session.
- 2. Each Professor shall call the roll at the beginning of the lecture. Credit for attendance on any lecture may be refused on the grounds of lateness, inattention, 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 shall, after admonition by the Professor, 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 from 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

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admonish the student, and, if necessary, report him to the Dean. Without as well as within the walls of the College, every student is required to maintain a good moral character.

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- 5. 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 honours, suspend from classes, or report to the Corporation for expulsion.
- 6. Any student who does not report his residence on or before November 1st in each year is liable to a fine of one dollar.
- 7. 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.
- 8. 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,

[N.B.—All students are required to appear in Academic dress while in or about the College buildings.

At a meeting of the Corporation in April, 1895, it was agreed to request all members of the University to appear in Academic dress at University receptions, Conversaziones, etc

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.]

III. FEES.

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

I. Undergraduates.—\$37 per session.

Every candidate for the September Matriculation Examination in any Faculty, must pay a fee of \$5 before admission to the examination. This will be reckoned as part of the regular fees if he pass, but will not be returned in case of failure.

Matriculation fee for entrance into the Second Year, \$10. (Exigible from those who have failed in the First Year, and re-enter in the Second Year on examination.)

2. Partial Students. -- \$8 per session for one course of lectures, including the use of the Library; \$4 per session for each additional course.

Partial Students are also required to pay \$2 yearly for "Athletics and the care of the College grounds," unless they state in writing to the Dean their intention not to use the grounds.

Partial Students taking the full curriculum in any one year pay the same fees as Undergraduates in that year.

N.B.—Every student is required to deposit with the Secretary of the University the sum of \$3 as caution money for damage done to furniture or apparatus, etc.

Special Fees

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Special Lees.	
LABORATORY AND PRACTICAL CLASSES, VIZ., CHEMISTRY, BOTANY, PHYSIC	
each per session (optional) \$10	
No student will be admitted to any Laboratory and Practical Classes excon presentation of his ticket to the Professor.	ept
[A change in the fees for Chemistry and Physics is under consideration.]	
ELOCUTION (optional) 3	00
Petrography (optional)5	00
GYMNASIUM (for partial students), optional 2	50
SUPPLEMENTAL EXAMINATION, at the regular date fixed by the Faculty 2	00
SUPPLEMENTAL EXAMINATION, when granted at any other time than	
the regular date fixed by the Faculty 5	co
FEE FOR A CERTIFICATE OF STANDING, if granted to a student on	14
application I	00
FEE FOR A CERTIFICATE OF STANDING, if accompanied by a statement	
of classification in the several subjects of examination 2	00
EXAMINATION FEE for Students of Affiliated Theological Colleges who present themselves for the entrance examination without intend-	
ing to become Undergraduates	00
MATRICULATION CERTIFICATE for Students intending to enter the	
Medical Faculty 2	50
Special fees are additional to the regular fees paid by Undergraduates	or
Partial Students, but are payable only for the optional classes or objection named above.	
N.B.—The lectures in one subject in any one of the four college years con	ısti-
tute a " Course."	
All fees for Supplemental Examinations must be paid in the Secretary's offi	ice.
and the tickets shown to the Dean before the Examination.	

and the tickets shown to the Dean before the Examination.

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 \$2.

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

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

> FEE FOR THE DEGREE OF M.A..... \$10.00* LL.D.... 50.00*

^{*} 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's Degree, on or before the date of application for the Degree.

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.

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

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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 \$2.50 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."

IV SCHOLARSHIPS AND EXHIBITIONS. General Regulations.

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

Scholarships.

- 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.—MATHEMATICS—Differential and Integral Calculus; Analytic Geometry; Plane and Spherical Trigonometry; Higher Algebra and Theory of Equations; NATURAL SCIENCE—Botany; Chemistry; Logic. (For subdivision, see below.)

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

Exhibi-

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 :-

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First Year Exhibitions.—CLASSICS, MATHEMATICS, ENGLISH.

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

- 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 candidates who have obtained the highest marks. An adequate standard of merit will be required.
- 8. If in any College Year there be not a sufficient number of candidates showing adequate merit, any one or more of the Exhibitions or Scholarships offered for competition may be given 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.

Exhibitions and Scholarships Offered for Competition at the Opening of the Session, Sept., 1896.

N.B.—THREE OF THE EXHIBITIONS ARE OPEN TO WOMEN (TWO OF THESE TO WOMEN ALONE, EITHER IN THE FIRST OR SECOND YEAR.)

To Students entering the First Year, two Exhibitions of \$125, one of \$120, one of \$100, and one of \$90.

These Exhibitions are awarded in accordance with the results of the Higher Entrance Examination for the First Year, provided an adequate standard of merit has been reached.

For subjects of Examination see under p. 35.

To Students entering the Second Year, two Exhibitions of \$125 one of \$100, and one of \$120. (See also N.B. above.)

Subjects of Greek.—Xenophon, Hellenics, I. and II.; Demosthenes, Olynthiacs, I. Examina and II.; Euripides, Alcestis.

Latin.-VIRGIL, Georgics, Bk. I.; HORACE, Odes, Bk. I.; LIVY, Bk. XXII.

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.—Myers' Ancient History, Abbott's Arnold's Greek Prose Composition, Latin Frose through English Idiom (Abbott).

Mathematics.—Euclid (six books); Algebra (HALL and KNIGHT'S Advanced); McDowell's Exercises in Modern Geometry; Theory of Equations (in part); Trigonometry (first four chapters, GALBRAITH and HAUGHTON).

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English Literature.—MASON'S Grammar. SHAKSPERE, As You Like It. Trench, Study of Words.

Chemistry.—Roscoe, 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 (VANDERSMISSEN, Accidence and Syntax) and Composition; GRIMM, Kinder und Hausmærchen (Vandersmissen's edition); SCHILLER, Der Neffe als Onkel, Der Gang nach dem Eisenhammer. Translation from English into German.

FOR CHANGES IN SUBJECTS OF EXAMINATION FOR 1897, SEE P. 62.

No Candidate who has been placed in the Third Class in more than one subject can be awarded a Second Year Exhibition.

To Students entering the Third Year, two Scholarships of \$125, one of \$120, and one of \$110, tenable for two years.

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

I. Mathematics. — Differential Calculus (WILLIAMSON, Chaps. 1, 2, 3, 4, 7, Subjects of 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, Conic Sections, subjects of Chaps. 1-13 [omitting Chap. 8], with part of Chap. 14), Lock, Higher Trigonometry; McLELLAND and PRESTON, Spherical Trigonometry, Part I. SALMON, Modern Higher Algebra (first four chapters). TODHUNTER or BURNSIDE and PANTON, Theory of Equations (selected course).

Examina-

tion.

Logic, as in JEVONS' Elementary Lessons in Logic.

2. Natural Science.—Botany, as in Gray's Structural and Systematic Botany. Canadian Botany, including a practical acquaintance with the Spermaphytes, Pteridophytes and Bryophytes, CHEMISTRY, as in Roscoe's Lessons in Elementary Chemistry, Logic, as in Jevons' Elementary Lessons on Logic.

Two Scholarships are offered in Classics and Modern Languages, as follows:

Greek .- PLATO, Apology and Crito; XENOPHON, Memorabilia, Book I.; THUCYDIDES, Book VI.

Latin .- Horace, Epistles, Book I.; LIVY, Books XXI., XXII.; VIRGIL, Subjects of Georgics, Book II.; SALLUST, Catiline; CICERO, Select Letters (Pritchard Examinaand Bernard, Clarendon Press Series).

Greek and Latin Prose Composition, and Translation at Sight.

Ancient History .- Text . Books .- SMITH, Student's Greece; MOMMSEN, Rome (abridged).

English Language and Literature.—Spalding, English Literature (Chap. VI. Part III., to end of book); SHAKSPERE, Tempest; MIL-TON, 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.

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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 and Composition; Translation from English into German; Dictation.

Changes for Entrance, Exhibitions and Scholarships, Sept., 1897.

First Year Entrance

English.—In September, 1897, and until further notice, English Literature will be added to the subjects mentioned on p. 34. The works selected for 1897 are Shakspere's Richard II, ed. Deighton (Macmillan) and Scott's Lady of the Lake, ed. Stuart (Macmillan).

German.—(For men). The Entrance Examination in German in 1897 will include the first eighty pages of JOYNES' German Reader (or equivalent amount) together with German Accidence and translation into German as in the First part of VANDERSMISSEN'S German Grammar (or equivalent amount).

First Year Higher Entrance

Greek.—Homer, Iliad, Bk. IV. or I.; Xenophon, Anabasis, Bk.I.; Homer, Odyssey, Bk. VII. or XI.

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

English.—In September, 1897, and until further notice, English Literature will become a subject of examination, in addition to the Grammar at present prescribed. The works to be read are those selected for the First Year Examination for Passing, with the addition of MILTON'S L'Allegro and other short poems, ed. Bell (Macmillan). Composition.—In and after September, 1897, the candidate will be required to write an essay on some subject connected with the literature prescribed. History.—In and after September, 1897, a paper bearing on the chief landmarks in European History will be set. Attention should be given to great movements of thought, and to the courses and results of important wars. LAVISSES General View of the Political History of Europe (Longmans) will serve to indicate the character of the knowledge required. Grammar.—The candidate will be expected to supplement Mason's Grammar by using MORRIS'S Historical Outlines of English Accidence (Macmillan), as a book of reference.

In determining the award of Exhibitions of higher value, the Supplementary Examination on one of Shakspeare's plays will be replaced, in Sept., 1897 and until further notice, by an examination on HENRY MORLEY'S First Sketch of English Literature, chaps. VII and VIII.

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French.—Grammar.—Syntax, in addition to the grammar of the Entrance Course. Easy translation from French into English, and English into French.

Second Year Entrance

Greek.—Xenophon, Hellenics, I. and II.; Demosthenes, Olynthiacs, I. and II.; Euripides, Alcestis.

Latin.—VIRGIL, Georgics, Bk. I.; HORACE, Odes, Bk. I.; LIVY, Bk. XXII.

In 1897, the subjects will include in **Greek** (Easy Selections from XENOPHON, (Phillpotts and Jerram, Clarendon Press) and Latin, Livy, Bk. I. Passages will also be set for Translation at Sight.

English .- In Sept , 1897, and until further notice, the subjects will be the same as those prescribed for the First Year Higher Examination of the same year, exclusive of the selected portion of MORLEY'S First Sketch.

English and Modern History .- In Sept., 1897, and until further notice, an examination will be held on the following works: Language, TRENCH, Study of Words. Literature, SPENSER, Faerie Queene, Bk. I. ed. Percival (Macmillan); TENNYSON, Selections from Tennyson, ed. Rowe and Webb (Macmillan). History-Church, The beginning of the Middle Ages (Epochs of Modern History, Longmans'). English Composition—The candidate will be required to write an essay on some subject connected with the literature or history prescribed.

Second Year Exhibitions

German.—For 1897, add GOETHE, Hermann and Dorothea, to the subjects Third Year given on p. 60.

Scholarships

English and History.- In September, 1897, and until further notice, an examination will be held on the following works: Literature-SHAKSPERE, Tempest, ed. Deighton, Macmillan; MILTON, Paradise Lost, Bks I and II (Macmillan); LAMB, Essays of Elia, ed. Hallward and Hill (Macmillan). History, MYERS, Mediæval and l'odern History (Ginn), Part I. English Composition.—The candidate will be required to write an essay on some subject connected with the literature or history prescribed.

French.-Paul Bourget, Un Saint. F. COPPÉE, La Grève des Forgerons. V. Hugo, Le Roi s'amuse. Dictation; Oral Examinations. Th. GAU-TIER, Le Capitaine Fracasse. J. MACÉ, Histoire d'une Bouchée de Pain. Oral Examinations; Dictation.

German .- For 1897 substitute IMMERMANN, der Oberhof (Wagner, Pitt Press); and GOETHE, Iphigenie, for GOETHE, Torquato Tasso.

Exemption from Tuition fees under Presentation Scholarships, etc.

These exemptions will be granted in September, 1896, under the regulations specified in the Calendar of 1895-96, p. 26. In accordance with a recent resolution of the Board of Governors, they will not be granted in subsequent years.

V. GENERAL INFORMATION FOR STUDENTS. 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.

For notice of McGill Students' Club, see "University Societies."

Special Course for Women

IN THE FACULTY OF ARTS.

DONALDA ENDOWMENT.

Professors and Lecturers (as on page 3). Lady Superintendent, MISS HELEN GAIRDNER.

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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, 1896, a Scholarship, value \$125 yearly (tenable for two years), will be offered for competition in Mathematics to Students of the Third Year. Another of the same value will be offered in September, 1897, also. 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, 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 Subjects see pp. 35 and 60. 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 on pp. 35 and 37, the course in that which is to be substituted for Greek in the Exhibition Examination will be:—

For First Year :-

- French: Grammar. DAREY, Principes de Grammaire française. La Fon-TAINE, Fables. MOLIÈRE, Le Bourgeois Gentilhomme. SANDEAU, Mlle de la Seiglière. Translation from English into French.
- or German:—German Grammar and Composition; Theodor Storm, Immensee and von Hillern, Höher als die Kirche (both published by Heath & Co.). Schiller, Der Gang nach dem Eisenhammer, Das Lied von der Glocke; Stifter, Haidedorf (Heath & Co.); Translation at Sight. Translation from English into German.

N.B.-In and after 1897, add GOETHE-Götz von Berlichingen.

For Second Year :-

- French: -Eugène Voizard, Essais de Montagne. Lamartine, Jeanne d'Arc. Corneille, Cinna.
- or German:—Schiller, Der Neffe als Onkel, Egmont's Leben und Tod, Der Geisterseher, Die Kraniche des Ibykus. Translation at Signt; German Grammar and Composition; Translation of French and English into German.

N.B.—In and after 1897, add GOETHE, Torquato Tasso.

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

In accordance with a recent resolution of the Board of Governors, no free tuition will be granted after September; 1896.

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

I. MATRICULATION AND ADMISSION.

Greek .- See p. 34.

Latin.-See p. 34.

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.—See p. 34.

English.-See p. 34.

French.-See p. 35.

German.—Joynes' German Reader, (or equivalent). German Grammar (First forty lessons of Vandersmissen's German Grammar, or equivalent).

For 1897, the whole of JOYNES' German Reader (or equivalent amount), the whole of Vandersmissen's German Grammar, Accidence and Syntax (or equivalent) including English German exercises. The amount of grammar contained in Sonnenschein's German Grammar (Parallel Grammar Series) would be regarded as an equivalent, if supplemented by exercises in translation into German.

Partial Students.—Candidates unable to pass in all the above subjects may be admitted as Partial Students, to the separate classes; they may in the First Year under certain conditions make good their standing as Undergraduates at the Christmas or Sessional Examinations.

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

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(In separate Classes.)

For all Subjects (except German) in all the Years, see p. 39.

The CHEMISTRY of the First year will be optional in 1896-97.

The first and second-year courses in German are as follows:—

- 1. Thomas, German Grammar; FREYTAG, Die Journalisten; Uhland, Ballads and Romances (Macmillan's Foreign School Classics). Heine, Die Harzreise.

 Two hours a week.
- 2. THOMAS, German Grammar; Lessing, Minna von Barnhelm; Schiller, Belagerung von Antwerpen; Goethe, Hermann and Dorothea. Two hours a week.

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 desiring 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 men, and must take the lectures with men.

Details will be found on pp. 43-44.

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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 which are the same as for men (see p. 56), 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. For regulations under which these may be granted in September, 1896, see last year's Calendar.

V. LODGINGS, &c.

Women not resident in Montreal, proposing to attend classes, and desiring to have information as to suitable lodgings, are 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 1896-97.

Botany :- Prof. Penhallow.

Zoology:-Dr. Deeks.

Geology:-Dr. Adams.

Experimental Physics:-Prof. Cox and Prof. Callendar.

Psychology and Logic :- Rev. Dr. Murray and Mr. Lafleur.

Mental Philosophy:-Rev. Dr. Murray and Mr. Lafleur.

Moral Philosophy :- Rev. Dr. Murray.

Rhetoric :- Mr. Lafleur.

English: -Prof. Moyse.

History:-Dr. Colby.

Latin and Greek*. French*. German*. Mathematics.* Mathematical Physics*.

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.

FACULTY OF ARTS, 1895-6.
*ORDINARY LECTURES IN THE DONALDA SPECIAL COURSE FOR WOMEN.

PEARS	Hours.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
	10	Greek.	† Mathema-	Greek.	†Mathematics.	
THIRD YEAR. SECOND YEAR. FIRST YEAR.	11	German.	English.	Latin.	English.	Greek.
	12	Latin.	1	Mathematics.		Latin.
	2	Mathematics.	French.		French.	Mathematics
	3				German,	
	9		1	Latin.		
EAR.	10	Mathematics.	† Math.	French.	Greek.	Latin,
ID YE	11	Botany.	Math. Phys.		† Mathematics.	German,
SECON	12	Logic.	Latin.	Botany.		† Mathematic
-	2	Greek.		Logic.		Logic.
	3	German.	Greek.	Mod. History.	French.	Mod. History
	9					
	10	English.	Greek, Exp. Physics.	Greek.	Greek, Exp. Physics.	French.
AR.	11	French.	Rhetoric.	Latin	Math. Physics.	Latin.
ED YE	12	Latin.	Zoology.		Zoology.	Math.Physic
THI	2		Botany.		German.	Botany
	3	Metaphysics.		Metaphysics.		
	4	German.				
-	9	Astronomy (a)	165 60 9	German.		Geology.
AR.	10	French Greek,	Exp. Physics.	Geology.	German, Exp. Physics.	French.
FOURTH YEAR.	11		Latin.	English Lit. Astronomy (a).	Greek, Math. Physics.	Latin.
OUR	12	Geology.	Moral Phil.	Moral Phil.	Moral Phil.	Math. Phys.
FO	2	773	Botany.			Botany.

(a) During First Term.

For Candidates for Honours.

N.B.—The hours in this table are subject to alteration during the Session.

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Faculty of Applied Science.

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FACULTY OF APPLIED SCIENCE.

WILLIAM PETERSON, M.A., LL.D., Principal.
HENRY T. BOVEY, M.A., D.C.L., LL.D., M.Inst. C.E., F.R.S.C., Dean of the Faculty.

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PROFESSORS.

- B. J. HARRINGTON, M.A., PH.D., F.R.S.C., Professor of Chemistry and Mineralogy.
- HENRY T. BOVEY, M.A., D.C.L., Professor of Civil Engineering and Applied Mechanics.
- C. H. McLeod, Ma.E., F.R.S.C., M.Can.Soc.C.E., Professor of Surveying and Geodesy, Lecturer in Descriptive Geometry, and Superintendent of the Observatory.
- G. H. CHANDLER, M.A., Professor of Applied Mathematics.
- C. A. CARUS-WILSON, M.A., A.M.Inst.C.E., M.Inst.E.E., Professor of Electrical Engineering.
- JOHN Cox, M.A., Professor of Physics.
- J. T. NICOLSON, B.Sc., M. Can.Soc.C.E., Professor of Mechanical Engineering, and Lecturer in Thermodynamics.
- H. L. CALLENDAR, M.A., F.R.S., Professor of Physics.
- Professor of Architecture.
- Professor of Mining.

ASSISTANT PROFESSORS AND LECTURERS.

- H. BAMFORD, M.Sc., Associate Professor of Hydraulics.
- CECIL B. SMITH, MA.E., M.Can. Soc.C.E., Assistant Professor of Civil Engineering.
- J. J. GUETT, B.A., Assistant Professor of Mechanical Engineering.
- R. S. LEA, MA.E., Asso.M.Can.Soc.C.E., Assistant Professor of Civil Engineering and Lecturer in Mathematics.
- NEVIL NORTON EVANS, M.A.Sc., Lecturer in Chemistry.
- J. G. G. KERRY, Ma.E., Asso.M.Can.Soc.C.E., Lecturer in Surveying and Descriptive Geometry.

....., Lecturer in Drawing.

DEMONSTRATORS.

- M. H. TORY, M.A., in Physics.
- F. H. PITCHER. B.A.Sc., in Physics.
- ALEXANDER BRODIE, B.A. Sc., in Practical Chemistry.
- L. HERDT, B.A.Sc., E.E., in Electrical Engineering.
- W. A. DUFF, B.A.Sc., in Mechanical Engineering.
- H. T. BARNES. M.A.Sc. in Physics.

With the foregoing are associated the following Professors and Lecturers of the Faculty of Arts.

CHARLES E. MOYSE, B.A., Professor of English Language and Literature.

D. P. PENHALLOW, M.A.Sc., F.R.S.C., Professor of Botany.

FRANK D. ADAMS, M.A.Sc., PH.D., F.G.S., Professor of Geology.

C. W. COLBY, B.A. PH.D., Professor of History.

L. R. GREGOR, B.A., Lecturer in German.

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M. INGRES, B.A., Lecturer in French Language and Literature.

W. E. DEEKS, B. A., M.D., Lecturer in Zoology.

REV. J. L. MORIN, M.A., Sessional Lecturer in French Language and Literature.

§ 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 Students who desire to pursue the profession of Architecture, or who 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.

Six distinct Departments of study are established, viz. :-

(1)—Architecture. (2)—Civil Engineering and Surveying. (3)—Electrical Engineering. (4)—Mechanical Engineering. (5)—Mining Engineering. (6)—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 on the University upon such undergraduates of the Faculty as shall fulfill 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 "Master of Applied Science." (§ IV.)

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

1	-	N		ن	NG.	NG.	AL NG.	NG.	7 .
		DESCRIPTION	.	ARCHITECTURE.	CIVIL	ELECTRICAL ENGINEERING	MECHANICAL ENGINEBRING,	MINING ENGINBERING	PRACTICAL CHEMISTRY.
	SUBJECTS.	CRIPT	.	RCHIT TURE.	CIVIL	NEE	HAI	NEE	NCT
		UN		T	GIS	GIP	GIP	M	RAHE
		DE		4	EN	EN	EN	EN	40
1	Chemistry	§ X11	., 9	2	2	2 1	2 (1)	2	2
	Descriptive Geometry English	"	16	o(a), 3(b)	o(a), 3(b)	6(a),3(b)	o(a), 3(b)	o(a),3(b)	o(a),3
	French or German	"	17	3	3	3	3	3	3
	Mathematics	"	15	10	10	10	10	10	10
	Mechanism	"	7	1	1	1	1	1	1
	Freehand Drawing Chemical Laboratory	3 XIII	5	3	3	3	3	3	3
	Mathematical Laboratory	" "	1	3 (b)	3 (b)	3 (b)	3 (b)	3 (b)	3 (
	Shopwork	§XV.		7	7	7	7	7	7
	Botany	3 XII.	9	_	_	_	=	7	14
	Descriptive Geometry	"	4	3	3	3	3	3	_
	French or German	"	17	2	2	2	2	2	2
	Kinematics of Machinery Mathematics	"	7 5	6	6	1 (b) 6	6	6	_
	Physics	"	14	2	2	2	2	2	2
	Surveying	66	3	3.	3		_	3	-
	Zoology*	"	13	1	3 6	-		3	-
	Physical Laboratory		. 3	3	3	3	3	3	-
	Shopwork	§ XV.	. 3	3	3	3 6	3	3	3
	Architecture & Arch. History.				1	1			
1	Decoration, Ornament, etc	66	9		-	-	-	6	1
	Descriptive Geometry	"	4	2	2	_	-	_	
1	Determinative Mineralogy	"	11		-		-	3	1 3
	Dynamics of Machinery	"	17		-	2	2	_	
	Electrical Engineering Geology and Mineralogy * *	**	6		3	1	_	4 to 5	4 to
	Mathematics	66	15	3	3	3	3	3	, .
	Machine Design and Exercises.	"	17			2	5	-	
THIRD YEAR.	Mining Physics	"	14		2	2	-	3 2	
•	Railroad Engineering	46	2		1	-	_	Opt.	
:	Surveying	"	3	3	3	-	-	3	
	Theory of Structures	"	13	3	3	3	3	3	
	Drawing and Designing		*3		9	3	3	3	
	Electrical Engineering Lab	§ XII				3 (b)			
	Mathematical Laboratory	"	1	3 (c)	3 (c)	3 (c)	. 3(c)	3 (c)	
	Physical Laboratory	"	3		3	$\begin{cases} 3 & (c) \\ 6 & (d,b) \end{cases}$	3	3	
	Testing Laboratory	§ XII.	2	7 (b)	7(b)	4 (b)	4 (b)	4 (b)	
_	Architecture & Arch, History		-		-	6	6	_	1
	Assaying	"	9		-	-	_	9	
	Chemistry	"	9		-	-	-	-	1
	Decoration, Ornament, etc Dynamics of Machinery		17		-	1(a) a(b)	1(a), 2(b)	1/23	١.
	Electrodyramics	1	.,		_	2	_	-	
	Electrical Engineering	"	6		-	1	1(b) opt.	-	
	Geology and Mineralogy *	"	3		2	-	-	-	
	Heating and Sanitation	2.6	11	100	100	-	-	3	
	Hydraulics	44	2		2	2	2	2	
	Machine Design	"	17		-	1	1	-	
	Municipal Engineering	1	8		1	=	=	1 2	
	Metallurgy	"	2		1	-	_	Opt.	
1	Theory of Structures		2	4	4	-	-	-	
	Thermodynamics Drawing and Designing	1	10		8	2	2	8	
	Electrical Engineering Lab	SXIII	. 6	100000	-	3	9_	_	
	Geodetic Laboratory	18 X 11	1. 7		3 .	-	-	-	
	Hydraulic Laboratory	16	8		3	3	3 ,	3_	
	Mechanical Laboratory	3 XIV	9	100	1 =	$\frac{3}{6}$	0	6	1
	Museum Work Physical Laboratory Testing Laboratory	XIII	. 3		Opt.	6	Opt.	6 Opt.	Opt
	Lesting Laboratory		4	6	6	-	I	3	
	Thermodynamic Laboratory Shopwork	8 XV	5	4	3	-	7	-	1
	Shopwork.								

⁽a) First term. (b) Second Term. (c) First half of First Term. (d) Second half of First Term.

* Besides work in the Museum.

** Also Saturday excursions, and Museum and Petrographical work.

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- CHARLES CONTROL	PRACTICAL CHEMISTRY.
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	2 14
5 t.	16 3 4 to 5
	3

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. (See § IV. IV.)

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 examination, and all Students must attend punctually at 9 a.m. on Monday, September 21st, when the lectures will begin.

Examinations for entrance will be held in 1896 (1) on June 1st and following days, in McGill College and at local centres, and (2) on Wednesday, September 16th, 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

will be held at the same time as the other examinations, embracing:—

Easy Translation and Grammar to the beginning of Syntax.

In 1896 and 1897, the German may be taken without previous examination, but in June and September, 1898, and subsequently, an examination will be required in:—

Joynes' German Reader—the first eighty pages (or equivalent); German accidence and translation into German as in the first part of Van der Smissen's Grammar (or equivalent).

Caudidates who, in addition to the ordinary matriculation examination in English, pass an examination in the advanced portions of the English Language and Composition, may, on the recommendation of the examiner, be exempted from this subject in this Faculty.

Candidates who pass a satisfactory examination in French or German may, on the recommendation of the examiner, be exempted from such subject in this Faculty.

Candidates who pass an examination at entrance in Freehand Drawing, equivalent to the First Year examination, may, on the recommendation of the examiner, be exempted from this subject in the First Year.

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.

I. FACULTY EXAMINATIONS.

There will be a Christmas examination for Students of the First Year in all the subjects, and for Students of the other years in such subjects as shall be determined by the Faculty. A sessional examination in all the subjects will be held at the end of the First and Second Years.

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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.)

IV. SPECIAL PROVISIONS FOR OBTAINING THE TWO DEGREES OF BACHELOR OF ARTS AND BACHELOR OF APPLIED SCIENCE IN SIX YEARS.

The Regulations heretofore in force have been modified so as to enable Students to take the two degrees of B.A. and B.A.Sc. in six years, as follows:—

- 1. Students who have passed the Intermediate in Arts may enter the First Year of the Applied Science Course, and will be exempted from the modern languages which they have already taken in Arts.
- 2. The remaining subjects required for the B.A. degree may be spread over three years instead of two.
- 3. The Faculty of Arts will accept the Mathematical Physics of the Applied Science Course in lieu of the Mathematical Physics of the Arts Course.

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4. The Faculty of Arts will accept the Laboratory Work in Physics in lieu of the Natural Science of the Arts Course.

A certificate of Licentiate in Arts will be given along with the professional degree in Applied Science to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed the prescribed examinations therein, but who do not wish to proceed to the degree of B.A.

§ 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.

Students are strongly recommended to take a Graduate Course, and special arrangements will be made for advanced and research work in the following:—

In Chemistry and Mineralogy. (See § XII., 9 and 11. and XIII, 2.)

In the determination and comparison of the errors and the coefficients of standards of length. (See § XII., 3, and § XIII., 7.)

In the determination of gravity.

The elasticity and strength of materials. (See § XII., 2, and § XIII., 4.)

The efficiency of pumps and hydraulic motors. (See § XII., 2, and § XIII., 8.)

The efficiency of power transmission by air, water, gas, steam and electricity. (See § XII., 2, 6, 7.)

The efficiency of steam, gas, oil and hot-air engines (simple and compound) and of refrigerators. (See § XII., 7 and 10.)

The efficiency of machines and machine tools, and the power absorbed by the several processes of mechanical work. (See § XII., 7.)

The efficiency of dynamometers, belting and shafting, including investigations into the relative merits of the several unguents. (See § XII., 7.)

The efficiency of the several types of boilers, including investigations on the heat-producing power of the several fuels. (See § XII., 10.)

On the efficiency of dynamos and electric motors.

The flow of water through orifices and pipes, and over weirs. (See § XII., 2, and § XIII., 9.)

In Geodesy and Practical Astronomy.

d

In street railway design and theory, and in alternating apparatus.

In Physics.—The McDonald Physics Building has been equipped and arranged with special reference to Graduate Courses and original research work in various branches of pure Physics. Every facility will be afforded in the workshop for the construction of special apparatus required for such investigations. (See § XIII., 3.)

§ VI. ATTENDANCE AND CONDUCT.

1. 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. The Professor may, at his discretion, reuse credit for attendance, on the ground of lateness, inattention or disorderly conduct.

- 2. Any student who does not report his residence on or before November 1st in each year is liable to a fine of one dollar. All subsequent changes of address must be immediately reported to the Dean.
- 3. Every Student is required to deposit with the Secretary of the University the sum of \$5.00 as caution money for damage done to the furniture, machinery or other apparatus. In the case of improper or disorderly conduct in the University buildings or grounds, the Faculty may impose such penalty as may be deemed advisable, and may also inflict fines, to be deducted, if the Faculty thinks fit, from the caution money.

If individual responsibility for damage cannot be traced, a pro rata assessment will be made over all of the Students more directly concerned.

VII. LIBRARY.

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Librarian :- C. H. Gould, B.A.

Assistant Librarian :- FI. MOTT.

1. During the College Session the University Library is open daily (except on Sundays and general public holidays), from 9 a.m. till 5 p.m.; and the Reading Rooms from 9 a.m. till 6 p.m., and also from 8 till 10 p.m. On Saturdays, both Library and Reading Rooms close at 5 p.m. During vacations, both Library and Reading Rooms close at 5 p.m., and on Saturdays at 1 p.m.

2. Students in the Faculty 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 that the books have been returned uninjured.

3. 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.

4. No borrower other than a Professor or Lecturer may keep any book belonging to the Library longer than two weeks, on penalty of a fine of 5cts a volume for each day of detention, but any borrower may renew the loan of a book for fitting reasons. A borrower incurring fines beyond the sum total of \$1 shall be debarred from the use of the Library until they have been paid.

5. Before leaving the Library, readers must return the books they have obtained, to the attendant at the Delivery Desk.

All persons using books remain responsible for them, so long as the books are charged to them, and borrowers returning books must see that their receipt for them is properly cancelled. Damage to, or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any 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. Silence must be strictly observed in the Library.

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

¿ IX. FEES.

The fees for students matriculated in the Faculty during or previous to Session 1894-95 are \$102.00.

After the present date, the total fees for Undergraduates entering the First and subsequent years will be \$150.00, which includes the fees for Tuition, Library, Matriculation, Graduation, Laboratories, Workshops, Gymnasium, Grounds, etc.

The Matriculation fee of \$5.00 (included in the \$150.00 fee) must be paid to the University Secretary previous to the examination.

Deposit for caution money (see § VI.), \$5.00.

Partial Students will be admitted to the Professional Classes in any year on payment of the ordinary fees for that year; or they may attend the lectures on any subject on payment of a special fee. The fee for each subject taken in the Arts Faculty is \$4.00 per session. In all other subjects, the fee, unless otherwise specified, is \$12.50 for each term, or \$25.00 for the whole session.

Special Laboratory Fees.—Partial Students desirous of taking Courses in any of the several Laboratories will be required to pay a fee of \$25.00 for each Course.

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

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			September	to April:	\$25	
2 days, or 14	"	"	"	"	45	00
3 days, or 21	"	"	"	"		00
4 days, or 28	"	"	"	"		00
Supplemental Ex	kaminati					00
".	"	if for a	ny special	reason gran	ited	
at any other date t			the Faculty		5	00
Fee for a certific	ate of st	anding,			2	00
Fee for registrati	on at tin	ne of grad	uation.		2	50

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.

The fee for a Graduate Course is \$150.00. Graduates of this Faculty will be required to pay only one-half of this amount.

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Fee for the Degree of MASTER OF ENGINEERING OF 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.

§ X. 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 1896-97, or its equivalent, will be awarded in the Graduating Class.

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

The Medal will be awarded in the Graduating Class. The conditions will be specified at the opening of the Session.

3. SUMMER WORK. The following prizes are offered for the best summer Theses:—

To the students of the Civil Engineering Course a prize of \$25 presented by P. A. Peterson, M.Inst.C.E.

To the students of the Electrical Engineering Course a prize of \$25 presented by E. B. Greenshields, Esq., B.A.

To the students of the Mechanical Engineering Course a prize of \$25 presented by W. Laurie, Esq., M.E., M.Can.Soc.C.E.

To the students of the Mining Engineering Course a prize of \$25 by the Canadian Mining Review.

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 examination.

4. A British Association Exhibition of \$50.00 and a prize of \$25.00 presented by H. Paton, Esq., to Students entering the Fourth Year, the subjects of examination being the Mathematics and Theory of Structures of the Ordinary Course.

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- 5. A SCOTT EXHIBITION of \$60.00, founded by the Caledonian Society of Montreal, in commemoration of the Centenary of Sir Walter Scott, and a prize of \$25.00 precented by H. Paton, Esq., to Students entering the Third Year, the subjects of Examination being:—
- (a) An Essay, in the form of a character sketch, on Bacon, or Sir Isaac Newton, or Darwin. On the day of the Examination, the candidates will be required to write an essay on one of these characters. Three hours will be allowed for this. (b) Mathematics of the Second Year Course. (c) French or German of the Second Year Course.
- 6. Three Prizes of \$50.00, \$30.00 and \$20.00, presented by D. Ogilvy, Esq., B.A.Sc., will be open for competition to Students entering the Second Year, the subjects of Examination being the Mathematics, Descriptive Geometry and Freehand Drawing of the First Year course.
- 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, presented by W. Kennedy, Esq. Jr., M.Can.Soc.C.E., to Students entering the Third Year, for proficiency in Levelling or Transit Work.
- 9. Two prizes, one of \$10.00 and one of \$5.00, presented by A. T. Taylor, Esq., F.R.I.B.A., will be awarded to the two undergraduates taking the highest standing in the Freehand Drawing of the First Year.
- 10. Prizes or certificates of merit are given to such Students as take the highest place in the Sessional and Degree Examinations.
- 11. Honours.—On graduation, Honours will be awarded for advanced work in Professional subjects.
- 12. 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
- 13. 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 im-

portant 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 1895 was placed by the Commission at the disposal of McGill University, and another may be granted in 1897.

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.

This Exhibition has been awarded as follows :-

Evans, P., 1891. Macphail, J. A., 1893. King, R. O., 1895.

14. Workshop Prizes.—A prize of \$20.00, presented by C. J. Fleet, B.A., B.C.L., for beach and lathe work in the woodworking department, open to Students of not more than two terms standing in workshop practice.

XI. SPECIAL PROVISIONS.

- 1. Partial Students may be admitted to the professional classes upon payment of special fees. (§ IX)
- 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 unless under exceptional circumstances, to be investigated in each case by the Faculty.
- 5. Students may be required to answer satisfactorily a weekly paper on such subjects of the course as the Faculty may determine.

6. Credit will be given in the Sessional Examinations for work done during the session in certain of the subjects which will be specified at the commencement of the first term.

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7. 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.

8. Summer Work.—During the summer vacation following the close of each year all students entering the Third and Fourth Years are required to prepare a thesis on a subject specified by the Faculty. Any student may substitute for the specified subject, a report on some practical work in course of construction. The marks given for these theses will be added to the results of the sessional examinations. The theses must be handed in to the Dean on or before the 21st September.

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

. 10. The headquarters of the Canadian Society of Civil Engineers are located 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.

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

§XII. COURSES OF LECTURES.

I. ARCHITECTURE.*

Professor of Architecture:—To be appointed Lecturers:—To be appointed

The lectures upon the elements of Architecture will treat of the forms and proportions of the various orders. The lectures will be accompanied by instruction in the making of plans, elevations, sketches and details, the examples chosen being such as will make the student familiar with ordinary architectural forms. This preliminary work will be followed by the preparation of working drawings

^{*}Further details of this course will be given at the opening of the Session.

and by the study of the materials and processes employed in building operations.

In conjunction with the work in Chemistry, the subjects of ventilation and heating, the drainage of buildings, the disposal of refuse, etc., will also be dealt with.

Architectural Engineering will also engage the special attention of the student and will embrace mathematics, surveying, theory of structures, and the strength of materials, supplemented by a practical course in the laboratories.

In the historical courses the great eras of European civilization will be studied with a view to patting types of architecture in touch with the culture which produced them. The rise and perfection of new constructive features will be chiefly dealt with, though attention will also be paid to ornament. After dealing briefly with Egyptian and Assyrian art, the lecturer will trace in detail the historical progress of architecture from the Heroic Age to the reign of Queen Anne. Photographs and lantern slides will be used in illustration. The two following courses will be given in alternate years:—

- 1. Greek, Etruscan, Roman, Early Christian and Byzantine Architecture. Two lectures a week.
 - 2. Romanesque, Gothic, and Renaissance Architecture. Two lectures a week

2. CIVIL ENGINEERING AND APPLIED MECHANICS.

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Professor:—HENRY T. BOVEY M.INST.C.E. (Scott Professor of Civil Engineering and Applied Mechanics).

Assistant Professors: { C. B. SMITH, MA.E. R. S. LEA, MA.E. To be appointed.

THEORY OF STRUCTURES.

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, arched ribs, masonry dams, foundations, earth works and retaining walls.

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

The Laboratory Work (see also & XIII.) is as follows :-

Fourth Year.—During the Fourth Year, students are expected to engage in a research upon the physical properties of a material of construction, with special reference to the form and position of such material in the structure.

Third Year. - During the Third Year the Laboratory work will include the following:-

- (a) The testing of Timber.—Transverse Tests on Hard and Soft Timber. Compressive Tests on specimens of various lengths cut out of the same timbers. Bearing Tests on specimens from same timbers. Tensile Tests on specimens from same timbers. Shearing Tests on specimens from same timbers.
- (b) The testing of Iron and Steel—Tensile Tests of Wrought Iron and Mild Steel. Tensile Tests of Cast Steel and Cast Iron. Compressive Tests of ditto. Transverse Tests of ditto.
 - (c) The testing of Brick and Stone.
 - (d) The testing of Concrete and Cement.

Graduate Course.

Special arrangements are made for advanced and research work on the nature, elasticity and strength of the several materials of construction.

HYDRAULICS. (For Laboratory Work, see § XIII.)

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

The Student is instructed in the fundamental laws governing 'he 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.

TEXT-BOOK .- Bovey's Hydraulics.

The laboratory work (see also § XIII.) will include the following :-

- (a) Flow through orifices.—The determination of the coefficients of discharge, velocity, etc.
- (b) Flow over weirs.—The determination of the coefficient of discharge with and without side contraction. Also the measurement of the section of the stream.
- (c) Flow through pipes.—The determination of the effect upon the flow, of angles, bends and sudden changes of section.
- (d) Impact .- The determination of the coefficient of impact.
- (e) Motors, etc.—The determination of the efficiency of Pelton and other wheels, of vortex and other turbines, of centrifugal and other pumps, etc

Graduate Course.

Special arrangements are made for advanced and research work on the flow of water through orifices, over weirs, and on the efficiency of pumps and hydraulic motors.

RAILROAD ENGINEERING.

The lectures on this subject will embrace:

- (a) Location.—Traffic, gradients, curvature, train resistance, general location of line by comparisons of routes.
- (b) Construction.—Determination of structures required in construction with descriptions of types of same. Laying out of work; calculation of quantities of material used in construction. Specifications,
- (c) Permanent Way.—Track-laying, ties (wooden and metal), ballast, steel rails and fastenings, semaphores, switches, yards, turn-outs, frogs, etc., methods of signalling (telegraphic, staff, block, permissive block, etc.) Operation and equipment, with special reference to couplers and brakes; maintenance of way, renewals, surfacing, etc. Résumé of railroad law, having special reference to the duties of an Engineer.

These lectures, while giving the best practice of the present day, will only enter into detail sufficiently to illustrate the principles underlying the location, construction and maintenance of railroads.

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MUNICIPAL ENGINEERING.

The lectures on this subject will embrace:-

(a) Water Supply.—The quantity and quality of water; 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.

(b) Sewerage of Cities and Towns.—The various systems for the removal of sewage; speedy methods in use for its treatment and ultimate disposal; the proportioning and construction of main branch and intercepting sewers; manholes, flush-tanks, catch-basins, etc.; materials used in construction; estimate of cost.

(c) Roads, Streets, Pavements.—Methods and costs of construction and maintenance, drainage, etc., of country roads; earth, macadam, telford, etc., comparisons of value to community by their effect on hauling capacities of teams. Pavements and sidewalks; objects of, foundations for, and materials employed (stone, wood, brick, asphalt, etc.) considered as to first cost, and cost and methods of renewal; effect on health of inhabitants, relative tractive and wearing qualities, methods and cost of cleaning, etc., etc.

The lectures are designed to give the student a grasp of the principles involved rather than too great a detailed mass of facts, which vary year by year in minor points.

3. SURVEYING AND GEODESY.

Professor: -C. H. McLEOD, MA.E. Lecturer: -J. G. G. KERRY, MA.E.

This course is designed to give the student a full theoretical and practical training in the methods of land and Geodetic Surveying, in the field work of engineering operations and in Practical Astronomy. The course is divided as follows:—

SECOND YEAR.—Chain and angular surveying; the construction, adjustment, use and limitation of the various instruments. Underground surveying. Topography, levelling, contour surveying.

THIRD YEAR.—Construction surveying, including the location of roads, simple and transition curves, setting out work and calculation of quantities. Geodetic, trigonometric and barometric levelling. Descriptions for deeds. General land systems of the Dominion and Provinces. Topographic and photographic surveying. Hydrographic surveying. Introduction to Practical Ast:onomy.

In the field the students of the Second and Third Years are required to carry out the following:—(1) A chain survey. (2) A chain and compass survey. (3) A pacing survey. (4) A contour survey. (5) A plane table survey. (6) A survey and location of a line of road with determination of topography and contours and subsequent staking out for construction. (7) A hydrographic survey of a channel in the St. Lawrence River.

All students are required to keep complete field notes, and from them to pre pare maps, sections and estimates of the work.

The large drawing rooms are furnished with fixed mountings for the various instruments, in order to permit of their use and investigation during the winter months.

FOURTH YEAR.—Practical Astronomy:—the determination of time, latitude, longitude and azimuth. Geodesy:—figure of the earth; measurements of base lines and triangulation systems; adjustments and reductions of observations.

The field work of the 4th year consists in the measurement of a base-line, triangulations and precision levelling.

The practical work in Astronomy (for equipment of observatory see & XIII, Art. 7) comprises: (1) Comparisons of clocks and chronometers. (2) Determination of meridian by solar attachment. (3) Meridian, latitude and time by solar and stellar observations with the Engineer's transit. (4) Latitude and time by sex tant. (5) Time by astronomical transit. (6) Latitude by zenith telescope. (7) Latitude by transit in prime vertical.

Exercises in the Geodetic laboratory (for equipment see § XIII, Art. 7) carried out in this year include the following:—(1) Measurement of magnifying power.
(2) Determination of vernier errors. (3) Errors of graduation. (4) Measurement of eccentricity of circles. (5) Determination of errors of run of theodolite microscopes. (6) Investigation of the errors of a standard bar. (7) Graduating scales with the dividing engine, and comparison thereof on the comparator. (8) Investigation

gation of the errors of circles on the circular comparator. (9) Determination of the constants of steel tapes. (10) Investigation of the graduation errors of steel tapes on the fifty-foot comparator. (11) Investigation of the errors of aneroid barometers. (12) Investigation of the errors of level tubes, and determination of their scale values. (13) Measurement of the force of gravity with a reversible pendulum. (14) Measurements of magnetic dip, declination and horizontal force.

The equipment of the surveying department comprises the following, in addition to the apparatus of the Observatory and Geodetic Laboratory:—Six transit theodolites by various makers, solar attachment and mining telescopes. Five-dumpy and two wye levels. Four sextant and artificial horizons. Two plane-tables. Three surveyors' compasses. Three prismatic compasses. Three current meters. 300 and 500 ft. steel tapes arranged for base measurement. An 8 in. altazimuth. A Kern precision level, rods, &c. Two heliotropes, several barometers, pantograph, station pointers, hand levels, steel bands, chains, tapes, pedometers, rods, and other minor instruments.

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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.

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

Graduate Course.

Special arrangements are made for advanced and research work in Geodesy and Practical Astronomy. See § V.

4. DESCRIPTIVE GEOMETRY.

Lecturers :- { C. H. McLeod, MA.E. To be appointed.

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.

5. FREEHAND AND ENGINEERING DRAWING.

Lecturers :- To be appointed.

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.

6. ELECTRICAL ENGINEERING.

Professor: -C. A. CARUS-WILSON, M.Inst.E.E. (McDonald Professor of Electrical Engineering).

Demonstrator : - L. HERDT, B.A.Sc., E.E.

The object of this course is to introduce the Student to the principles underlying the practice of Electrical Engineering. But 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. 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 of engines, dynamos, switchboard, wiring, etc.

Graduate Course.

A special course in Electrical Engineering will be arranged for the session 1896-97.

This course will be open to graduates in Mechanical Engineering, or others who can show by examination or certificate that they are sufficiently qualified.

The course will comprise :-

A series of lectures on Electro-Dynamics.

Work in the Electrical Engineering Laboratories, consisting of tests of generators, motors, etc.

A course of dynamo design.

7. MECHANICAL ENGINEERING.

Professor: -J. T. NICOLSON, B.Sc., M.CAN. Soc. C.E. (Workman Professor of Mechanical Engineering).

Assistant Professor: -J. J. GUEST, B.A. Demonstrator: -W. ARCH. DUFF, 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 kinds of ordinary mechanisms are explained; and the course concludes with detailed descriptions of prime movers, machine tools, locomotives, and other machinery.

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.

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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. Knocking of steam engines.

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, a machine tool, or an air pump and condenser.

N.B.—During Session 1896-97 it is proposed to deliver, in connection with the Mechanical Department, courses of lectures on the transmission of power by means of wire ropes, compressed air, and coal gas. Also on the theory and action of cutting tools.

Graduate Course.

A graduate course in Mechanical Engineering has now been arranged for, and will consist of part or all of the following work:

Experimental researches on steam engines and boilers, hot air and gas engines, compressed air plant for power transmission, refrigerating machines; on superheated steam, cylinder condensation, and feed heating; and on the value of fuels,

Experiments on the relative value and properties of lubricants, on transmission and absorption dynamometers, on the efficiency of transmission machinery, and of machine tools.

Researches on the tempering and welding of various materials; and on the properties of alloys.

8. MINING AND METALLURGY.

Professor: To be appointed.

I. MINING.

In the Third Year, a course of lectures is given in Mining, among the subjects taken up being:—Prospecting, Exploratory Mining, Hydraulic Mining, Underground Work, Exploitation of Ore Deposits, Transport of Ores underground and at the surface, Shafts, Tunnels and Inclines or Slopes, Timbering, Pumps and Drainage, Ventilation, Hoisting Plants, Explosives and Blasting, Use of Compressed Air and Electricity in Mining, Mine Accounts, and Ore Dressing, with special reference to Canadian ores.

II. METALLURGY.

During the Fourth Year a course of lectures is given on modern Metallurgical methods, special attention being given to Canadian ores, e.g., gold, silver, lead, copper and nickel, with descriptions of Canadian iron and steel plants.

These lectures are illustrated by blue-prints of the latest designs and details in Mill Work, Furnaces, etc. Each student receives copies of these blue prints to incorporate in his lecture notes.

Draughting and Designing and the plotting of mine maps from underground surveys receive special attention.

The McGill University Mining Society meets fortnightly, to hear and discuss technical papers by men eminent in the profession and by the Mining Students.

Arrangements are made for excursions to such places as the large copper mines at Capelton, Que.; also to asbestos mines, slate quarries, etc.

LABORATORIES.—Very great facilities, not equalled elsewhere in Canada, are afforded the Mining Students in the engineering laboratories and workshops. In the Testing Laboratories (§XIII. 4) most important instruction and experience can be obtained as to the nature and strength of the several materials of construction and in the use of the various testing machines; while in the Hydraulic Laboratory the instructions and experiments are of great practical importance to the Mining Engineer, who is constantly called upon to apply hydraulic principles in the execution of his various works.

In the Chemical Laboratories (§XIII. 2) and Assay-rooms, all the work done by the student is in direct relation to the needs of his future professional duties, and the Museum (§XIV.), with its large and complete collections, presents him with every opportunity for the study of Geology, Petrography, Palæontology and Mineralogy, supplementing the lectures given by the Professors in these subjects, The lectures are designed to meet the special requirements of the Mining students.

9. CHEMISTRY AND ASSAYING.

Professor :-- B. J. HARRINGTON, Ph.D. (Greenshields Professor of Chemistry and Mineralogy).

Lecturer: —Nevil Norton Evans, M.A.Sc. Demonstrator: —ALEXANDER BRODIE, B.A.Sc.

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 gra-

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Geolo For vimetric 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 teel; but considerable latitude is allowed to Students in the choice of subjects, and Organic work may be taken up if desired.

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 § XIII) are open daily (Saturdays excepted) from 9 a.m. to 5 p.m.

IO. THERMODYNAMICS.

Lecturer :- J. T. NICOLSON, B.Sc., M. CAN.Soc.C.E.

Demonstrator :- W. A. DUFF, 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.

TEXT-BOOK. - Ewing's Steam Engine.

Peabody's Tables of Properties Steam.

11. GEOLOGY AND MINERALOGY.

Professors :- { B. J. HARRINGTON, Ph.D. FRANK D. ADAMS, 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 Palæontolog,, 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.

12. ZOOLOGY.

Lecturer : -W. E. DEEKS, B.A., M.D.

This Course includes Elementary Physiology, Embryology, Morphology and Classification of Animals, with a general account of their habits, distribution and geological history. The lectures are supplemented by weekly demonstrations in the Redpath Museum.

13. BOTANY.

Professor :- D. P. PENHALLOW, M.A. Sc.

General Morphology and Classification. Descriptive Botany. Flora of Canada. Nutrition and reproduction of Plants. Elements of Histology.

14. EXPERIMENTAL PHYSICS.

Professors :- { JOHN COX, M.A. (McDonald Professor of Physics). HUGH L. CALLENDAR, F. R.S. (McDonald Professor of Physics).

The instruction includes a fully illustrated course of Experimental Lectures on the general Principles of Physics (embracing, in the Second Vear—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.

FOURTH YEAR ELECTRICAL STUDENTS.—Students of Electrical Engineering will continue their work in the Physical Laboratory in the Fourth Year. The following is a brief outline of the Course:

Magnetic elements and measurements. Use of Variometers. Testing magnetic qualities of iron.

Theory and practice of absolute electrical measurements.

Comparison and use of electrical standards, of resistance, E.M.F., self-induction, and capacity.

Principles of construction of electrical instruments.

Testing and calibration of ammeters, voltmeters, and wattmeters.

Insulation and capacity tests. Electrometers and Ballistic methods.

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Construction and treatment of storage cells. Testing for capacity and rate of discharge.

Electric light photometry.

An additional course on telegraph and telephone work is under consideration.

Graduate Courses.

The following are some of the sections in which special provisions have been made for advanced physical work:

Heat.—Thermometry. Comparison and verification of delicate thermometers. Air thermometers. Measurement of high temperatures. Electrical resistance thermometers and pyrometers. Thermo-electric pyrometers. Alsolute expansion of mercury.

Calorimetry. Mechanical Equivalent of Heat. Variation of specific heat with temperature. Latent heat of fusion and vaporisation. Heat of solution and combustion. Electrical methods.

Radiation and conduction of heat with special methods and apparatus. Dynamical theory of gases.

Viscosity. Surface Tension. Variation of properties with temperature.

Light.—Photometric standards. Spectrophotometry. Theory of colour vision. Spectroscopy and spectrum photography. Compound prism spectrometers. Six inch and 2½ inch Rowland Gratings. Study of spectra of gases. Fluorescence and anomalous dispersion. Polarimetry. Landolt and other polar-meters. Form of wave surface.

Sound.—Velocity in gases and various media. Absolute determinations of period. Harmonic analysis of sounds. Effects of resonance and interference.

Electricity and Magnetism.—Magnetic properties. Influence of stress and torsion. Influence of temperature. Effects of hysteresis. Magneto-optics. Other effects of Magnetisation. Diamagnetism.

Electrical standards and absolute measurements. Calibration of electrical instruments.

Insulation and capacity testing. Electrometer and Ballastic methods. Temperature variation of resistance and E.M.F. Thermo-electric effects. Electrolysis. Chemistry of primary and secondary batteries. Resistance of Electrolytes, Polarisation.

Electric discharge in gases and high vacua. Dielectric strength. Behaviour of insulators under electric stress. Specific inductive capacity. Electric oscillations. Electro-magnetic optics. Alternating currents of high frequency and voltage.

15. MATHEMATICS AND MATHEMATICAL PHYSICS.

Professor :- G. H. CHANDLER, M.A.

Lecturer :- R. S. LEA, MA.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 YEAR.—Continuation of Analytic Geometry, Calculus and Dynamics.

Classes may also be held for advanced (optional) work in these or other subjects.

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.

16. ENGLISH LANGUAGE AND LITERATURE.

Professor: —C. E. MOYSE, B.A. (Molson Professor of English Language and Literature).

Lecturer :- C. W. COLBY, PH.D.

FIRST YEAR.—English Language and Literature.

SECOND YEAR.—A special course on English Composition.

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17. FRENCH AND GERMAN.

French Language and Literature.

Lecturer :- M. INGRES, B.A.

Sessional Lecturer :- REV. J. L. MORIN, M.A.

First Year.—Vocabulary; object lessons; oral reproductions in French of stories told in French, and chosen from writers of the XIX. century; families of words; literature; elements of French prosody; sketches of and selections from writers of the XIX. century (the selections to be committed to memory); ten books by writers of the XIX. century to be read at home by the students, and reported on and discussed in the class; grammar; lexicology and syntax; dictation; special notions; geography of France; soil; climate; Paris; principal cities of France; domestic life in France, etc. Written composition, one a week.

Prescribed book :- Dictionnaire Larousse (Paris edition).

Second Year.—Vocabulary; object lessons; oral reproduction in French of stories told in French and chosen from writers of the XVII. and XVIII. centuries; formation of words, prefixes, suffixes, homonyms, etc.; literature; rhetoric; sketches of and selections from writers of the XVII. and XVIII. centuries (the selections to be committed to memory); ten books by writers of the XVII. and XVIII. centuries to be read at home by the students, and reported on and discussed in the class; grammar; lexicology and syntax, advanced course; dictation; special notions; French industries; public works in France; educational systems; military system; politics; theatres; the Press, etc., etc. Written composition, one a week.

Prescribed book: - Dictionnaire Larousse (Paris edition).

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.

18. 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.

§ XIII. 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.—The equipment of this Laboratory includes 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 a mechanical integrator, 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.), airpumps, thermometers, barometers, etc.

The Mathematical Laboratory is used chiefly in connection th the course in Dynamics. Lectures are given on the fundamental as ed units of the Science, as well as on the Laws of Motion, and deductions the same. When the students have in this way been made acquainted with some if the ideas of the subject, they are admitted to the laboratory, where experiments of a progressive character are assigned to them. These experiments are in all cases quantitative, and embrace the measurement of mass by means of accurate physical balances, of intervals of time by clock and chronograph, and of distance by means of scales, crew micrometers, etc. They then proceed to the measurements of areas, volumes, velocities, accelerations, forces, specific gravities, friction, and also to pendulum experiments, etc. The equipment of the laboratory for this work is very complete, embracing as it does the ordinary instruments for the purpose to be found in most physical laboratories, together with a variety of apparatus specially constructed for this laboratory. Particular attention is given in the lectures to the principles of observing, in general, the sources of error, etc.; the whole course having reference to the subsequent work of the student in the Physical and Engineering Laboratories.

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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.

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tund nd The Laboratories are supplied with five balances by Becker & Sons, one Bunge and an assay balance by Træmner. There are also a Laurent polariscope, a spectroscope by Dubosque, 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.

The new Chemical Laboratory, the erection of which is annonced on page 59, will render it possible to greatly extend the scope of the chemical work. While it is desirable that much attention should still be devoted to the important department of mineralogical chemistry, it is hoped that every provision will be made for study and research work in Organic and Physical Chemistry.

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 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.

The work of the year has been mainly devoted to completing the equipment of the Laboratory, and starting the practical work on a systematic basis. Additional cases, tables and other fittings have been obtained, tools and machines for the workshop, mercury stills, vacuum pumps, and other apparatus required in Experimental Physics.

Of the advanced practical work, the greater part hitherto, owing to the arrangement of the Electrical Engineering course, has been confined to Electricity and Magnetism. It may be of some interest, therefore, to give a brief abstract of the work of the last year in this direction, together with a description of the principal electrical standards and instruments of precision in the McDonald collection.

Resistance Standards.—There are thirty standard resistance coils of various patterns, including the B.A., the Board of Trade and the German, with a few others, ranging in value from 1,000 ohms to one ten-thou sandth, and adapted for various different purposes. These have been tested and compared, and their values are found to agree as closely as could be expected with the Cambridge certificates, and those of the Reichsanstalt and the makers. The temperature coefficients of a few have also been determined. The comparisons have been made chiefly with Nalder's pattern of the Carey-Foster Bridge.

There is also a duplicate of the Fleming Bridge used at Cambridge, recently fresented by the Duke of Devonshire.

Resistance Boxes.—The collection of resistance boxes includes almost all the best types. There is a Thomson-Varley slide-box by Nalder, which has proved extremely useful and accurate. This box has been accurately calibrated throughout. The largest discrepancy between two sets of observations on different dates and at different temperatures is one part in 50,000. The mean divergence is less than I in 100,000. The department thus possesses an instrument which can be used for calibrating other boxes with great ease and accuracy. Among the other boxes we may mention: two megohm boxes and four 100,000 ohm boxes of different patterns; a four dial and a six dial P.O. box; and a bar-dial box of Professor Anthony's pattern; also a compensated resistance box with mercury contacts, reading from 0 to 50 ohms continuously by the Carey-Foster method; this is extremely useful for the accurate determination of resistances which cannot be made up of any simple combination of standards, and has been accurately calibrated throughout.

For the comparison and determination of small resistances, there is a Kelvin conductivity bridge and a Lorenz apparatus, with the improvements made by Prof. V. Jones, which is now being completed under his supervision.

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Potential Standards.—As potential standards, there are a number of Clark cells of Dr. Muirhead's pattern with attached thermometers, and a dozen of Professor Carhart's with his certificate. These have been frequently tested at various dates by different methods, and are found to agree with each other to about one-tenth of one per cent. The students have also set up a number of cells in accordance with the Board of Trade directions. The agreement of these is considerably closer, and though not of a portable form, they are more convenient for labora-

tory work. There have been used for testing and calibrating various types of commercial instruments.

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Current Standards.—There is a Kelvin composite balance, which can also be used as a voltmeter, and wattmeter, and two Siemens dynamometers. The constants of these have been determined by the voltametic method, and found to be accurate to one-half of one per cent. They have been used for calibrating common types of alternate current instruments. We have also a set of 4 large storage cells with convenient commutators and resistances for furnishing large steady currents for the testing of ammeters and low resistances, and for other purposes. This equipment is similar to that in use at the Board of Trade in England and in the laboratories of some leading instrument makers.

As an absolute current standard there is a duplicate of the Weber electrodynamometer made by Latimer Clark for the Committee of the British Association, the coils of which were wound by Clerk Maxwell, and used by Lord Rayleigh in his standard experiments. This instrument has been very carefully set up by R. O. King. It has been thoroughly tested and measured, and its constants determined.

Insulation and Capacity Tests.—For these and other tests is there a suitable collection of delicate reflecting galvanometers of the astatic, ballistic, differential and D'Arsonval types. The most delicate of these has a resistance of 110,000 ohms, and a figure of merit of upwards of 60,000 megohms with a 20 second swing.

There are eight quadrant electrometers of different types, the chief of which have been set up and used for various insulation and other tests. We have also one Kelvin absolute electrometer, and smaller portable electrometers and gauges on the same principle.

As a standard of capacity there is a cylindical air condenser of the B.A. pattern. This was measured, cleaned, and set up by H. M. Tory in November, 1893.

Its capacity has not yet been determined absolutely. By comparison with our certificated mica standards, it was found to be nearly one-two hundredth of a microfarad, the value intended by the maker.

The mica standards and subdivided boxes have been carefully compared with each other and tested for insulation and absorption. They are above the average in quality and accuracy.

For the purpose of studying the behaviour of insulators under the influence of long continued and intense electric stress, a subject which is now becoming of importance in connection with the transmission of power at very high voltage, there is in preparation a transformer capable of working up to 100,000 volts and of sufficient power to give useful practical results.

Magnetic Tests.—Determinations of the dip and horizontal intensity have been made with the Kew instruments in different parts of the laboratory, and of the horizontal intensity with two other types of magnetometer. The values obtained showed a very satisfactory agreement, and were in all cases verified by

the local and bifilar variometers. A preliminary magnetic survey with the portable variometers has been made of all the laboratories in which experiments affected by the horizontal intensity are carried on. The results have been of great utility, and show that the precautions taken in erecting parts of the building with copper pipes and heating apparatus were by no means unnecessary, and might even have been extended with advantage to the elementary laboratories. It was also found that the disposition of the motors and machinery at the other end of the building was such as to produce a magnetic disturbance scarcely appreciable for most purposes in the portions devoted to delicate work.

Apparatus of various types for testing the magnetic quality of iron and steel has also been provided. These experiments are mainly carried on in the Engineering Building, but some tests have been made by the magnetometric method for which the Physics Building is more suitable.

Considerable progress has been made with the equipment for advanced work in Optics, Acoustics and Heat, but little work has as yet been done by the students in these branches, owing to the arrangement of the present courses of study. The collection of apparatus is on a corresponding scale to the electrical equipment, and includes several fine and valuable instruments. Among the more interesting pieces recently added or shortly to arrive, we may mention; a set of Ewing Seismographs; a Rieffler standard clock; a set of direct-reading electrical thermometers reading to .o1 o Fahr., which are now being use for determining soil temperatures; a six-inch Rowland grating, with mountings and accessories by Brashear; a complete set of spectrum and Crooke's tubes by Geissler; mechanical models and apparatus from the Engineering Laboratory and the Instrument Company at Cambridge.

It is expected that in the course of the summer vacation a complete catalogue of the apparatus will be made and published, which may be of use to outside students and experimentalists who may wish to know what facilities the Laboratory may offer for any particular line of 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 equipment of this laboratory includes:—
- (1) A Wicksteed 100-ton and an Emery 75-ton machine for testing the tensile, compressive and transverse strength of the several materials of construction. To the former has been added a specially designed arrangement, by which the transverse strength of girders and beams up to 26 ft. in length can be determined. These machines are provided with the holders required for the various kinds of tests, and new holders have also been specially designed and made in the laboratory for investigating the tensile and shearing strength of timber, for wire rope tests, etc. Numerous attachments have also been made to the machines, which have largely increased their efficiency.

(2) An Impact Machine, with a drop of 30 ft., and with gearing which will enable specimens to be rotated at any required speed and the blows to be repeated at any required intervals. By means of a revolving drum, a continuous and accurate record of the deflections of the specimens under the blows can be obtained.

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have d their (3) An Unwin Torsion Machine with a specially designed anglemeasurer, by which the amount of the torsion can be measured with extreme accuracy.

(4) An Accumulator, furnishing a pressure of 3600 lbs. per square inch, which is transmitted to the several testing machines, and ensures a perfectly steady application of stress, which is impossible when any form of pump is substituted for an Accumulator.

(5) A Blake and a Worthington Steam Pump, designed to work against a pressure of 3600 lbs. per square inch. The Accumulator may be actuated by either of the pumps, and, if at any time it is desirable to do so, either of the pumps may be employed to actuate the testing machine direct. When in operation the work of the pump and the accumulator is automatic.

(6) Extensometers of the Unwin, Martens, Marshall and other types.

(7) An autograph recording stress strain apparatus.

(8) Portable cathetometers, and also a large cathetometer specially designed and constructed for the determination of the extensions, compressions and deflection of the specimens under stress in the testing machines.

(9) An Electric Motor Pump for actuating the Accumulator; also various electric motors for working the several machines.

(10) A drying oven for beams up to 26 ft. in length. The hot air in this oven is kept in circulation by means of a fan driven by an electric motor.

(11) Numerous gauges, amongst which may be specially noticed an Emery Pressure Gauge, graduated in single lbs. up to 2500 lbs. per square inch. The whole of the testing machines are on the same pressure circuit, and are connected with the Emery gauge and also other standard gauges, including recording gauges. This arrangement provides a practically perfect means of checking the accuracy of the testing.

(12) Special apparatus and recording gauge for the testing of hose, etc.

- (13) Dynamometers for measuring the strength of textile fabrics, the holding power of nails, etc.
 - (14) Apparatus for determining the elasticity of long wires.
- (15) Apparatus for determining the hardness of materials of construction.
 - (16) Zeiss and other Microscopes.
- (17) Delicate chemical and other Balances. A very important part of the equipment is the Oertling Balance, capable of indicating with extreme accuracy weights of from 100001 lb. up to 125 lbs.
 - (18) Micrometers of all kinds.

In the laboratories more especially devoted to the determination of the strength of materials, a very extensive investigation, in which the Third and Fourth Year students have taken part, has been carried out on the strengths of certain Canadian timbers. The experiments have now extended over a period of more than three years, and the results have been incorporated in a paper. The experiments have numbered some thousands, and are being continued.

An interesting investigation is also being conducted as to the strength and elasticity of iron and steel tubes under internal pressure.

During the session, in addition to the ordinary class exercises, important experiments have been made on the strength of car axles and on the strength and stiffness of various forms of rail-joint as compared with the solid rail.

CEMENT LABORATORY.—The importance of tests of the strength of mortars and cements is very great. The equipment of the Laboratory for the purpose is on a complete plan, including:—

- (1) Three one-ton tensile testing machines, representing the best English and American practice.
 - (2) One 50-ton hydraulic compressive testing machine.
- (3) Volumenometers for determining specific gravity and for determining the carbonic acid in the raw material.

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- (4) Faija steaming apparatus for blowing tests.
- (5) Mechanical hand and power mixers.
- (6) Apparatus for determining standard consistency.
- (7) Vicats and Gilmore's needles for determining set.
- (8) Weighing hopper, spring and other balances.
- (9) Gun metal moulds for tension, compression and transverse test pieces, and special moulds for placing mortar into the moulds

under a uniform pressure, which, together with the mechanical mixers, enable the personal error to be eliminated.

(10) Sieves of 20, 30, 40, 50, 60, 70, 80, 100, 120 and 180 meshes per lineal inch for determining the fineness.

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The laboratory is also fitted with copper-lined cisterns, in which the briquettes may be submerged for any required time, and with capacious slated operating tables, bins and tin boxes for keeping the cement dry for any period.

In the Cement Testing Laboratory, researches have been made on the strength of mortars set under pressure, the effect of frost on natural and Portland cements, the effect of sugar on lime and cement mortars, the strength of lime and cement mortars and of the bricks in brick piers, the effect of fine grinding on the adhesive strength of cements, of using hot water in mixing mortars. Experiments have also been made on the strength of concrete blocks.

In addition to these researches, a large amount of work has been done by the Fourth Year students, in investigating the specific gravity, fineness, setting properties, constancy of volume, and the tensile, compressive and transverse strengths of cements, both neat and with sand.

5. THERMODYNAMIC LABORATORY.—The Thermodynamic Laboratory is furnished with an experimental steam engine of 100 I.H.P., specially designed for the investigation of the behaviour of steam under various conditions; there are four cylinders, which can be connected so as to allow of single, compound, triple or quadruple expansion, condensing or non-condensing, with or without jackets. The measurements of heat are made by large tanks, which receive the condensing water and the condensed steam. There are two hydraulic absorption brakes for measuring the mechanical power developed, and an alternative friction brake for the same purpose. Besides this large steam engine, a high speed automatic cut-off by Robb-Armstrong of Amherst, N.S., an Atkinson Cycle, and an Otto gas engine, a Stirling hot air engine by Woodbury Merrill of Ticonderoga, are provided and completely fitted for purposes of measurement and research. Many smaller instruments are provided or are in course of construction for illustrating the general principles of thermodynamics, such as calorimeters, delicate thermometers and gauges, a mercury column apparatus for investigating the properties of superheated steam and other working fluids, draft gauges, pyrometers, fuel testers, indicators, planimeters and a Moscrop recorder

A 40 horse power two-stage air compressor of modern design 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 six boilers which supply steam, four are fitted for experimental purposes.

The most recent addition to the equipment consists of a 45 H. P. Cornish boiler with Galloway tubes. This boiler will be used for heating and also for experimental purposes, and will work up to 100 lbs. per sq. in.

In the Thermodynamic Laboratory, the experimental engine has been completely fitted for testing, the cylinder drains altered, and a new set of jacket drains fitted, so that measurements of all jacket steam can now be made separately,—a unique feature in a quadruple engine. About fifty trials have been made. The experimental boiler has been mounted for forced draft trials; two of the Babcock-Wilcox boilers have been completely fitted up for experimental work, and with them about forty full boiler trials have been carried out.

Many experiments have also been made with the Robb automatic cut-off engine, fifty full trials having taken place, six of them with Hirn's analysis. The Atkinson gas engine and the hot air engine have also been tested a number of times. A mass of apparatus for testing the dryness of steam (including separating, throttling and super-heating calorimeters), a steam orifice, a Penberthy injector and a fuel calorimeter have been permanently fitted up, and form, together with numerous pyrometers, indicators and springs, the subjects of the preliminary part of the course.

A research on the transmission of heat through wrought-iron boiler tubes was carried out in the summer of 1893 by three students, and gave interesting results.

A research on the motion of heat through the walls of steam cylinders by the thermo-electric method has been carried out, and will, it is hoped, give important results.

- 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 dynanometers, two Kelvin electrostatic voltmeters, a complete set of Weston 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.

(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 or 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 & 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.

During the past year, the advanced students in the Electrical Engineering Course have carried out an extensive series of experiments on different subjects of interest.

The electric elevator in the building formed the subject of an enquiry into the regulating and running of electric elevators generally, and much useful information was obtained as to the efficiency of worm gearing.

Tests of efficiency were made on transformers submitted by the makers, by a new method.

The photometer has been used for testing the candle-power and efficiency of a large number of incandescent lamps of different types.

Several samples of iron have been sent in for magnetic experiments, and have served a useful purpose in the students' work.

The efficiency of the magnetic clutches used in the dynamo room, which were designed at the College, was determined by a series of tests; these clutches have been running for three years, and have proved perfectly satisfactory.

An extended series of experiments has been made on armature reaction on some of the dynamos in the laboratory; these are now being completed, and will, it is hoped, give valuable results.

Arrangements are now being made for establishing a street railway testing de-

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partment; a standard street railway motor and other apparatus have been kindly lent by the Canadian General Electric Company for this purpose.

- 7. GEODETIC LABORATORY.—The equipment of this laboratory consists of :—
 - (1) Linear instruments.
 - (a) A Rogers comparator and standard bar for investigating standards of length.

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- (b) A fifty-foot standard and comparator for standardizing steel bands, chains, tapes, rods, etc.
- (c) A Whitworth end-measuring machine and set of standards.
- (d) A Munro-Rogers linear dividing engine.
- (2) Circular instruments.
 - (a) A Rogers circular comparator and dividing engine.
 - (b) Two level triers.
- (3) Time.
 - (a) An astronomical clock and clock circuit in connection with the observatory clocks.
 - (b) Chronometers running on mean and sidereal time.
 - (c) Chronograph.
- (4) Gravity.—A portable Bessel's reversible pendulum apparatus, with special pendulum clock and telescopic apparatus for observing coincidences of beats.
- (5) A water gauge apparatus for testing aneroid barometers.
- (6) Magnetic instruments:
 - (a) A Kew dip circle.
 - (b) A Kew filar magnetometer.

The laboratory is constructed with double walls and enclosed air spaces, and has a special heating apparatus so that the temperature within may be brought to, and held at, any desired degree.

The ordinary course of instruction in this laboratory is described in § XII. Art. 3.

ASTRONOMICAL OBSERVATORY.—The observatory equipment for the purpose of instruction in practical astronomy consists of:—

- 1) A Bamberg prismatic transit with zenith attachment.
- (2) Two astronomical transits for meridian observations. Collimating telescopes.
- (3) A Troughton & Simms zenith telescope.
- (4) An astronomical transit in the prime vertical.
- (5) Sidereal and mean time clocks and chronometers.
- (6) Chronograph and electrical circuits by which observations and clock comparisons within or without the observatory may be made.

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, mouthpieces, etc.

The equipment of this laboratory includes :-

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- (1) A large Experimental Tank, 30 ft. in height and 25 sq. ft., in sectional area. With this tank experiments are conducted on the flow of water through orifices, either free or submerged. By a simple arrangement the orifices can be rapidly interchanged without lowering the head, and with the loss of only about one pint of water. The indicating and measuring arrangements connected with the tank are exceedingly delicate and accurate, and valuable results have already been obtained. By means of a special connection with the city water-supply, the available head of water may be increased up to 280 ft.
- (2) An Impact Machine, which renders it possible to measure the force with which water flowing through an orifice, nozzle, or pipe, strikes any given surface, and also the impulsive effect of the water entering the buckets of hydraulic motors.
 - (3) A Rife's Hydraulic Ram.
- (4) A Jet Measurer specially designed for investigating the dimensions of the jet produced in the phenomena known as "the inversion of the vein," With this apparatus it is possible to determine, within .oor inch, the dimensions of a jet in any plane and at any point of the path.
 - (5) Numerous orifices, nozzles and mouth-pieces.
- (6) A specially designed stand-pipe, with all the necessary connections for pipes of various sizes for investigations on frictional resistance. The pressures are measured by recording gauges, etc.
- (7) A flume about 35 feet in length, by 5 ft. in width by 3 ft. 6 ins. in depth.
- (8) Weirs up to 5 ft. in width, and with a depth of water over the rest varying from nil to 8 inches.
 - (9) Numerous hydraulic pressure-gauges.
 - (10) A mercury column 60 feet in height.
 - (11) Gauge testing apparatus.
 - (12) Various rotary, and piston meters, and a Venturi meter.
 - (13) Apparatus for illustrating vortex motion.

(14) Apparatus for illustrating vortex ring motion, and for determining the critical velocity of water flowing through pipes.

(15) Five specially built gauging tanks with suitable indicators, and having a capacity of 800 cubic feet. Also other portable tanks.

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(16) Transmission and absorption dynamometers.

(17) An experimental centrifugal pump.

(18) An inward-flow turbine, a new American turbine, a Pelton, and other motors and turbines.

This Laboratory is also provided with a set of pumps, specially designed for experimental work and research. They are 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.

In the Hydraulic Laboratory, investigations are being carried out on the flow of water through orifices of different sizes and forms, on the effect of viscosity upon the flow, and for the purpose of determining the co-efficients of discharge through conical nozzles.

Similar experiments and also experiments on the flow of water over weirs have been directly conducted by the students, who are thus able to obtain experience in the scientific treatment of hydraulic problems, which will certainly be of the utmost value to them in their future career.

During the Session, in addition to the ordinary class exercise, extensive tests have been made on the stretching and bursting strength of hose.

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.

Much valuable apparatus has been added to this laboratory since the opening of the Buildings, all of which has been made in the mechanical workshops, and mainly by students. The Thurston oil tester and the Bunte's viscosimeter, which formed the original equipment, have been supplemented by a hydraulic dynamometer for testing the efficiency of machines, a rotary transmission dynamometer on a new principle, with recording attachment, a pneumatic g auge for measuring delicate pressures down to the 3000th of a lb. per square inch, two other draft gauges, a belt transmission dynamometer and a belt-testing apparatus.

With these instruments, experiments have been carried on during each session for a period of twenty full working days.

Many visits have also been paid to engineering works and manufactories of importance.

& XIV. 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.

§ XV. WORKSHOPS.

The workshops erected on the Thomas Workman Endowment have a ficor area of more than 25,000 sq. ft.

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.

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ps, and which ynamonometer easuring ner draft 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.

In the workshops, a 40 H. P. air compressor has formed the staple object upon which energy has been spent. This, it is hoped, will be completed and added to the Thermodynamic Laboratory during the present year. A large boring bar, with automatic feed and double heads, an Emery brass buffing machine, an overhead travelling crane of one ton capacity, with two transverse motions, in the foundry; and two electric arc lamps and projecting lanterns complete for class demonstration, have been the principal results of steady application in the workshops.

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BOARDING HOUSES, ETC.

Good board and lodging may be obtained at \$18 per month; or separately, board at \$12 to \$14, and rooms \$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 $7\frac{1}{2}$ months, including fees, but exclusive of clothing and travelling expenses, \$270 to \$320.

Students can obtain a list of Boarding Houses on application to the Secretary. For notice of McGill Students' Club, see "University Societies."

THE APPLIED SCIENCE GRADUATES' SOCIETY.

This Society has been recently established with a view to promote a closer relationship between the Faculty and the Graduates, and also between the Graduates themselves. The Society has issued a number of important bulletins relating to the work in the different departments, and giving an account of the development of the Faculty. The membership already includes more than one-third of the whole number of Graduates, and it is hoped that before long all of the Graduates will have joined the Society.

All information respecting the objects of the Society may be obtained on application to the Secretary. For Officers and Committees, see "University Societies."

Special Announcement.

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Through the munificence of Mr. W. C. McDonald, a Department of Architecture has been established in the Faculty, and the regular work of the new department will commence with session 1896-97.

During the Summer, a Professor of Architecture is to be appointed, and the efficiency of the Drawing Department is to be much increased by the addition of a Lecturer in Freehand Drawing and Descriptive Geometry.

The same benefactor has also rendered it possible for the University to place the Departments of Chemistry and Mining in a thoroughly efficient condition. The erection of a large building is to be proceeded with immediately, and the building will be equipped in the most approved manner, including not only provision for the several branches of Chemistry, but also for Mineralogy, Mining and Metallurgy. The Mining and Metallurgical Laboratories alone will have a floor space of about 10,000 square feet, and will be supplied with the most recent appliances for the milling and metallurgical treatment of ores, etc. A Professor of Mining will be appointed during the summer, and other important changes in the staff, all leading to increased efficiency, are to be made.

FACULTY OF APPLIED SCIENCE-TIME TABLE.

YEAR	YEARS HOURS.	Monday.	TUESDAY.	Wednesday,	THURSDAY.	FRIDAY.	AY.
	6	Mathematics.	Mathematics.	Mathematics,	Mathematics.	Mathematics.	atics.
EAR.	91	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics,	ics.
Y TSAI	=	English.	French. German.	French. German.	French. German.		
I	12	Chemistry.	English.	Brawing.	Drawing.	Chemistry.	
	\$ + 0	Geom. Drawing.	Shopwork.	Geom. Drawing (a). Mathematical Lab. (b).	Freehand Drawing.	Pract, Chemistry.	stry.
	6	Mathematics.	Mathematics.	French.	Mathematics.	French.	
æ	9	Physical Laboratory.	German.	Mathematics.	Chemistry, 5. Surveying, 1, 4.	German.	
ID AEV	=	Do	Zoology, 1, 4.	Botany, 5. Mathematics.	Zoology, 1, 4.	Mathematics.	
SECOL	81	Do Botany, 5.	Experimental Physics.	Kinematics, 2, 3. Surveying, 1, 4.	Experimental Physics.	Chemistry, 4, 5.	'n
	2 to 5	*Chemistry, 4, 5. Mapping, r. Shopwork, 2, 3.	(c) Desc. Geom., 1, 2, 3, 4, 5.	* Chemistry, 4, 5. Mechl. Drawing, 2, 3. Shopwork, 1.	Chemistry, 5. Mapping, 1, 4. Shopwork, 2, 3.	Physical Laboratory, r, 2, 3, 5.	tory,

• 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 and Year Civil, on Mondays, Tuesdays, Wednesdays, Thursdays and Fridays. For 4th year Civil, on Saturday mornings and two first clear evenings each week, 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.

(a) First Term. (b) Second Term.

(b) After Nov. 1st.

(c) First Term. (c) After Nov. 1st.

(c) Civil Engineering Students. 2. Electrical Engineering Students. 3. Mechanical Engineering Students. 4. Mining Engineering Students. 5. Practical Chemistry Students

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E-Continued.	FRIDAW
SCIENCETIME TABLE-Continued.	THURSDAY.
ALFLIED SCIE	WEDNESDAY,
	TUESDAY.
	MONDAY.
YEARS HOURS	

SATURDAY

• 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 and Year Civit, on Mondays, Thursdays, Wednesdays, For 4th year Civit, on Saturday mornings and two Tuesdays, Thursdays and Fridays.

Tuesdays, Thursdays and Fridays.
For 3td Year Civit and Mining, on Mondays, Wednesdays, Thursdays and Fridays.
For 4th year Civit, on Saturday mornings and two fridays.

For 3td Year Civit and Mining Students.

For 4th year Civit, on Mondays, Mednesdays, Thursdays and Fridays.

For 4th year Civit, on Saturday mornings and two fridays.

For Mining Engineering Students.

For Mining Engineering Students.

Civit Engineering Students.

For Mining Engineering Students.

FACULTY OF APPLIED SCIENCE.-TIME TABLE-Continued.

YEARS HOURS. MONDAY. TUESDAY. WEDNESDAY. THURSDAY. 9 Experimental Physics. *Surveying, (b), 4, 5. Ceology, 1, 4, 5. Byn. of Mach., 2, 3. Experimental Physics. 10 Dyn. of Mach., 2, 3. *Surveying, (b), 1, 4. Desc. Geom, 1. Machine Design, 2, 3. 11 Mathematics, 1, 2, 3, 4. Theory of Structures, (a), 200logy, 5. Shopwork, 2, 3. Mathematics, 1, 2, 3, 4. 12 Machine Design, 2, 3. Theory of Structures, (b), Municipal Eng., 1, 4. Shopwork, 2, 3. Theory of Structures, 200logy, 5. 2 *Surveying, 1, 4. *Surveying, 1, 4. Theory of Structures, 200logy, 5. **Surveying, 1, 4. *Surveying, 1, 4. Theory of Structures, 200logy, 5. **Surveying, 1, 4. Electrical Eng., 2 (a). **Surveying, 1, 4. Theory of Structures, 1, 2, 3. **Surveying, 1, 4. Chemistry, 4. **Surveying, 1, 3. Theory of Structures, 1, 2, 3. **Surveying, 1, 4. Electrical Lab., 2. **Chemistry, 4. **Chemistry, 4. **Chemistry, 4. **Chemistry, 4. **Chemistry, 4. **Chemistr
Wednesday. Dyn. of Mach., 2, 3. Geology, 1, 4, 5. Desc. Geom., 1. Mining, 4. Shopwork, 2, 3. Shopwork, 2, 3. *Surveying, 1,4. Shopwork, 2, 3. Municipal Eng., 1, 4. Chemistry, 4, 5. Physical Lab., 2.
Wednesday. Dyn. of Mach., 2, 3. Geology, 1, 4, 5. Desc. Geom., 1. Mining, 4. Shopwork, 2, 3. Shopwork, 2, 3. *Surveying, 1,4. Shopwork, 2, 3. Municipal Eng., 1, 4. Chemistry, 4, 5. Physical Lab., 2.
Experimental Physics. 1, 2, 3, 4, 5. Chemistry, 5. Machine Design, 2, 3. Railroad Eng., 1, 4. Mathematics, 1, 2, 3, 4. Zoology, 5. Theory of Structures, 1, 2, 3, 4. Det. Mineralogy, 4, 5. Mapping, 1. Shopwork, 2, 3.

(a) First Term. (b) Second Term. (c) First half of first Term. (d) Second halt of first Term. * For field work see foot note page 49.
1. Civil Engineering Students. 2. Electrical Engineering Students. 3. Mechanical Engineering Students. 4. Mining Engineering Students. 5. Practical Chemistry Students

Faculty of Medicine.

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THE PRINCIPAL (ex-officio).

Professors.

WRIGHT,	STEWART,	Bell,
MACCALLUM,	WILKINS,	ADAMI,
CRAIK,	PENHALLOW,	BIRKETT,
GIRDWOOD,	MILLS,	ALLOWAY,
RODDICK,	CAMERON,	FINLEY
GARDNER,	BLACKADER,	LAFLEUR,
SHEPHERD,	RUTTAN,	ARMSTRONG.
BULLER,		

Dean.—R. CRAIK, M.D., LL.D.

Registrar.—R. F. RUTTAN, B.A., M.D., F.R.S.Can.

Librarian.—F. G. FINLEY, B.A., M.D.

Director of Museum.—J. G. ADAMI, M.A., M.D.

The Sixty-Fourth Session of this Faculty will be opened on Thursday, October 1st, 1896, by an introductory lecture at 3 p.m. Lectures for students of the first, second and third years will begin September 24th. The lectures in final subjects will begin on October 2nd 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 the 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 1844 the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-3, 154, with 35 graduates; in 1892-3. 315, with 46 graduates; in 1894-95, 403, with 54 graduates; in 1895-96, 412, with 90 graduates.

There were no sessions held during the political troubles from

1836 to 1839, and it is owing to this fact that the present is the 64th session of the Faculty. This is in reality the 67th session of the school, which is the direct continuation of the "Montreal Medical Institution."

In 1828, the "Medical Institution" was recognized by the Governors 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 present 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. 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 Coté 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 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the present main building was provided by the Governors of the University.

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.

Owing to the larger classes and the necessity of thorough laboratory teaching, the Lecture Rooms and Laboratories added in 1885 soon became insufficient in size and equipment to meet the requirements of the Faculty.

Mr. John H. R. Molson with timely generosity came to the aid of the Faculty, and in 1893 purchased property adjoining the College grounds, and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These buildings were completed and officially opened by His Excellency the Earl of Aberdeen, Visitor of the University, January 8th, 1895.

As will be seen on reference to the plans in the special Calendar of the Medical Faculty, the new buildings have been erected as an

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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 Pathology, Physiology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings, have been greatly enlarged and improved; the whole of the second floor has been devoted to the department of anatomy, and consists of dissecting-room, anatomical museum and bone-room, preparation rooms, Professors' and Demonstrators' rooms, and a special Lecture Room.

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On the ground floor the Library and Museum have 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 extensive reference library of the Faculty may be consulted.

On this floor are situated also the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynæcology together with Professors' rooms, etc. The chemical laboratories have been increased by including the laboratories formerly used by the department of Physiology.

In the basement are placed the janitor's apartments, cloak rooms, with numerous large lockers, the Lavatory, etc., recently furnished with the most modern sanitary fittings.

Through the great liberality of the Honorable Sir Donald A. Smith in founding the "Leanchoil Endowment," and of the citizens of Montreal, and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty has been enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

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.

The attention of members of the Medical Profession is called to the Post Graduate and advanced courses established last Session in connection with this Faculty. (See Page 129.)

MATRICULATION.

I. REGULATIONS OF THE FACULTY OF MEDICINE OF MCGILL UNIVERSITY.

Every Student, before he can be enregistered as an undergraduate in Medicine, must present a certificate of having passed the Matriculation Examination of the Faculty of Arts or Medicine of this University, or of having passed some State or University examination accepted by this University.

Graduates or Matriculants in Arts of any recognized university, and those who have passed the Entrance Examination of a Provincial Medical Council, and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States, who have passed a State or University examination fully equivalent to that required by this University, may, at the discretion of the Faculty, be admitted to study without further examination.

The Matriculation Examination of this University for Medicine is held twice each year, in June and September, at the same time as that for Arts and Science. The fee for this examination is five dollars, payable on application to the Acting Secretary of the University, J. W. Brakenridge.

Papers for the June examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only and at these examinations alternative books in Classics will be accepted.

The subjects for examination are Classics, Mathematics and English, and one of the optional subjects as below.

COMPULSORY SUBJECTS :-

Latin.—CÆSAR, Bell. Gall. Books I. and II.; VIRGIL, Æneid, Book I., and Latin Grammar.

Mathematics.—Arithmetic (including 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.

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called to Session in OPTIONAL SUBJECTS ;-

(One only of these subjects is required.)

- I. Greek.-Xenophon, Anabasis, Book I.; Greek Grammar.
- 2. French.—Le Bourgeois Gentilhomme and French Grammar.
- 3. German.—The first eighty pages of JOYNE's German reader or equivalent and German grammar.
- 4. Chemistry.—(As in Remsen's Elements of Chemistry, pages 1-160) and Physics (GAGE and Fessenden's High School Physics).

II. REGULATIONS GOVERNING THE PRELIMINARY EXAMINATIONS OF CANADIAN AND ENGLISH LICENSING BODIES.

Students should bear in mind the fact that no degree in Medicine from a Canadian university carries with it a legal right to practise Medicine and Surgery in Canada, or in any other British possession. Each province in Canada has its own regulations regarding Entrance Examination, etc., and license to practise is conferred only on those who have complied with the regulations of the special province as to preliminary education, duration and course of study, etc. As the curriculum of professional studies of McGill University fully meets the requirements of all the Provincial Boards, attention will be called only to the regulations regarding Preliminary Education.

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Each licensing body in England and Canada dates the period of beginning the study of Medicine from the time of passing the Entrance Examination accepted by it.

It is therefore of the highest importance that intending students should select that examination in preliminary education which will be accepted by the Licensing Board of the province or country in which they intend to practise their profession.

A. To obtain a license to practise in England, India, or any other British Possession (Canada excepted).

The Matriculation Examination in Medicine of this University, as described above, is accepted by the General Medical Council of Great Britain and Ireland. Graduates of this University desiring to enregister in England are thus exempted from any examination in preliminary education on production of the McGill Matriculation certificate together with a certificate that all the subjects of this Examination were passed at one time. Certificates of this University for attendance on lectures are also accepted by the General Medical Council.

B. To obtain a license to practise in the Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are, however, exempted from examination, on presentation of their Diplomas.

Those who pass the Preliminary Examination described below, or Graduates in Arts who register as students in the C. P. & S., Quebec, on beginning their studies in Medicine, obtain, on graduating from McGill University, a license to practise in Quebec without further examination in any professional subject.

The requirements for this examination are:

Latin.—CÆSAR'S Commentaries, Bks. I., II., III., IV., and V.—VIRGIL'S Æneid, Bks. I. and II.—The Odes of HORACE, Bk. III., with a sound know ledge of the Grammar of the Language.

English.—For English-speaking candidates.—A critical knowledge of one of Shakespeare's plays, viz., Anthony and Cleopatra for 1895, with English Gram mar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions of Grammar. Translation into English of extracts from Fénélon's Télémaque.

French.—For French-speaking candidates.—A critical knowledge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Books I., II., III., with questions of Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions of Grammar. Translations into French of easy English extracts.

Belles Lettres and Rhetoric.—Principles of the subject as in HAVEN'S Rhetoric, or BOYD'S Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th and 18th centuries of England and France.

History.—Outlines of the History of Greece and Rome, with particular knowledge of the History of Britain, France and Canada.

Geography.—A general view, with particular knowledge of Britain, France and North America.

Arithmetic.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

Algebra.—Must include Fractions and Simultaneous Equations of the First Degree.

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Chemistry.—Outlines of the subject as in WARTZ or ROSCOE'S Elementary Chemistry.

Botany .- Outlines as in Laflamme or Spotton's text-book.

Physics.—Outlines as in Peck-Ganot's Physics.

Philosophy.—Elements of Logic as in JEVON'S Logic; Elements of Philosophy, as in Calderwood's Hand-book.

The Examinations will be held in September, 1896, at Quebec, and in July, 1897, at Montreal. (See Almanac in the special Calendar of Faculty of Medicine for exact date of examinations.) Applications to be made to Dr. Brosseau, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule, giving text-books and percentage of marks required to pass in each subject.

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Examination Fee, 20 dollars. Should the candidate be unsuccessful, one-half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

C. To obtain a license to practise in Ontario.

To become an enregistered student of Medicine of the C. P. & S., Ontario, it is necessary to hold a degree in Arts of a recognized Canadian or British University, or to pass, before beginning the study of Medicine, the prescribed examination in Preliminary Education. This Examination is the University Departmental Matriculation Examination of the Ontario Education Department with science added and compulsory.

The subjects of this Examination for 1896 are :-

Translation from English into Latin Prose, involving a knowledge of Bradley's Arnold's Exercises, 1-24 inclusive, and 49-65 inclusive.

Translation, with the aid of a vocabulary, of easy passages from unspecified Latin Authors.

1896. { VIRGIL, ÆNEID, III. CÆSAR, Bellum Gallicum, V, VI. Mathematics.—Arithmetic,

Algebra. Elementary rules; easy factoring; highest common measure; lowest common multiple; square root; fractions; ratio; simple equations of one, two and three unknown quantities; indices; surds; easy quadratic equations of one and two unknown quantities.

Euclid, Books I, II, III.

History and Geography.—Great Britain and her colonies, from the revolution of 1688 to the peace of 1815, and the Geography relating thereto.

Outlines of Roman History to the death of Augustus, and the Geography relating thereto.

Outlines of Greek History to the battle of Chæronea, and the Geography relating thereto.

English.—I. Composition:—Nothing but an essay will be required; this shall be dealt with, rather as a test of the candidate's knowledge of English composition than as a proof of his knowledge of the subject written upon. Legible writing, and correct spelling and punctuation will be regarded as indispensable, and special attention will be paid to the structure of sentences and paragraphs.

- 2. Grammar and Rhetoric:—The examination will be chiefly on passages not prescribed. A liberal choice of questions will be allowed to the candidate.
- 3. Poetical Literature:—Intelligent comprehension of and familiarity with the prescribed texts will be required:

1896. Coleridge :- The Ancient Mariner.

Longfellow:—Evangeline, A Gleam of Sunshine, The Day is done, The Old Clock on the Stairs, The Fire of Driftwood, Resignation, The Ladder of St. Augustine, A Psalm of Life, The Builders, The Warden of the Cinque Ports.

The following selections from Palgrave's Golden Treasury:

Wordsworth:—The Education of Nature, A Lesson, To the Skylark, To the Daisy, and the following Sonnets: To a Distant Friend, "O Friend! I know not which way I must look," "Milton! Thou shouldst be living at this hour," To Sleep, Within King's College Chapel.

Campbell: - "Ye Mariners of England," Battle of the Baltic, Hohenlinden, The River of Life.

Coleridge :- Youth and Age.

Physics.—An Experimental course in (a) Dynamics, (b) Heat, (c) Electricity, including an acquaintance with the Metric System of units. The courses are defined as follows:—

Dynamics: Definitions of velocity, acceleration, mass, momentum, force, moment, couple, energy, work, centre of inertia; statement of Newton's laws of motion; composition and resolution of forces; conditions for equilibrium of forces in one plane.

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Definitions of a fluid, fluid pressure at a point, transmission of fluid pressure, resultant fluid pressure, specific gravity, Boyle's law, the barometer, air pump, water pump, siphon.

Heat: Effects of heat, temperature, diffusion of heat, specific heat, latent heat, law of Charles.

Electricity: Voltaic cell, chemical action in the cell, magnetic effect of the current, chemical effect of the current, galvanometer, voltameter, Ohm's law, heating effect of the current, electric light, current induction, dynamo and motor, electric bell, telegraph, telephone.

Chemistry.—Definition of the object of the science, relations of the physical sciences to Biology, and of Chemistry to Physics, Chemical change, elementary composition of matter. Laws of combination of the elements, atomic theory, molecules. Avogadra's Law. The determination of atomic weight, specific heat, nomenclature, classification. The preparation, characteristic properties, and principal compounds of the following elements: Hydrogen, Chlorine, Bromine, Iodine, Oxygen, Sulphur, Nitrogen, Phosphorus, Carbon, Silicon.

French.—Grammar. Composition: (a) Translation into French of short English sentences as a test of the candidate's knowledge of grammatical form and structure, and the formation in French of sentences of similar character; and (b) translation of easy passages from English into French.

Translation of easy passages from unspecified French authors.

An examination on the following texts:

1896. ENAULT, Le Chien du Capitaine.

The Fee for this examination is \$20.00. Full details may be obtained by application to Dr. R. A. Pyne, Registrar, cor. Bay and Richmond sts., Toronto.

D. To practise in the Maritime Provinces.

The examination required by the Faculty of Medicine is accepted in the provinces of Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland.

Special matriculation examinations are held annually in New Brunswick and Nova Scotia, at dates stated in the Almanac, at the beginning of the special Calendar of Faculty of Medicine.

§ II. -ENREGISTRATION.

The following are the University Regulations :-

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All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the last day of October for 3rd and 4th year students, and on the 11th of October for first and second year students.

Fees are payable to the Registrar, and must be paid in advance at the time of enregistration.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec, provided the graduate from this University matriculated before the College of Physicians and Surgeons of Quebec, when entering on the study of Medicine.

Any graduate therefore in Medicine of the University may obtain a license to practise in the Province of Quebec without further examination, if he has complied with the above regulations.

TIME TABLE FOR SESSION 1895-96.

Time Tables for the Session of 1896-97 will, be issued with the Lecture Room ticket on enregistration.

TIME TABLE OF FIRST YEAR LECTURES.

LECTURES.	Monday	Tues.	Wed.	Thurs.	Fri.	Sat.	Lecture Theatre,
Anatomy	9	9	9	9	9		Autumn and Winter terms-No. I.
Dh		4		4			No. I.
Physiology	4						No. II.
Chemistry				3	3		Autumn Tei m-No.
(2		2		Winter and Spring terms—No. 111
Zool ogy		11		11		10	Autumn and Winter Terms.
Botany		. 11		II			C . C .
Laboratory Work.			July 5.	la isa	base at		and the state of
Prac. Anatomy	10-12	10-12	10-12	10-12	10-12	9-12	1.1
*Prac. Physiology .			3-5				La contrati
*Prac. Histology	2-4				4-6	10-12	The state of the
*Prac. Chemistry.	9-11	9-11	9-11	9-11			Spring Term.
*Prac, Botany	11-12		11-12		10-12		Spring Term.

^{*} Class taken in divisions.

TIME TABLE FOR SECOND YEAR.

LECTURES.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Lecture Theatre.
Anatomy	9 2	9	9	9	9		Autumn and Winter Terms—No. I. No. I.
Chemistry	3		3		3	{	Autumn TermNo.II Winter and Spring Terms—No. III.
Pharmacology and Therapeutics	4		4		4		No. I,
Laboratory Work. Anatomy	a.m. 10-12 p.m. 8-10	a.m. 10-12 p.m. 8-10	a.m. 10-12 p.m. 8-10	a.m. 10-12 p.m. 8-10	a.m. 10-12 p.m. 9-10	9-12	Autumn Term. Autumn and Winter Terms.
† Prac. Chemistry.	10-12	10-12	10-12	10-12			Autumn Term.
† Prac. Physiology.	L. Jan	2-4		2-4			

[†] Half the class only,

TIME TABLE FOR THIRD YEAR LECTURES. (From October 1st to June 15th.)

LECTURES.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Lecture Theatre,
Gynæcology and Obstetrics }		9		9			II.
Medicine	5		*11-12	5			III.
Surgery		5	*12-1		5		III.
and Mental Diseases	1			4			II.
and Therapeutics	,	4	4				m.
General Pathology	10			10			m,
Hygiene Medical and Surgical Anatomy.	9				4		III.
Morbid Anatomy						*9-11	
Clinical Medicine		пр.т. М.G.Н.		2 p.m. R.V.H.			
Clinical Surgery {	² p.m. R.V.H.				гр.т. М.G.Н.		id i cas-litarias
Prac. Pathology		‡10 - 12	‡9-11				Path. lab.
Clin. Chemistry		‡10 – 12	‡9-11				Chem. lab. during winter te

Note.—Courses in Operative Surgery, Clinical Microscopy, Minor Surgery and other optional subjects will be arranged for later.

*Alternate weeks M.G.H. and R.V.H. † Optional. ‡ Class taken in groups.

TIME TABLE FOR FOURTH YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Lecture Theatre.
Gynæcology		9		1		(Sy 1985 FV 8	ñ.
Obstetrics			0				ii.
Medicine	5		111-12	5			111.
Surgery		5	112-1				iii.
Out-Patients					3		
Clinics			11			11	M.G.H.
Clinical							R.V.H.
Medicine	1307					10000	M.G.H.
Clinical							M.G.H.
Surgery				2			R.V.H.
Medical and	1000	100000000000000000000000000000000000000		E45.5 5 No.	1.10.1514		K.V.n.
Surg. Pathology		******	5				III.
Ophthalmology:					美国籍的图表表演		11.
Clinical			3				
Ophthalmology .	3						M.G.H.
Gynæcological		3			3		R.V.H.
Clinics		3	CONTRACTOR TO SEC.	3			M.G.H.
Gynæcological	3			3			R.V.H.
		‡ro					
Operations		7					
Morbid Anatomy				9		19-11	III.
Clinical						1-2.30	Mater-
Obstetrics						30	nity Hospital.
Dermatological }			2				M.G.H.
Clinic		200700000	使到为他们是有				M.G.H.
Genito-Urinary	(C) (C) (C) (C)			0.000	8.30		D W 17
Clinic						3	R.V. H.
Diseases of Child-		2	ST ASSET	S. A. S. Sanda		to the	MCH
ren Clinic		2			2	*******	M.G.H.
Laryngology	4				4		M.G.H.

^{*} In groups of ten. † In

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[†] In groups of four.

III.—COURSES FOR B.A. AND M.D. IN SIX YEARS.

By special arrangement with the Faculty of Arts, it is now possible for students to obtain the degree of B.A. along with M.D., C.M., after only six years of study.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in Medicine to count as subjects of the third and fourth years in Arts. (See Faculty of Arts.) It follows then that at the end of four years study a student may obtain his B.A. degree and have two years of his Medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine,

The special provisions for Medical Students in the Arts course are as follows: In the First Year.—Instead of the Chemistry appointed, a Medical Student may substitute one half of the Course in Chemistry required of students in the First Year of the Medical Faculty.

(Note.—Should, in the future, the Chemistry in the Faculty of Arts be made equivalent to that of the Faculty of Medicine, it may be taken by any Student proceeding to the Medical Degree in lieu of the Course in the Medical Faculty.)

In the Second Year.—The remaining half of the Course in Chemistry of the Medical Faculty may be substituted for the Psychology of the First Term and the Mathematical Physics of the Second Year. The Botany Course of the Medical Faculty may be substituted for the Botany in the Arts Course.

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(Note.—The Faculty of Medicine advises Medical Students who are following the Courses in Arts prescribed for the two degrees to take the subject of Psychology if possible.)

Third Year.—Physiology and Histology with practical work therein, or Anatomy with Practical Anatomy, together with the regular examinations therein in the Faculty of Medicine, may be substituted for two courses under the heading of "Science" in the curriculum of the Third Year in Arts.

(Note.—If a special course of Physics for Medical Students should be established, Natural Philosophy may not be compulsory.)

Fourth Year.—Students who have completed the Third Year in Arts and First Year in Medicine shall have the same privileges in the Fourth Year as Honour Students in this year, viz., they shall be required to attend two only of the courses of lectures given in the ordinary departments (or one course with the additional course therein), and to pass the corresponding examinations only at the Ordinary B.A. Examination. These courses should for Medical Students be in either Languages or Literature.

Students are recommended in the Third and Fourth Years to continue the study of subjects which they have already taken in the First and Second Years.

In order to obtain the above privileges, the student must give notice at the commencement of the Session to the Dean of the Faculty of Arts, of his intention to claim them, and present a certificate from the Registrar of the Medical Faculty that his name is entered on the books of that Faculty. He must produce at the end of the sessions in the first two years a certificate of attendance on the required

lectures and of standing at the corresponding examinations. In the Third and Fourth Years, he must produce certificates that he has completed each year of the Medical curriculum.

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Faculty ce at the required A certificate of Literate in Arts (L. A.) will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed the prescribed examinations therein.

The Faculty of Medicine in 1896 established Graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various Laboratories. These courses will be continued next session.

There will be two distinct sets of courses: one, a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynæcology, Ophthalmology, Laryngology, etc. This course will last a month from about the 1st of May to the middle of June, 1897.

A special detailed programme will be prepared, and will be sent on application in January next.

Arrangements have also been made to accommodate a limited number of graduates who desire advanced work.

Laboratories for higher work have been equipped in connection with the pathological and clinical departments of both the Royal Victoria and Montreal General Hospitals and in connection with the General Laboratories for Pathology, Physiology and Chemistry recently altered and extended in the new University Buildings.

Young graduates desiring to quality for examinations by advanced laboratory courses, or who wish to engage in special research, may enter at any time by giving a month's notice, stating the courses desired and the time at their discosal.

All the regular clinics and demonstrations of both Hospitals will be open to such students on the same conditions as undergraduates in Medicine of this University.

These Laboratories will be open for graduates about May 1st, 1897.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar after January, 1897.

§ V.—QUALIFICATIONS FOR THE DEGREE.*

1. No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine, approved of by this University.

^{*} It shall be understood that the programme and regulations regarding courses of study and examinations contained in this Calendar hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely to the conditions now laid down for the whole four years of student's course.

2. Students of other Universities so approved and admitted, on production of certificate, to a like standing in this University, shall be required to pass all Examinations in Primary and Final Subjects in the same manner as Students of the Faculty of this University.

3. Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Elementary Physiology and dissection of one or more types of Vertebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first year in Medicine. Students so entering will, however, not be allowed to present themselves for examination in Anatomy, until they produce certificates of dissection for two sessions.

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4. Candidates for Final Examination shall furnish testimonials of attendance on the following branches of Medical Education,* viz.:—

Anatomy. Practical Anatomy. Physiology. Chemistry. Pharmacology and Therapeutics. Principles and Practice of Surgery. Obstetrics and Diseases of Infants. Gynacology. Theory and Practice of Medicine. Clinical Medicine. Clinical Surgery.	Of which two full Courses will be required.
Medical Jurisprudence. General Pathology. Hygiene and Public Health. Practical Chemistry.	Of which one Full Course will be required.
Botany or Zoology. Histology. Pathological Anatomy. Bacteriology. Mental Diseases.	Of which one Course will be required.

He must also produce Certificates of having assisted at six autopsies, and of having dispensed medicine for a period of three months.

5. Courses of less length than the above will only be received for the time over which they have extended.

6. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at this University.

7. The Candidates 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 of some other Hospital of not less than 100 beds, approved of by this University.

8. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, and of having reported at least 10 medical and 10 surgical cases.

^{*} A course in medical, surgical and topographical anatomy will be given for students qualifying for the Ontario Medical Council.

[†] Provided, however, that Testimonials equivalent to, though not precisely the same as, those above stated may be presented and accepted.

9. 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 the University, and of having attended at least six cases.

10. 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.

II. The trials to be undergone by the Candidate shall be in the subjects mentioned in Section 4.

12. The following oath of affirmation will be exacted from the Candidate before receiving his degree:

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In Facultate Medicinæ Universitatis.

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Ego, A—— B——, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, 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; quæ denique, inter modendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondentiadsit Numen.

13. 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.

§ VI.—EXAMINATIONS.*

Frequent oral examinations are held to test 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:-

FIRST YEAR.

Examinations in BOTANY or ZOOLOGY, HISTOLOGY, PHYSIOLOGY, ANA-TOMY, CHEMISTRY, Theoretical and Practical.

Students who have taken one or more University 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 if they desire to attain an honour standing.

Marks obtained in examinations in first year subjects will count for both Pass and Honours in the Primary examinations.

SECOND YEAR.

Examinations in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY, PHYSI-OLOGY, HISTOLOGY, PHARMACOLOGY and THERALEUTICS.

^{*} See foot note, page 129.

THIRD YEAR.

Examinations in Pharmacology and Therapeutics, Medical Jurisprudence, Hygiene, General Pathology, Mental Diseases, Clinical Chemistry, Medicine and Surgery.

Marks obtained in third year subjects count for pass and honours in the final examinations.

FOURTH YEAR.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Ophthalmology, Practical Pathology 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.

A minimum of 50 per cent, in each subject is required to Pass and 75 per cent, for Honours.

Candidates who fail to pass in not more that two subjects of either the first or second 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 Medical Faculty, and on written application stating reasons, and accompanied with a fee of \$5.00 for each subject.

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 second examination.

No student will be allowed to present himself for his final examinations who has not certificates of having passed all his second year or Primary examinations in this University.

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.

§ VII. COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, last year consented to the extension of the courses of lectures in Medicine over a period of about nine months instead of six.

By this means, (1) The Students of the Primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific lasis of their profession, and (2) the final Students will be able to derive the greatest benefit from the abundance of clinical material provided in the two Hospitals.

By this arrangement, while the actual number of didactic lectures per session will be decreased, there will be a corresponding increase in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology and Hygiene, as well as giving more time, during the last two years of the course, for the thorough study of disease in the wards of the Royal Victoria and Montreal General Hospitals.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each Student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of Medicine and Surgery into four or even five sessions of six months; Second, to give each Student a sounder and more thoroughly practical knowledge of his profession than could be obtained by ate tending during even five sessions of six months each.

ANATOMY.

Professor :- FRANCIS J. SHEPHERD.

Senior Demonstrator and Lecturer on Surgical Anatomy :- J. M. ELDER.

Demonstrators :- J. G. McCarthy and J. A. Springle.

Assistant Demonstrators:—R. T. MACKENZIE, W. E. DEEKS and J. A. HENDERSON.

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.

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. 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.

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PRACTICAL CHEMISTRY.

Professor :- R. F. RUTTAN.

Demonstrator :- C. G. L. WOLF.

Laboratory instruction in Practical Chemistry is given during each of the first three years of study throughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry will be given, in which the Student will be made familiar with the application of Chemistry to Public Health and to the diagnosis and prevention of disease. Special attention is directed to instructing Students in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticized.

PHYSIOLOGY.

Professor :- T. WESLEY MILLS.

Lecturer :- W. S. MORROW.

Demonstrator :- J. W SKANE.

Assistant Demonstrator :- J. D. CAMERON.

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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 experiments which are unsuitable for demonstration to a large class in the lecture room, and require the use of elaborate methods, apparatus, etc., together with such as each individual student may conduct himself.

HISTOLOGY.

Professor :- GEO. WILKINS.

Demonstrator :- N. D. GUNN.

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.

Assistant Demonstrator :- F. M. FRY.

The lectures on this subject are graded in the following manner:

During the Primary Course, attention will be directed chiefly to Pharmacology, including the important chemical and physical properties of the various drugs, and a brief consideration of their physiological action. Therapeutics will be considered only in outline. A complete museum of Materia Medica will afford the Student opportunity for making himself acquainted with the drugs themselves. During the spring session, a course of demonstration on Practical Materia Medica and Pharmacy will be given.

During the Final Course, the Physiological Action of Drugs will be dwelt upon at length, and attention will be given to Therapeutic Application of all Drugs and Remedial Measures. Prescription writing, and the various modes of administering drugs, will be explained and illustrated. During the course, a series of lectures will be delivered in the theatres of the hospitals on special cases or groups of cases, illustrating important points in both General and Special Therapeutics.

MEDICINE.

Professor :- JAS. STEWART.

Assistant Professors :- { F. G. FINLEY, H. A. LAFLEUR.

Demonstrators: - \{ \begin{aligned} \text{G. G. CAMPBELL.} \\ \text{C. F. MARTIN.} \\ \text{W. F. HAMILTON.} \end{aligned}

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 Infants, 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. Several special lectures on diseases of children will be given during the beginning of the Session.

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.

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CLINICAL MEDICINE.

Professor :- JAS. STEWART.

Associate Professors :- { F. G. FINLEY. H. A. LAFLEUR.

Demonstrators :- G. G. CAMPBELL, C. F. MARTIN, W. HAMILTON.

The instruction in Clinical Medicine is conducted in the theatres, wards, out patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include :-

- I. The reporting of cases by every member of the Graduating Class, a certain number of beds being assigned to each student.
 - II. Bedside instruction for members of the Graduating Class.
 - III. Two Clinics weekly in each hospital.
- IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.
 - V. Instruction in Clinical Chemistry and Bacteriology.

Reporting and note taking are required of every Student during his last two years.

SURGERY.

Professor, THOMAS G. RODDICK.

Demonstrators, R. C. KIRKPATRICK, A. E. GARROW.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens obtained from cases under observation at the Hospitals. The greater part of the course, however, is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

CLINICAL SURGERY.

Professor :- JAMES BELL.

Associate Professor :- GEO. ARMSTRONG.

Demonstrators :- A. E. GARROW, K. CAMERON.

This course is entirely practical. Two clinics are given weekly in the amphitheatres of each of the large general Hospitals (the Montreal General and the Royal Victoria), at which all operations are performed, the most important surgical dressings are done and the diagnosis and treatment of fractures and dislocations are illustrated by cases from the wards. Ward classes, limited to ten or

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Cli at the twelve students, are also held weekly in each of the hospitals for bedside instruction, and every student is required to act as clinical clerk for at least six months in the surgical wards of one or the other hospital, during which period he is personally taught case taking, physical examination, etc., and is required to take part in dressing and the administration of anæsthetics.

Students of the second year are required to attend each week the out-door clinics of the hospitals, where instruction in minor surgery and dressing is given.

MIDWIFERY.

Professor :- J. C. CAMERON.

Demonstrator :- J. D. EVANS.

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 feetuses. 4. The Diseases of Infancy. 5. A course of individual clinical instruction at the Montreal Maternity. The course in Obstetrics is a graded one.

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.

Associate Professor :- T. JOHNSON ALLOWAY.

Assistant Demonstrator :- F. A. L. LOCKHART.

The didactic course is graded, and consists of from forty to forty-five lectures given at intervals alternating with the lectures on Obstetrics, and extending throughout the session. The anatomy and physiology of the organs and parts concerned is first discussed. Then the various methods of examination are fully described, the necessary instruments exhibited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, some what in the following order:—Disorders of Menstruation; Leucorrhœa; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benign and Malignant growths of the Uterus; Tumors of the Ovary; Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given both at the Royal Victoria and Montreal General Hospitals by Professors Gardner and

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MEDICAL JURISPRUDENCE.

Professor: - GEO. WILKINS.

Lecturer on Mental Diseases :- J. W. BURGESS.

Lecturer on Medico-Legal Pathology: - WYATT JOHNSTON.

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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 shown 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.

A short course of demonstrations on medico-legal Pathology also forms part of the instruction in this department. This course includes post-mortem methods in medico-legal cases, the pathological conditions characteristic of the more important forms of violent death and the natural causes of sudden death which are liable to excite suspicions of homicide. The lectures are illustrated by specimens from the Coroner's Court.

OPHTHALMOLOGY AND OTOLOGY.

Professor: -FRANK BULLER.

Demonstrator:-J. J. GARDNER.

This 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 each hospital, Students have excellent opportunities of gaining clinical experience.

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DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

Professor :- ROBT. CRAIK.

Sanitary Physics | PROF. CRAIK. | Preventive Medicine | PROF. ADAMI. and Chemistry. | "RUTTAN. | and Bacteriology. | DR.W. JOHNSTON.

This Department will, this session, be placed among the major subjects of the course in medicine.

The regular lectures will comprise :-

- (a). Sanitary Physics and Chemistry, by Professors Craik and Ruttan.
- (b). Bacteriology and Preventive Medicine, including Serum Therapy, by Professor Adami and Dr. Wyatt Johnston.

Two lectures per week will be given for the entire third year of the student's course.

Laboratory work in Practical Bacteriology etc., will be given in the Pathological Laboratory, and a course of Sanitary Chemistry, together with the use of disinfectants, will be given in the Chemical Laboratory in conjunction with the Clinical Chemistry.

These Laboratory Courses will be given twice per week for one term of three months.

A working museum and model room are now being equipped to illustrate fully and practically the principles of sanitation.*

BOTANY. +

Professor : -D. P. PENHALLOW.

The purpose of the 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.

- T. Practical Morphology—the determination and classification of type specimens of Bryophytes, Pteridophytes and Spermophytes. Special facilities for this course are offered by the morphological laboratory and the resources of the Botanic Garden.
- 2. A course of lectures on General Morphology and Classification, Histology and Physiology. The lectures are illustrated by the models and large collections in the Peter Redpath Museum.
- 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.
- 4. A special collection of medicinal plants, now being formed at the Gardens, offers a valuable preparation in the course of Pharmacology.

* Students may attend the Lectures on Sanitation in the Faculty of Applied Science,

[†] 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.

PATHOLOGY.

Professor :- J. G. ADAMI.

Lecturer in Bacteriology :- WYATT JOHNSTON.

Lecturer in Pathology :- C. F. MARTIN.

Demonstrators: -W. J. BRADLEY and W. J. JAMIESON.

The following courses constitute the teaching on this subject:-

- 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 in Bacteriology. This, which is a continuation of the course in General Pathology, extends from April to June.
- 3. A course of demonstrations in the performance of autopsies, for Students of the Third Year. The demonstrations are held once a week, from October until Christmas.
- 4. Demonstrations upon the autopsies of the week for Students of the two Final Years. These are given during the session by Dr. Adami at the Royal Victoria Hospital, and by Dr. Wyatt Johnston at the General Hospital.

Practical Course.

- 5. 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 Pathologists of these Hospitals and their 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.
- 6. 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. Laboratory fee to cover cost of slides, reagents, miscroscope, ctc., \$5.
- 7. A practical course in Bacteriology with demonstrations; held once a week during the summer term. Laboratory fee, \$3.
- 8. A course of demonstrations upon Morbid Anatomy (Museum specimens) once weekly during the winter months, for students of the Fourth Year.

In addition to the above the staff of the department give instruction to the more advanced students who desire to undertake any special work in the laboratories. In addition, classes in clinical pathology and microscopy are given from time to time, at the General and Royal Victoria Hospitals, under the direction of

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the Professors of Clinical Medicine. In order to encourage special study, a prize is awarded annually to the student presenting the best research in any branch of pathology.

9. 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 course in Medicine and Surgery.

ZOOLOGY.*

Lecturer :- W. E. DEEKS, Arts.

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.

LARYNGOLOGY AND RHINOLOGY.

Professor :- H. S. BIRKETT.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be carried on with small classes, so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

MENTAL DISEASES.

Lecturer :- T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

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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^{*}See under " Botany," supra.

§ VIII. MEDALS 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.

- 2. 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.
- 3. The "Primary Prize," a prize in Books awarded for the best examination, written and oral, in the Primary branches.
- 4. 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.
- 5. A Prize in Books for the best examination in Practical Anatomy.
 - 6. A Prize in Books for the best examination in Botany.
- 7. 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.

IX. 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 § V. supra.)

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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.

X. TEXT-BOOKS.

ANATOMY.—Gray, Morris, Quain (Eng. ed.).

PRACTICAL ANATOMY.—Cunningham's Practical Anatomy, Holden's Dissector and Landmark's Ellis' Demonstrations.

PHYSICS. - Balfour Stewart.

INORGANIC CHEMISTRY.—Wurtz's Elementary Chemistry, Remsen's Text-Book.

ORGANIC CHEMISTRY. - Remsen.

PRACTICAL CHEMISTRY .- Odling.

PHARMACOLOGY and THERAPEUTICS.—White, Bruce, Hare, Wood, and National Dispensatory.

Physiology.—Foster and Shore's Physiology for Beginners, Foster's Physiology, Mills' Text-Book of Animal Physiology and Class Laboratory Exercises.

PATHOLOGY .- Ziegler, Coates' Pathology.

PRACTICAL PATHOLOGY.—Delafield and Prudden, Payne, Boyce.

BACTERIOLOGY, -Abbott's Bacteriology.

HISTOLOGY.—Klein's Elements, Schafer's Essentials of Histology.

SURGERY.—Holmes, Moulin, Walsham, Erichsen, Treves, the American Text-Book of Surgery, DaCosta.

PRACTICE OF MEDICINE.—Osler, Strumpell and Fagge.

CLINICAL MEDICINE.—Musser's Medical Diagnosis, von Jaksch on Clinical Diagnosis.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier.

MIDWIFERY.-Lusk, American Text-Book.

DISEASES OF CHILDREN. - Smith, Goodhart and Starr.

GYNÆCOLOGY.—Thomas and Mundé, Skene, Garriques.

HYGIENE. - Parks, Wilson (American ed.).

BOTANY.-Gray's Text-Book of Histology and Physiology.

Zoology.—Shepley Invertebrata, Wiedersheim Vertebrata.

OPHTHALMOLOGY.-Nettleship, Higgins, De Schweinitz.

OTOLOGY .- Pritchard, Dalby.

LARYNGOLOGY .- Watson, Williams, Karl Seiler.

MEDICAL DICTIONARY .- Gould, Dunglison, Hoblyn.

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XI.-MUSEUM

Prof. J. G. ADAMI, Director.

E. J. SEMPLE, 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.

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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 develop-

ment of the uterus and its contents during pregnancy, various abnormalities, twin pregnancy, fœtal 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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XII. LIBRARY.

PROF. F. G. FINLEY, Librarian.

MISS M. R. CHARLTON, Assist. Librarian.

The Library of the Medical Faculty now comprises upwards of fourteen thousand volumes, the largest special library connected with any medical school on this continent.

The standard text-books and works of 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.

§ XIII. 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.

§ XIV, COST OF LIVING, ETC.

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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.

& XV. 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 on the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

Montreal General Hospital.

This hospital has been for many years the most extensive Clinical field in Canada.

It consists of a Surgical and a Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over three hundred and fifty students. In connection with this are preparation, etherizing, instruments, sterilizing and surgeons' rooms, also smaller operating rooms. The Surgical pavilions, which were built three years ago, accommodate over one hundred patients.

The old part of the hospital, consisting of the Reed, Richardson and Burland wings, has during the past year been completely rebuilt and remodelled and forms the Medical Department. This part contains four wards, 100 feet by 40 and is arranged for 150 beds. In this building there are wards for Gynaecological and Ophthalmological patients, of number a private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynaecological operating room fitted up in the most modern manner. The central part of the old building is for administration purposes.

A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and

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there is ample accommodation for the various special departments as well as large rooms for general medical and surgical patients.

The Pathological Department is a completely new building and is provided with a post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid and pathological anatomy.

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A large Fever Hospital under the management of the General Hospital has lately been built by the city and is situated at some distance off. It is under the medical charge of the physicians of the Montreal General Hospital, and at stated times small classes of students will visit the new hospital with the physicians in charge.

The old Fever Hospital on the grounds of the Hospital, has been completely remodelled, and is now used as a laundry and kitchen.

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 great proportion 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 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, an 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 1895-96, two medical, two surgical, one gynæcological and one opththalmological 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.

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CLINICAL CLERKS in the medical and surgical wards of both hospitals are appointed every three months, and each one during his term of service conducts, under the immediate direction 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.

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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 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, and 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 Gynæcology 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.

§ XVI. STUDENTS' APPOINTMENTS.

General Hospital—Five Resident Medical Officers. Royal Victoria Hospital—Six Resident Medical Officers. Clinical Clerk, Gynæcology.

" Laryngology.

" Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

University Maternity-Two Resident Medical Officers.

Out-Door Dressers.

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Dressers in Eye and Ear Departments.

Surgical Dressers (in-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 6.

Assistants in Practical Chemistry, 6.

§ XVII. RULES FOR STUDENTS.

r. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the

Dean of the 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.

2. 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.

3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.

When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honours, suspend from Classes, or report to the Corporation for expulsion.

Faculty of Law.

THE PRINCIPAL : Ex Officio.

PROFESSORS.

L. H. DAVIDSON, Q.C., M.A., D.C.L. HON. MR. JUSTICE WURTELE, D.C.L. C. A. GEOFFRION, Q.C., D.C.L. A. McGoun, M.A., B.C.L. T. FORTIN, LL.L., B.C.L. HON. MR. JUSTICE DOHERTY, D.C.L. W. DE M. MARLER, B.A., B.C.L. E. LAFLEUR, B.A., B.C.L.

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LECTURER.

P. C. RYAN, B.C.L.
Acting Dean, L. H. DAVIDSON, Q.C., M.A., D.C.L.
Secretary and Registrar; Archibald McGoun, M.A., B.C.L.
Matriculation Examiner; Eugene Lafleur, B.A., B.C.L.

The complete course of Lectures in this Faculty extends over three years and comprises all the leading branches of Legal Study; and is designed to fully qualify those who faithfully follow it for admission to the Bar of Lower Canada.

From the fact that the system of law prevailing in the Province of Quebec rests upon the principles established in the Roman Law and in the Civil Law of France, embracing also the Commercial and Criminal Law of England as modified by our own legislation, it is believed that those availing themselves of the opportunity offered by the course of the Faculty of Law of McGill obtain a more extended and comprehensive knowledge of legal subjects and are better qualified for practice in any field than is possible under more limited conditions.

The course of Study pursued—embracing Constitutional Law and History, and familiarizing the student with the close and definite reasoning of the great Civil Law writers—affords admirable preparation for public life, as is evidenced by the fact that graduates of this Faculty are and have been for years foremost in the field of politics.

It is also believed that to those engaged in business life the course in Commercial Law will be found specially advantageous and helpful, and can be availed of under the provision made for particular or special Courses.

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Students have the free use of the Law Library of the Faculty comprising the law libraries of the late F. Griffin, Q.C.; Mr. Chancellor Day and Mr. Justice MacKay, as also that of the late Mr. Justice Torrance, belonging to the Fraser Institute, which has now been removed to the Redpath Library Building in the College Grounds; and where a special room has been provided for the law students for reading and consultation.

The Lectures are delivered in the new and well appointed rooms provided for the Faculty in the East Wing of McGill by the generosity of its already munificent benefactor, W. C. McDonald, Esq.

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 on Monday, 7th September, 1896, at 4 p.m.

The Supplemental and Matriculation Examinations will be held on the same day, at 10 a.m.

The lectures will be delivered in two terms: the first beginning on Monday, 7th September, 1896, and the second beginning on Monday, 4th January, 1897.

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.

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, 1897, upon the results of the Examinations of the first year, and will be payable during the second year.

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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.

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.

FACULTY REGULATIONS.

- 1. Any person desirous of becoming a Matriculated Student may apply to the Secretary, Prof. McGoun, 181 St. James Street, for examination and entry in the Register of Matriculation, and may 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, will 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; 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 Fnglish Students only. Those preceded by a cross are for French Students only. The remainder are for both English and French.
- 3. Students of 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 Partial 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:—
- (a) Gowns must be worn during attendance at lectures and when in the College building.
- (b) 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.
- (c) 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,

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have a Session year. 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.

- (d) 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 honours, suspend from classes, or report to the Corporation for expulsion.
- (e) 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.
- (f) 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.
- (g) 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 halfpast nine in the morning, and between four and half-past six in the afternoon; and special lectures in the evening, 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.

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red of nenceeafter, 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.

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12. 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. 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.

versity 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

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.

For notice of McGill Students' Club, see "University Societies."

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SYLLABUS.

Monday, 7th September, 1896, Matriculation and Supplemental Examinations, Ordinary Lectures begin.

Saturday, 12th 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, 4th January, 1897. Lectures, Second Term, begin.

Wednesday, 13th January. Bar Examinations take place at Montreal.

Monday, 1st March. Theses for Degree of B.C.L.

Monday, 26th April. Declaration of results of Examinations.

Friday, 30th April. Convocation for Degrees in Law.

Monday, 7th 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, 7th July. Bar Examinations take place at Quebec.

EXAMINATIONS.

The date of the several Examinations will be announced during the session.

FACULTY OF LAW-TIME TABLE, 1896-97.

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COURSE OF STUDY FOR 1896-97.

Roman Law: History of Roman Law
Maine, Ancient Law Institutes of Justinian Gaius, Commentaries
Criminal Law Prof. DAVIDSON, Acting DEAN.
Commercial Law:
Negotiable Instruments Bills, Notes, Cheques
Law of Evidence
Commercial Law:
Merchant Shipping Professor WURTELE.
Law of Contracts
Legal Bibliography and History
Constitutional Law Professor McGoun.
Privileges and Hypothecs
Civil Law:
Law of Persons
Civil Law:
Gifts
Wills Professor Doherty.
Substitutions
Commercial Law:
Law of Sales of Moveable PropertyProfessor LAFLEUR.
Notarial Law:
Sale (Real Estate)
Sale (Real Estate)
Civil Procedure Lecturer Ryan.

FACULTY OF LAW-TIME TABLE, 1896-97.

DEAN.

I. Monday, 7th September, to Friday, 9th October, 5 weeks.

Hours.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
30 to 9.30 a.m.	Procedure.		Procedure.		Procedure.
4 to 5 p.m.	Persons.	Evidence.	Fersons.	Evidence.	Persons.
5 to 6 p.m.	History.	Sales (Moveables).	History.	Sales (Moveables).	History.

II. Monday, 12th October, to FRIDAY, 13th November, 5 weeks.

The second secon	The state of the s				
8.30 to 9.30 a.m.	Gifts, Wills.	_	Gifts, Wills.	Procedure.	Gifts, Wills.
4 to 5 p.m.	Roman.		Roman.	Persons.	Roman.
5 to 6 p.m.	Sales (Moveables).	History.	Sales (Moveables).	History.	Sales (Moveables).

III. MONDAY, 16th November, to FRIDAY, 11th December, 4 weeks.

Gifts, Wills.	Roman.	Carriers (Nov.).
Procedure.	Roman.	Const. Law.
Gifts, Wills.	Roman.	Carriers.
Procedure.	Roman.	Constitutional
Gifts, Wills.	Roman.	Carriers.
8.30 to 9.30 a.m.	4 to 5 p.m.	5 to 6 p.m.

IV. MONDAY, 4th January, to FRIDAY, 5th February, 5 weeks.

3.30 to 9.30 a,m.	Substitutions.		Substitutions.		Substitutions.
to 5 p.m.	Criminal.	Criminal.	Criminal.	Criminal.	Criminal.
to 6 p.m.	Priv. and Hyp.	. Sales Real Estate.	Priv. and Hyp.	Sales Real Estate.	Priv. and Hyp.

V. MONDAY, 8th February, to end of Session FRIDAY, 12th March, 5 weeks.

= "	Bills and Notes. B	Substitutions, Bills and Notes,	Bills and Notes.	Substitutions, Bills and Notes,	Bills and Notes
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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.

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The places and dates as at present fixed are:

MONTREAL..... Wednesday, 13th Jan., 1897. QUEBEC..... Wednesday, 7th July, 1897.

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. Langedoc, 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 Section in which he resides, or in which he has resided for the last six months.

The present Secretary of the Montreal Section is L. E. Bernard, Esq., 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.

REQUIREMENTS FOR DEGREE OF DOCTOR OF CIVIL LAW.

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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.L. 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 Foelix, Droit International Prive uthrie. Brocher, Droit International Prive Dicey on Domicile.
Story, Conflict of Laws.
Maine, Lectures on International Law.

2. ROMAN LAW.

Ortolan's Institutes.

Mcmmsen'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, Gouvernement et Parlement Britanniques.
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 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.

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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.

ETO.

faculty of Comparative Medicine and Veterinary Science.

THE PRINCIPAL (ex-officio).

Frofessors :

D. McEachran, F.R.C.V.S., V.S. Edin., D.V.S., Dean of the Faculty. M. C. Baker, D.V.S., Charles McEachran, D.V.S., Registrar of the Faculty.

Associate Professors:

G. P. GIRDWOOD, M.D.,
D. P. PENHALLOW, B.Sc.,
WESLEY MILLS, M.A., M.D., D.V.S.,

A. D. BLACKADER, B.A., M.D., J. G. ADAMI, M.A., M.D., [Cantab.],

Lecturers.

N. D. GUNN, M.D., C. F. MARTIN, B.A., M.D.

Examiners:

The Professors and Associate Professors, together with the following gentlemen nominated by the Provincial Government:—

J. WESLEY GADSDEN, M.R.C.V.S., Philadelphia, Penn.

I. A. COUTURE, D.V.S., 49 Garden Street, Quebec,

A. McCormick, D.V.S., Ormstown, P.Q.

A. W. HARRIS, D.V.S., Ottawa, Ontario.

JOHN M. PARKER, D.V.S., Haverhill, Mass.

FRANK MILLER, V.S., Burlington, Vt.

Matriculation Examiner.—A. N. SHEWAN, M.A., Lansdowne School, Montreal.

SESSION 1896-97.

The seventh Session of the Faculty (being the thirty-first of the Montreal Veterinary College) will be opened on Tuesday, 29th September, 1896, by an introductory lecture, at 8 p.m., in the lecture-room of the Faculty, No. 6 Union Avenue. The regular course of lectures will begin on the following day, at the hours named in the time table, and will continue till the end of March. Owing to changes in the hours of lectures and rearrangement of the courses in the Medical College, consequent on the extension of the session

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to nine months, the hours of lectures will be announced later, together with any alterations which may be necessary, the course as herein announced being subject to such changes as the Faculty may see fit to make.

The Montreal Veterinary College was inaugurated in 1866.

The complete course of study 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 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.

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.

Occasional 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 occasional 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 and (5) composition, (6) outlines of geography, with special reference to North America, (7) arithmetic, including vulgar and decimal fractions.

Note .- It is contemplated to add the rudiments of Latin to the matriculation in the near future.

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A. N. Shewan, M.A., will hold the matriculation examination on Saturday, 26th September, 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 matriculate.

No College is recognized unless its students are required to matriculate.

REGISTRATION AND PAYMENT OF FEES.

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The following are the College regulations:-

All students desirous of attending the classes shall, at the commencement of each session, enrol 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 at the time of registration; the registrar will on no consideration issue tickets till the fees are paid. Intending students must govern themselves accordingly.

All students must register, including those who receive free bursaries.

Fees for the whole course are \$75 per session, and, 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, i.e., \$90 and \$5 for registration each session. Payments must be made in all cases as above.

In addition to the above Faculty fees, every undergraduate must pay a fee of \$2 for maintenance and use of college grounds.

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 they reside, provided the Council considers them qualified by education and in other respects for entering the College.

In all cases, except when specially arranged, Bursars 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. These Bursaries are not intended for nor will they be given to such students as do not require such aid.

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 Occasional Students shall apply to the Dean of the Faculty for admission as such, 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 examination in the respective classes.

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:—

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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.

CHEMISTRY.

The course in chemistry embraces Chemical Physics, in the first portion of the course, the theory of Chemistry, both inorganic and organic, in the latter part of the course. The Chemical Laboratory, which is available to the Students of Comparative Medicine, is large, lofty and well lighted, and can accommodate comfortably 76 men at one time. Each Student, when entering or 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 especially 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 re-built 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 Pathological Laboratory.

Through the generosity of Mr. J. H. R. Molson, the large house previously occupied by Professor Harrington has been converted into a Pathological Laboratory, having on the upper floor the Class and Demonstration room, capable of

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mic of fr holding practical classes of fifty students. This is fully fitted with microscopes and other apparatus for the purpose of Pathological Histology and Bacteriology. Upon the first floor are the Library and Professor's room, the Preparation and Research rooms, with a smaller Incubator room for Bacteriological use. On the ground floor are situated the animal and store rooms and the apartments of the assistant.

Accommodations will be provided for students or practitioners who desire to carry on advanced study or pathological research.

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, Hartnock 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 the 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, 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 everything, except cover glasses and cabinet cases, provided. Fee, \$8.

COURSES OF LECTURES.

BOTANY.

D. P. PENHALLOW, M.A.Sc.

The course in Botany is designed to give Students a thorough grounding in the general morphology of plants and ability to determine species. It includes a practical study of the Spermaphytes and Pteridophytes during the first half of the session, and after Christmas a Course of lectures on general Morphology, together with a special discussion of plants possessing poisonous properties, and therefore liable to produce injury to grazing mimals.

The Morphological Laboratory is well equipped with efficient dissecting microscopes, while the Botanic Garden and Herbarium afford an ample supply of fresh and dried material.

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W. E. DEEKS, B.A., M.D., LECTURER.

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.

PHYSIOLOGY.

T. WESLEY MILLS, M.A., 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 Physical and the Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subjects 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 a 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. The

^{*}Students may either take 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.

course for first year students is similar to that for senior students, though less advanced, and more attention will be given to the anatomico-physiological aspects of the subject than to the chemical.

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., Professor. C. F. MARTIN. M.D., Lecturer.

The teaching in Pathology at McGill Medica! College includes courses in general and special Pathology, in Bacteriology (head 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.*

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 Practices 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. Attendance and practical work in the Pharmacy and Hospital is complsory during the entire course, in the order arranged at the beginning of each Session, and forms an important part of qualifications for graduation.

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^{*}Undergraduates in the second and third sessions are particularly recommended to take the practical course in Bacteriology during the summer session, if possible,

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, Mons: Achille Compte's Anatomical and Zoological series, also a large collection of drawings specially prepared for the school by Mr. Scott Leighton, artist, Boston, and Mr. Hawkset, 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.

A. D. BLACKADER, M.D., Professor. NEIL GUNN, M.D., Lecturer.

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 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 Plagues: their nature, symptoms, pathological anatomy, prophylactic and therapeutic treatment; breeding and general management of breeding animals, disease 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.

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(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 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. Auzoux 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 means they become familiar with the physical properties, compatabilities, doses and uses of the medicines, and become expert in administering them to the different patients brought for treatment. Attendance and practical work in the Pharmacy are compulsory.

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 numbers 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.

*TEXT BOOKS.

The following text books are recommended:—

Anatomy.—Chauveau's Comparative Anatomy; Strangeway's Veterinary

Anatomy; McFadyean's Veterinary Anatomy.

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^{*}Students are advised not to buy text-books extensively till after consultation with the Professor who teaches the subject.

Physiology.—Physiology for Beginners by Foster and Shore; Prof. Mills' Text Book of Comparative Physiology; Class Laboratory Exercises by the same author.

Histology.-Klein's Elements; Schafer's Essentials of Histology.

Botany .- Gray's Structural Botany ; Bessey's Botany .

Zoology .- Dawson's.

Chemistry.—Wurtz's Elementary Chemistry; Armstrong; Remsen's Organic Chemistry.

Medicine and Surgery.—Williams' Principles and Practice of Veterinary Medicine; Fleming's Sanitary Science and Police; Williams' Surgery; Fleming's Operative Surgery; Robertson's Equine Medicine; Liautard's Operative Veterinary Surgery · Zuill's Translation of Friedberger and Frôhner's Pathology, etc.

Materia Medica.—Dun's Veterinary Medicines; Walley's Veterinary Conspectus; Tuson's Pharmacy; Hoare's Therapeutics.

Cattle Diseases.—Steel's Bovine Pathology; Clatter's Cattle Doctor (Armitage); Fleming's Veterinary Obstetrics.

Canine Diseases .- Prof. Mills' The Dog in Health and in Disease.

Entozoa. - Cobbold's Entozoa of Domestic Animals.

Pathology. - Payne's Pathology; Fraenkel's Bacteriology.

POARD AND TRAVELLING EXPENSES.

Board can be obtained at from \$15 to \$20 per month.

For notice of McGill Students' Club, see "University Societies."

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.

Graduates and students of Veterinary Medicine and graduates and students of Human Medicine are eligible to membership.

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.

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ofessional g, which expended poses and 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 PSYCHO-LOGY.

This Society is similar in constitution to the Veterinary Medical Association, and has special library of about 100 volumes. Its object is the study of the Psychic Phenomena (intelligence, etc.) of all classes of animals, and th diffusion of sounder views on this subject. Naturally, it is of great importance in the practice of nedicine upon dumb animals, as well as of peculiar scientific interest.

DONATIONS.

John Wesley Gadsden, M.R.C.V.S., of Philadelphia, Penn., U.S.A., has generously donated to this Faculty his valuable library of nearly 400 volumes and the specimens of his private museum, many of which are of unusual value.

QUALIFICATIONS FOR THE DEGREE.

Candidates for the Final Examination shall furnish testimonials of atttendance on lectures on the following subjects:—

Either Botany or Zoology-One course of six months, 1st year.

Histology, Chemistry, Physiology, Anatomy.

Two courses of six months, 1st and 2nd years.

General Pathology and Demonstrations, one course of six months.

Cattle Diseases and Obstetrics,
Practice of Medicine and Surgery,
Materia Medica and Therapeutics.

Two courses, 2nd and 3rd years.

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, Physiology, Chemistry, Histology and Botany or Zoology in their first session.

Candidates of the 1st and 2nd years, who fail to pass in not more than two subjects 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, and on payment of a fee of \$2, which must be paid prior to examination.

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, Histology (oral), 1st Chemistry, Anatomy, Physiology, and on all other subjects in the course of this year.

Second Year.—Pass Examinations in Chemistry, Physiology, Histology (written) and Anatomy, in addition to sessional examinations in these and the other subjects of the year.

Third Year.—Pass Examinations in Practice of Medicine and Surgery, General and Special Pathology, Veterinary Obstetrics, Diseases of Cattle and Materia Medica and Therapeutics.

N.B.—Written Oral 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.

REGULATIONS GOVERNING THE CONFERRING OF THE DEGREE UPON FORMER GRADUATES OF THE MONTREAL VETERINARY COLLEGE.

The Degree of Doctor of Veterinary Science may be conferred on former graduates of Montreal Veterinary College at any Convocation of McGill University held for conferring degrees, subject to the following regulations, which were adopted at a meeting of the Corporation of McGill University, held on the 22nd January, 1890, governing the conferring of Degrees on former graduates:

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Fo are ea 1st.—That the candidate must be found to have conducted himself throughout his professional career with honor and integrity.

2nd.—That he has not been connected with the manufacture or sale of proprietary medicines.

3rd.—That he has been engaged in actual practice for at least one year since graduating, or that he has been engaged in professional study at some European school.

4th.—That he shall be required to satisfy the Board that he has made reasonable progress in professional knowledge and skill.

In estimating the fitness of a candidate for a degree, account will be taken specially of work done in professional teaching, original research, publication of books or contributions to the journals of the profession.

The fee for the Diploma shall be Twenty Dollars.

An affirmation shall be administered similar to that of other Faculties, and in English.

The Degree may be conferred on absentees.

The regulations relating to fees and affirmations shall apply to ordinary undergraduates on taking the degree.

Graduates intending to apply for the Degree of D.V.S. should notify the Registrar of the Faculty at their earliest convenience, and at the same time state the grounds explicitly on which they base their claims for the Degree.

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, unless 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, in order 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. The McGill Y. M. C. A. and the McGill Students' Club are especially recommended to 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 Pathological Laboratory, McGill

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on former ill Univerwhich were n the 22nd tes: Medical College. The specimens may be sent C.O.D. by express, and will in all cases be acknowledged. It is suggested that where reports are desired those reports can be satisfactory only when the material arrives in the freshest possible condition. It is urged, therefore, that when forwarded in bottles the tissues be placed immediately either in alcohol, fifty to seventy five per cent., or in a mixture of equal parts of glycerine and water to which five per cent. of pure carbolic acid has been added. If dry carriage be preferred the method of surrounding the tissues with a cloth well moistened with one in one thousand corrosive sublimate solution, and wrapping this securely in oiled silk is recommended. 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.

STUDENTS' MEETINGS.

The use of the lecture room or other rooms of the College, for holding students' meetings, can be obtained by application to the Dean, stating the object of the meeting, and he may attend personally or appoint someone to represent the Faculty at said meeting. It is strictly forbidden to hold meetings for the discussion of any subject not approved by the Faculty, and students' holding such meetings except as above will be dealt with by the Faculty as it may see fit.

ORDER OF LECTIPE

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ORDER OF LECTURES.

9 to 10 a.m. 10 to 11 a.m. Practice of Medicine and Surgery. Cattle Pathology. and and 3rd Year. Practical Pharmacy and Hospital Practice.		TOPODUT.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
Practice of and Si no to 11 a.m. Practice of and Si no to 11 a.m. Practical I a.m. to 12 a.m. and Hospita	omy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Anatomy.
Cattle P. and and 3 and and 3 and and 3 and and 3 and and Hospita	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.
Practical Practical and Hospita	Cattle Pathology.	Pathology. 2nd and 3rd Year.	Cattle Pathology.	Pathology 3rd Year.	Pathology.	Pathological Demonstration.
	Pharmacy al Practice.	Practical Pharmacy and Hospital Practice.	Practical Pharmacy and Hospital Practice,	Practical Pharmacy Practical Pharmacy and Hospital Practice, and Hospital Practice.	Practical Pharmacy and Hospital Practice.	Botany Demonstration. Practical Physiology.
r to 2 p.m. Physiology.	ology. Year.	Physiology. 2nd Year.	Physiology. 2nd Year.	Physiology and Year.	Physiology. Demonstration.	Histological Demonstration,
2 to 3 p.w. * Materia Medica	a Medica	Botany.	*Materia Medica,	Botany.		
Physiology.	ology.	Physiology.	Physiology.	Physiology.	Histology.	
4 to 5 p.m. Chem	Chemistry.	Chemistry.	Chemistry.	Chemistry. †Materia Medica 5 to 6.	Chemistry.	Examination of Horses for Soundness,
to 10 p.m. Practical	Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy,	

MeGill Normal School.

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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 Prostestant 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 1896-97.

NORMAL SCHOOL COMMITTEE.

PROF. WM. PETERSON, M.A., LL.D., Principal of the University, Chairman.

MR. SAMUEL FINLEY, Governors of McGill College.

MR. GEORGE HAGUE, Fellows of McGill

J. R. DOUGALL, M.A., Fellows of McGill

J. R. DOUGALL, M.A.,

REV. PRINCIPAL MACVICAR, D.D., LL.D.,

J. W. BRAKENPYDGE, B.C.L., Acting Secretary.

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.

MISS 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 Elecution.

PROF. D. P. PENHALLOW, Ma.Sc., Lecturer on Botany.

T. D. REED, M.D., C.M., Lecturer on Physiology and Hygiene.

NEVIL N. EVANS, M.A., Sc., Lecturer on Chemistry.

BANNEL SAWYER, B.C.L., Instructor in Penmanship and Book keeping.

MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL.

ORRIN REXFORD, B.A.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 1896-97.

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 forty-first session of this School will commence on the first of September, 1896, and close on the thirty-first of May, 1897. The complete course of study extends over four years, and the Students are graded 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

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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 thall 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.)

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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 Clsss. All candidates who show that they have passed at the A.A. examination, taking two-thirds of the aggregate marks and having 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 first of October shall share in that part of the bursary fund which is distributed at Christmas.

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.

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No candidate is admitted to the Normal School until the provisions of the school laws respecting admission have been fulfilled. (See Note c.)

II. PRIVILEGES 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 their 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 Principa" (See Note d.)

III. STUDENTS FOR THE ACADEMY DIPLOMA.

The Academy Class in the Normal School being now instructed in the Universities, 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 in the Universities. They may be examined either at the examinations for the Associate in Arts in June, or at those for the matriculation in the 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 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 for 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,

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Academy rotestant liplomas. l, attend 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 for 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 in their year.*

^{*}These exemptions will be granted in September 1896 under the regulations above specified. In accordance with a recent resolution of the Board of Governors, they will not be granted in subsequent years.

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-intraining, 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.
- 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

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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 regulation 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.

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.

FORM OF CERTIFICATE OF CHARACTER TO BE SUBMITTED BY CANDIDATES FOR ACADEMY DIPLOMAS.

This certificate must be signed by the Mi sister of the Congregation to which the Candidate belongs, and by two School Commissioners, Trustees or Visitors.

VIII. NOTES ON THE PRECEDING REGULATIONS.

Chiefly extracted from the By-Laws of the McGill Normal School.

(a) On appplication 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.

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r admission ed forms of ars in some (b) Teachers in-training admitted to the Elementary School class at the begin ning 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 that no student who has passed lower than second class in two of the four subjects, Mathematics, Latin, Greek and French, or who has failed in any one of these subjects, has passed "creditably" at any college examination. But in order to secure a first-class Academy diploma and a bursary at the end of the second year, it is necessary to pass in both Latin and Greek not lower than second class at the intermediate examinations.

(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.

I. ELEMENTARY SCHOOL CLASS, STUDYING FOR THE ELE-MENTARY 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 2nd 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 S. America, Eléments de Géographie moderne.

History.—Outline of general history. Histoire du Canada en França

Arithmetic. - Simple and compound rules.

Algebra. - The elementary rule.

Geometry. - Elementary notions, with Mensuration.

French.—Darey's Principes de Grammaire Française to page 50, with verbs of first conjugation. Méthode naturelle. Curtis' Oral Lessons in French.

Latin.-Grammar; a Delectus of Cæsar.

Botany .- High School Botany, Spotton.

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.

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Geography.—Contour, elevations, river systems, political divisions and chief cities of the old world.

History.—Outline of general history. Sacred. Histoire du Canada continuée.

Arithmetic.-Fractions, Decimals, Proportion, Interest.

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 Française, page 100, with verbs regular and irregular. Méthode naturelle.

Latin. - Grammar ; Cæsar Gallic War, Book I.

Botany .- High School Botany, Spotton.

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.

Fractice 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 .- England, Rome.

Art of Teaching.—Lectures on school organization and discipline and on methods of teaching particular subjects.

Arithmetic.—Commercial arithmetic. Logarithms. Properties of numbers 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 ; Virgil, Æneid, Book I.

French.—Translation from French, into English and from English into French. Darey's Principes de Grammaire. Eléments de Littérature française, Lectures françaises, 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.

Practize 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 Cæsar, Bell. Gal, Book II., 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 français, composition et grammaire.
- (d) Drawing: water-color.
- (e) Music : violin.

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 the McGill College, and in Bishop's College, may be learned by application to J. W. Brakenridge, B.C.L., McGill College, Montreal, or to Rev. Principal Adams, D.C.L., Bishop's College, Lennoxville.

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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 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 conceptions. 35. Verbal memory.

MORAL DEVELOPMENT.

36. Training in truthfulness. 37. In justice and purity. 38. In philan thropy and patriotism, 39. In earnestness, 40. In good manners.

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MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL.

Boys' School.—Orrin Rexford, B.A.Sc., Head Master. Elizabeth Reid, Grace Millar, Assistants.

Girls' School.—Mary I. 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, Kindergarten.

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.

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Aniversity School Examinations

1897.

FOR CERTIFICATES OF THE UNIVERSITIES AND THE TITLE OF ASSOCIATE IN ARTS.

HELD UNDER THE SUPERINTENDENCE OF McGILL UNIVERSITY, MONTREAL, AND THE UNIVERSITY OF BISHOP'S COLLEGE, LENNOXVILLE; AND RECOGNIZED 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.

A short Essay on a subject to be given at the time of the Examination.

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).

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on. Fees: er month; in advance.

^{*}Candidates will be exempted from examination in this subject only if their parents or guardians make written objection thereto. In such case Taylor's First Principles of Modern History will be required.

II. OPTIONAL SUBJECTS.

Section 1.—Languages.

Latin:—		
Caesar.—Bell Gall., Bks. I. and II. 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 the easier Latin Authors.	200 m	arks
Greek :-		
Xenophon.—Anabasis, Bk. I. Homer.—Iliad, Bk. IV. Greek Grammar.	200	do
French :-		
Grammar and Dictation. Translation at sight. Easy translation, English into French.	100	do
German : —		
Grammar. Joynes' German Reader. Translation from English into German.	100	do
Section 2.—Mathematics.		
Arithmetic:—		
As required for Model School Diploma. !The suse of seven figure Logarithms.	τοο	do
Geometry:		
Euclid, I., II., III., with easy Deductions	100	do
Algebra:—		
Elementary Rules, Involution, Evolution, Fractions, Indices, Surds, Simple and Quadratic Equations of one or more unknown quantities.	100	do
Plane Trigonometry :-		
(As in Hamblin Smith, pp. 1-100, omitting Ch. XI.)	100	do
Section 3.—English.	1.	
The English Language ;—		
Meiklejohn's English Language, Parts I., II., III. Trench's Study of Words.	100	do

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	English Literature :—
	Meiklejohn's English Language, Pt. IV. Shakspere's Richard II. Scott's Lady of the Lake.
	History (as in Primers of Greece and Rome, and
	Great Events)
o marks	Geography.—Physical, Political and Commercial
	Section 4.—Natural and Physical S
	Zoology (as in Nicholson's Introductory Text-Book)
	Botany* (as in Spotton's High School Botany, with Pe
o do	Guide to the Collection of Plants, and Blanks
,0 do	Descriptions †)
	Chemistry (as in Remsen's Elements of Chemistry, pp.
	Physiology and Hygiene (as in Cutter's Intermediate).
	Physics (as in Gage and Fessenden's High School
oo do	Chapters I., II., III.)
	Geometrical and Freehand Drawing
	Geometrical.—Vere Foster R^1 and R^2 , also prob to 129 of R^3 .
	Freehand.—Rules of Perspective, Drawing from
o do	Dominion Freehand Drawing books, numbers I to 5, in
	DECLI ATIONS
	REGULATIONS.
	1. To obtain the Certificate of Associate in Arts, Ca the Preliminary subjects, and also in any six of the O that the six include one subject at least from each of the
o do	2. In addition to the six Optional subjects selected
	may take other Optional subjects, but the total p
oo do	obtainable in all the Optional subjects chosen must not
4	3. Candidates will not be considered as having pass
	they have obtained at least 40 per cent. of the total nu
	in that subject.‡
oo do	The same of the state of the same of the s
100 do	* In connection with the Botany examination, marks will mounted specimens made in accordance with Penhallow's Plants. The Head Teacher of each school will forward wifrom each pupil's collection, and also (on a furnished form the collections made. Not more than 50 specimens will be lection, and marks may be allowed pro rata for fewer.
	† These Blanks may be obtained from booksellers in Mon
	When two or more books or subjects are prescribed for on-
	to pass in each. Candidates will not be allowed to pass in unless they show a satisfactory knowledge of Syntax (Parsi connected therewith). In Classics, at least one-third of the

English Literature ;—	
Meiklejohn's English Language, Pt. IV. Shakspere's Richard II. Scott's Lady of the Lake.	do
History.—(as in Primers of Greece and Rome, and Collier's Great Events)	do
Geography.—Physical, Political and Commercial 100	do
Section 4.—Natural and Physical Sciences, etc.	
Zoology (as in Nicholson's Introductory Text-Book) 100 Botany* (as in Spotton's High School Botany, with Penhallow's Guide to the Collection of Plants, and Blanks for Plant	do
Descriptions †) 100	do
Chemistry (as in Remsen's Elements of Chemistry, pp. 1 to 160) 100	do
Physiology and Hygiene (as in Cutter's Intermediate) 100 Physics (as in Gage and Fessenden's High School Physics,	do
Chapters I., II., III.) 100	do
Geometrical and Freehand Drawing 100	do
Geometrical.—Vere Foster R1 and R2, also problems 119	
to 129 of R3.	
Freehand Rules of Perspective, Drawing from the object (as	in th

inclusive).

- Candidates must pass in all Optional subjects, provided the four Sections.
- ted for passing, Candidates possible number of marks ot exceed 1000.
- sed in any subject, unless umber of marks obtainable

ill be given for collections of r's Guide to the Collection of with the answers a specimen m) a detailed statement as to be expected to constitute a col-

ntreal or elsewhere.

Twhen 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 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 charactes and ages of the pupils sent up for examination.
 - 10. The examinations will begin on Tuesday, June 1st, 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.)

NOTE I.—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 book, 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.-MATRIC ULATION 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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lish Dictation, ch for Greek.) 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 German, and afterwards study both French and 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 :-

Lasing, Emilia Galotti.

Schiller, Der Kampf mit dem Drachen.

Grammar and translation from English into German.

Section 2.-Mathematics.

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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.

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^{*} 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.

LIST

OF

SUCCESSFUL CANDIDATES.

RESULTS OF EXAMINATIONS, 1896.

ADVANCED ASSOCIATE IN ARTS.

No.	MARKS.
1. Louis Reford,	464
I. Under 18 Years of Age	e.
ASSOCIATES IN ARTS.	
19. John A. Nutter (Montreal High School),	823
51. Lester Cooke (Montreal Coll. Institute),	806
211. Gladys Dyer (Westmount Academy),	794
46. Bertha D. Parsons (Montreal High School, (Girls'), 781
157. Wendell Hill (Stanstead College),	769
24. George W. Scott (Montreal High School),	748
13. James A. Henderson (Montreal High School 43. Bella Marcuse (Girls' High School, Montrea	l), loguel 747
60. Arthur Paterson (Montreal Coll. Institute),	694
8. Donald Cochrane (Montreal High School),	730
9. Abraham Cohen (Montreal High School),	716
54. George W. Grier (Montreal Coll. Institute),	713
37. Margaret Howe (Montreal High School, Girl	ls'), 712
66. Frank Walker (Montreal Coll. Institute),	710
26. Henry Weinfield (Montreal High School),	704
36. Edith A. Garlick (Montreal High School, G	Sirls'), 702
32. Alice M. Edwards (Girls' High School, Mor	ntreal), 682
202. Frederick H. Barrington (Waterloo Academ	y), 683
100. Elizabeth I. Willis (Dunham Ladies' Colleg	(e), 67.
14. Hubert G. Hibbs (Montreal High School), 45. Mabel Molson (Girls' High School, Montre	eal), equal 66
162. Harriet L. Page (Stanstead Wesleyan Colleg 197. Catherine M. Fanjoy (Girls' H. S., St. Joh	ge), n, N.B. } equal 66
38. E. Gertrude Jackson (Girls' High School, M	Montreal), 66
218. Walter Ray (Westmount Academy),	66
55. Laurence Hill (Montreal Coll. Institute),	65
29. Edward C. Woodley (Montreal High School	ol), 65
188. Annie E. Blair (Girls' High School, St. Jo	hn, N.B.), 64
	내려면 얼마는 얼마나면서 하면 하면서 되어 있는 것이 없는 그리고 그리고 있다.

No.	Marks.
62. Lorne Ross (Montreal Coll. Institute),	643
12. Robert H. Gillean (Montreal High School),	641
154. Mary F. Flint (Stanstead Wesleyan College),	634
81. Mary H. Brooks (Compton Ladies' College),)
127. Joseph H. Copeman (Quebec High School),	equal 632
200. Ma garet H. Robb (Girls' High Sc., St. John, N.I	3.), (equal
217. Edna Mills (Westmount Academy),)
65. Harold Trenholme (Montreal Coll. Institute),	622
155. Roy A. Flint (Stanstead Wesleyan College),	619
208. Vivian Clogg (Westmount Academy)	618
146. Willard B. DeWolf (St. Lambert Model School) 206. Mildred Brodie (Westmount Academy),	equal 617
189. Josephine O. Bostwick (Girls' High School, St. Jo	ohn, N.B.), 615
219. William Walford (Westmount Academy),	609
89. Maud Lefebvre (Cookshire Academy),	602
114. Christina M. Palliser (Lachute Academy) equal	603
21. Charles F. Ritchie (Montreal High School),	598
209. Alexander Currie (Westmount Academy),	595
49. Jessie Stewart (Girls' High School, Montreal),	591
34. Elizabeth S. Fenwick (Girls' High School, Montre	eal), 586
191. Blanche Clift (Girls' High School, St. John, N.B.)	, 585
187. Louise G. Beatteay (Girls' High School, St. John	n, N.B.), 584
4. Walter Brown (Montreal High School),	574
30. Margaret E. Bennett (Girls' High School, Montre 133. Horatio Walker (Quebec High School),	al), }equal 573
35. Louise C. Garlick (Girls' High School, Montreal)	560
86. Arthur Cowling (Cookshire Academy),	559
195. Louise Hegan (Girls' High School, St. John, N.B	
64. John E. Tiffin (Montreal Coll. Institute),	553
105. Roberta A. McKillop (Inverness Academy),	550
40. Hortense E. Lawrence (Girls' High School, Mont	
III. Janie McQuet (Lachute Academy)	
145. Alice Woodworth (St. Johns H. S., Quebec),	equal 528
156. Helen M. Hill (Stanstead Wesieyan College)	526
20. John H. Pangman (Montreal High School), equ	ial 508
213. Hemiette Harvey (Westmount Headenly),	300
166. Edith A. Campbell (Sherbrooke Academy),) ,
167. Emma M. Giff (Sherbrooke Academy), 194. Ethel M. Heans (Girls' H. S., St. John, N.B.),	equal 507
Charles F. Hyde (Montreal High School)	
103. M. A. Hanran (Inverness Academy), equa	d 495
482. Estella M. A. Vaughan (Girls' H. S., St. John,	N.B.), 488
203. Mabel M. Libby (Waterloo Academy),	481
101. Ella M. Bradford (Granby Academy),	477
61. Arthur Reinhardt (Montreal Coll. Institute),	475
25. Lewis McI. Terrill (Montreal High School),	469

MARKS.

No.	Marks.
204. Grace C. Macfarlane (Waterloo Academy),	468
210. Louise Currie (Westmount Academy),	467
, 50. Elizabeth Turfus (Girls' High School, Montreal),	459
164. J, Arthur Robinson (Stanstead Wesleyan College),	447
207. Howard Clogg (Westmount Academy),	446
III. Harry S. Williams (Knowlton Academy),	445
, 59. Rupert Howard (Montreal Coll. Institute),	438
23. David F. Robertson (Montreal High School),	435
159. Lennie Holland (Stanstead Wesleyan College),	429
84. M. Winifred Reade (Compton Ladies' College),	428
18. Sydney Mitchell (Montreal High School),	426
174. Jacob Samuels (Sherbrooke Academy),	419
2. Hugh H. Boyd (Montreal High School),	415
27. Samuel S. Wells (Montreal High School),	407
112. Nora A. Brantford (Lachute Academy).	405
169. Ella H. McPhadden (Sherbrooke Academy),	396
3. Charles M. Brewster (Montreal High School),	395
33. Jennie Eveleigh (Girls' High School, Montreal),	394
53. Andrew Forman (Montreal Coll. Institute),	393
58. Ernest Hawley (Montreal Coll. Institute), } equal 175 Una M. Williams (Sherbrooke Academy), }	389
97. Robert H. Stevenson (Danville Academy),	376
176. Percy D. Boright (Sutton Academy),	375
78. Chauncey A. Adams (Coaticook Academy),	374
126. Fraser Sutherland (Paspebiac Model School),	355
83. Etta M. Munroe (Compton Ladies' College),	347
104. A. H. King (Inverness Academy),	341
11. David L. Crawford (Montreal High School),	337
44. Eliza Miller (Girls' High School, Montreal),	325
230. Alice Harbour (Haldimand Model School),	321
91. Mabel McRae (Cookshire Academy),	317
134. George S. Ewing (St. Francis Coll. School),	290
II. Over 18 Years of Age.	
226. Robert Elder (Huntingdon Academy),	746
98. Ada A. Ellison (Cowansville Academy),	659
229. Alex. F. Rowatt (Huntingdon Academy),	658
224. Helen D. Buckham (Huntingdon Academy),	648
129. Jules O. Lefebvre (Quebec High School),	636
196. Georgina G. S. Godfrey (Girls' High School, St. John, N.B.),	630
214. Maggie Greig (Westmount Academy),	578
77. Frank O. Call (Sutton Academy),	579
42 Maggie M Luttrell (Girls' High School Montreal)	r68

arks.

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	No.												M	arks.
	205.	Lee V	N. Ma	artin (Water	loo A	cadem	y),						565
	28.	Perci	val S.	Wood	d (Mo	ntreal	High	Scho	ol),					553
	228.	Willia	am Ne	ess (H	unting	don A	cader	ny),						540
	82.	Faith	Fyles	(Con	npton	Ladie	s' Col	llege),						532
	199.	Franc	es B.	Perle	y (Gir	ls' Hi	gh Sc	hool,	St. Jo	hn, N	.B.),			488
	106.	Minn	ie B.	Letend	dre (K	ingsto	n Lac	lies' C	ollege	:),				470
	165.	Georg	gie M.	Bradl	ley (S	herbro	ooke A	cader	ny),					450
		Effie							ege),					423.
	130.	Frank	clin G	ray (C	Quebec	High	Scho	ool),						411
	227.	Alexa	ander	Gardn	er (H	unting	don .	Acade	my),					401
	172.	Grace	E. N	ourse	(Sher	brook	e Aca	demy)	,					395
		Hara										9		387
		Herb			-		-		l),					385
	-	Beatr			•			my),						373
		Berth												360
		Lydia							ege),					342
		Lizzi												323
		Berth												321
	79.	Cora	A. D	avis (Coatic	ook A	Acader	ny),						314
			I	AŚS	ED T	HE F	PREL	IMIN	ARY	SUB	JECT	s.		
						(In	order o	of num	bers.)					
	5	17	53	63	67	68	107	120	198	201	234	235	236	237
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	280	281	282	285	287	289	292	293	294	295	296	297	298	301
	302	303	304	305	306	307	311	312	313	314	315	316	319	323
	324	326	329	330	331	332	334	335	337	340	341	343	345	349
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	455	135												

McGILL UNIVERSITY, MONTREAL.

JUNE, 1896.

The following Candidates have passed the Examinations required for Entrance.

I. In Arts and Medicine.

Politica Heles D. Harris alex Ol	Lefeles Teles O
Buckham, Helen D., Huntingdon, Q	Lefebvre, Jules O., Quebec
Chamberlain, Alex. F., Ottawa	Lunder Jeanne F., Montreal
Chamberlain, Alex. F., Ottawa Cleghorn, Jas. H., Montreal Clogg, Vivian, Westmount, Q	Mackinnon, Cecil G., Montreal
Clogg, Vivian, Westmount, Q	McBean. Grace, Westmount, Q
Cochrane, Donald, Montreal	Marcuse, Bella, Montreal
Cohen, Abraham, Montreal	Mills, Edna, Westmount, Q
Cooke, Lester, Montreal	Morrow, Jas. J., Fergus, O
Copeman, Joseph H., Quebec	Ness, Wm., Huntingdon, Q
Currie Alexander, Westmount, Q	Noyes, Ralph, Montreal
Dyer Gladys, Westmount, Q	Nutter, John A., Montreal
DePencier Jos., Vancouver, B.C.	Ogden, Chas. G., Three Rivers, Q.
Dixon, Jas. Dodd, Montreal	Parsons, Bertha D., Montreal
Edwards, Allice M., Montreal	Paterson, Arthur, Montreal
Edwards, Wm., Ottawa	Ritchie, Chas. F., Montreal
Ells, Sydney C., Ottawa	Ross, Lorne, Montreal
Flint, Mary F., Stanstead, Q	Rowatt, T. Alex., Huntingdon, Q
Flint, Roy A., Stanstead, Q	Shepherd, Ernest G., Montreal
Fraser, Kath., N. Westminster, B.C.	Simpson, S. H., Vankleek Hill, O
Garlick, Edith, Montreal	Smith, Frederick, Montreal
Garlick, Louise, Montreal	Stewart, Jessie, Montreal
Greig, Maggie, Westmount, Q	Stewart, Chas. A., Williamstown, O
Grier, Geo. W., Montreal	Tiffin, John E, Montreal
Hibbs, Herbert G., Montreal	Trenholme Harold, Westmount, Q
Hill, Helen A., Stanstead, Q	Walker, Horatio, Quebec
Hill, Wendell, Stanstead, Q	Weinfred, Henry, Montreal
Holland, Linnie, Stanstead, Q	Willis, Elizabeth I., Dunham, Q
Horsfall, Frank L., Montreal	Wood, Percival S., Montreal
Jackson, E. Gertrude, Montreal	Woodley, Edward C., Montreal
Jenkins, Arthur J., Montreal	Walford, Wm., Westmount, Q
King, Ada B., N. Westminster, B.C	Watson, Geo. A., Williamstown, O
Lefebyre, Maude, Cookshire, Q	mateou, deor in, minimetown, o
Deletitie, Littlet, Cookshire, &	

II. In Medicine.

Adams, Chauncey A.,	Coaticook, Q	Gunn, Wm. J., Wil	liamstown, O
Barrington, Fred. H.,		Henderson, James A.,	Montreal
Boright, Percy D.,		Hicks, Hiram P.,	Quebec
Bridgette, Samuel,		Hosmer, Elwood B.,	Montreal
Brown, Walter,	Montreal	Martin, Lee W	Waterloo, Q
Donaldson, Anson S.,		Pangman, John H.,	Montreal
Duncan, James W.,		Phelan, Wm. A.,	Montreal
Elder, Robert,		Robertson, J. Arthur,	Stanstead. Q
Fitzpatrick, Ch. A., V			Montreal
Gardner, Alex.,	Huntingdon, Q	Stevenson, Robert A.,	Danville, Q
Gray, Franklin,		+Walker, Frank,	
t Passed also in	[14] [4] [[1] [[1] [[1] [[1] [[1] [[1] [

III. In Applied Science.

Adams, Francis P.,	Brantford, O	Moore, N. J.,	Amprior, O
Donaldson, Hugh W.,		Ogilvie, Howard,	Montreal
Gillean, Robert H.,		Osborne, James E. K.	Toronto
Hill, Lawrence,		Pike, Gordon McT.,	Montreal
Howard. Rupert,	Montreal	Robertson, Phillip K.,	Fort Hope, O
Ingraham, Edwin W.,		Sharpe, Pearce,	Montreal
Jost, Percy M.,	Sydney, C.B	Shepherd, Henry L.,	Brockville, O
McDonald, Moorehouse			Montreal
McLaren, John H.,	Pembroke, O	Smith, Geo. B.,	Stratford, O
Miller, Angus K., St.	Catharines, O		

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 three-fourths of the marks; those preceding a double asterisk, at least one-half; those following, at least forty per cent. The numbers of the Schools and Candidates are as follows. Montrea High School (Boys'), 2-29 and 234-290; Montreal High School (Girls'), 30-50 and 291-335. Montreal Collegiate Institute, 1 and 51 to 61 and 336-362; Abingdon School, 67-69; Sabrevois School, 455; Aylmer Academy, 70-73; Bedford Academy, 75 and 77; Coaticook Academy, 78_ 80; Compton Ladies' College, 81-84; Cookshire Academy, 85-92; Danville Academy, 96 and 97; Cowansville Academy, 98; Dunham Ladies' College, 99 and 100: Granby Academy, 101 and 102; Inverness Academy, 103-105; Kingston Ladies' College, 106 and 107; Knowlton Academy, 108-111; Lachute Academy, 112-114; Mansonville Model School, 116-118; Ormstown Model School, 119-124 · Paspebiac Model School, 125 and 126; Quebec High School, 127-133; St. Francis' College School, 134-136; St. Johns' High School, P.Q., 137-145; St. Lambert Model School, 146 and 147; Sawyerville Model School, 148-151; Stanstead College, 154-164; Sherbrooke Academy, 165-175; Sutton Academy, 176-179; Three Rivers Academy, 180-184; Victoria Girls' High School, St. John, N.B., 185-201 and 482; Waterloo Academy, 202-205; Westmount Academy, 206-219; Berthier Grammar School, 220-223; Huntingdon Academy, 224-229; Haldimand Model School, 230; Roslyn College, Montreal, 231; The Misses Gairdner 372; The Miss Symmers' and Miss Smith's, 363 and 365; Girls' High School, Quebec. 373-375].

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for

Quebec ontreal ontreal unt, Q ontreal unt, Q gus, O don, Q ontreal ontreal ers, Q ontreal ontreal ontreal ontreal don, Q ontreal Hill, O ontreal ontreal own, O ontreal unt, Q Quebec ontreal ıam, Q ontreal ontreal unt, Q own, O

> own, O ontreal Quebec ontreal rloo, Q ontreal tead, Q ortreal ville, Q ontreal

187, 212), (6, 54, 127, 130, 146, 189, 224), (53, 100, 106, 133, 203, 213, 215), (4, 26, 103, 173), (126 210, 216), (73, 104, 129, 135), (15, 88, 90, 97, 149, 178, 227, 228), (20, 84, 89, 116, 214), (49, 99, 112, 134), (54, 82, 109, 117, 125, 191, 197), (11, 29, 61, 71, 194), (64, 81, 111, 195), (58, 70, 72, 78,83, 105), (43, 165, 166, 199, 204),** (25, 86, 161), (2, 31, 114), (35, 113), (164, 186), (118, 482), 141, 27, (10, 80, 158, 176), (17, 168, 185), (3, 56, 62, 63, 79, 87, 122, 136, 147, 167, 180, 190, 230, 230,

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Botany.—46, 211, (34, 45, 226), 37,* (105, 224), (43, 93), 37, (113, 114), (206, 214, 218), (82, 103), (177, 196, 225), (197, 212), (31, 100, 217), (165, 167, 215), (42, 83), (40, 41, 158, 168, 187, 219) 44, (84, 202), (50, 200, 208), 199, 210, 188, 190, (174, 191, 195, 204), (25, 172),*** (166, 169, 180), (79, 175), 189, 203, 178, (163, 204, 230), (78, 80, 160).

Chemistry.—13, 211, 24, 43,* 37, 205, (27, 40, 101), 45, (10, 42), 189, (97, 146), (3, 34, 41, 194), 12, (4, 20, 197), (44, 200), 188,** (15, 187), (11, 50), (17, 30), (196, 199).

Physiology and Hygiene.—226, (51, 224), 225, 129, (66, 133, 206),* (25, 56, 105, 162), (218, 227, 228), 202, 58, 55, (65, 98, 103, 229), (12, 60), (54, 107), (15, 156, 159), (100, 101, 130, 158, 177), (213, 217), (81, 168), (2, 106, 163, 207, 216, 219, 230), 210, (89, 125, 178, 212), (82, 127, 166), (62, 96, 148, 163, 175), (114, 146, 214), 169, (83, 92, 160, 184), (157, 208), (84, 104, 112, 154, 164), (87, 128, 149, 151, 204), (53, 61, 90, 172, 203, 215, 232),** (10, 205), (99, 102, 111, 126), (155), (22, 52, 85, 45), (59, 71), (64, 70, 36, 108, 118, 134, 176, 180), 91, (75, 116, 136, 174, 231), (57, 72, 79, 113, 135, 179, 181).

Physics.—(8, 19), (154, 157), 13, 155,* 66, 26, 24, 12, 9, 161, 97,** (18, 23), 29, 205, (6, 14).

Drawing.—13,* 19, 46, 23, 14, 8, 51, (24, 32), 209, (9, 33, 43), 141, 218, (12, 112), (17, 29, 36, 42, 26, 21, 11,** (38, 55, 113, 14, 9, (4, 37), (15,), 30, 16, 35, (2, 6, 20, 27, 28, 34, 39, 45, 47).



Rober tiac Louis Edoua trea Willia

Archib Argue, Ault, Bonnel Brathw Brunell Carron Church Church Church Colquh Corbett Craig, I Crocke Deacon. Dewar, Donaho Drum, I Duckett Elliott, Ellis, G Ewan, Ferguso Findlay Fish, E. Fisk, W Fraser, Fraser. Foss, A Goltman Grant, A Grant, I Hartin, Healy, [Hogan, Howell, Hughson Irvine, A Johnston Keith, H Kelly, J. Kemp, H

Kendrick Lambly, Lander,

Passed the University Examinations.

SESSION 1895-96.

FACULTY OF LAW

PASSED FOR THE DEGREE OF B.C.L.

Robert Thomas Mullin, Leitchfield, Pontiac, Que. Louis Boyer, B.A. (Laval), Montreal Edouard Surveyer, B.A. (Laval), Mon-William Gamble, B.A., Lachine, Q.

173), (126 , (49, 99,

72, 78,83, 482), 141,

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Albert C. Hanson, Barnston, Q William Donahue, B.A., Farnham, Q Réné Pothier Doucet, Montreal Charles D. White, Sherbrooke, Q. Victor Evelyn Mitchell, London, Eng.

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Kelly, J. K.,
Kemp, H. G., Kelly, J. K.,
Kemp, H. G.,
Kendrick, W. N.,
Lambly, W. D.,
Lander, S. E.

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Lander, S. E.

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Morse, L. R., B.A.,
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Macblerson, D.,
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Dalesville, Que
Chatham, Ont
Dalesville, Que
Amortreal
Ormstown, Que
Arnprior, Ont
Montreal
Montreal Macpherson, D.,
MacTaggart, D. D., B.A
McArthur, A. W.,
McDonald, H. K.,
McEwen, D., Montreal Montreal Williamstown, O Pictou, N.S. St. Elmo, Ont McGannon, A. V., Brockville, Ont McGannon, A. V.,
Patrick, D.,
Prescott, A. H.,
Robertson, W. A. T.,
Robins, G. D., B.A.,
Ross, R. O., B.A.,
Ryan, J. P.,
Portage La Prairie, Man
Ryan, E. J.,
Secord, J. H.,
Smellie, W.,
Shaw, R. B.,
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FACULTY OF ARTS.

BACHELORS OF ARTS PROCEEDING TO THE DEGREE OF M.A. IN COURSE

TORY, REV. HENRY M., B.A.

DERICK, CARRIE M., B.A.

HICKSCN, JOSEPH W. A., B.A. (in absentia)

WALLER, REV. C. CAMERON, B.A.

INTERNOSCIA, JEROME, B.A.

PASSED FOR THE DEGREE OF B.A.

In Honours.

(Alphabetically arranged.)

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Ordinary B.A.

(In order of merit.)

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Ross, Herbert.
Paterson, W. Frederick.

Cla

Class

Class

COURSE

Class 11.—Scrimger, J. Tudor.

Howell, Arch. R.
St. James, Leah.
Watson, Mona T.
Coburn, David N.
McCuaig, Mary.
Brown, Justine M.
Denoon, Agnes H.
Turner, William G.
Watt, J. C.

Class III.—Gordon, Alfred E.
Chalmers, Louise H.
McMartin, Thos. A.
Vaudry, M. Olive.
Young, Stephen.

PASSED THE INTERMEDIATE EXAMINATION.

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Paterson, Robt. C. } equal.

Brooks, Harriet.

Duff, Aleck H.
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WORTH, FULTON J. Ross, W. WALTER.

Class III. - TARLTON, B. B.

VINEBERG, ABRAHAM.

BISEOP, WM. GORDON.

DALGLEISH, ROBT. W.

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GRACE, ARCHIBALD.

KNEEN, GRACE A.

JORDAN, FLORENCE M.

McLEOD, ARCH. H.

COLBY, JOHN C. (8)

COSTIGAN, JOHN WM. (8)

EVANS, JOHN HENRY (8)

MACLAREN, ARCH. H. (8)

PLACE, EDSON G. (8)

PRUDHAM, W. W. (8)

REYNOLDS, M. EDNA. (8)

Ross, ARTHUR B. (8)

SHIP, MOSES. (8)

THOMAS, J. WOLFERSTAN (8)

Todd, J. L. (8)

MORRIN COLLEGE.

Class II.—Seifert. Class III.—Meiklejohn (s), Stuart (s).

(s) With Supplemental in one subject (arranged alphabetically).

FACULTY OF APPLIED SCIENCE.

ADMITTED TO THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

(Ad eundem.)

John Taylor Farmer, B.Sc., Liverpool, England. George Harwood Frost, M.E., Plainfield, N.J., U.S.A. David Pearce Penhallow, B.Sc., Montreal.

ADMITTED TO THE DEGREE OF MASTER OF APPLIED SCIENCE.

(In Course.)

Howard Turner Barnes, B.A.Sc., Montreal. David Pearce Penhallow, B.A.Sc., Montreal.

ADMITTED TO THE DEGREE OF MASTER OF ENGINEERING.

(In Course.)

Samuel Fortier, B.A.Sc., Logan, Utah, U.S.A.

Craik, J. 1 Dell, H. H Greer, J. Higgins, C

PASSED FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE.

(In Order of Merit.)

CIVIL ENGINEERING.

George Gray Hare, St. John, N.B.
Harry Ernest Huestis, Halifax, N.S.
Hamilton McMurray Killaly, B.A., Morrisburg, Ont.
Carl Reinhardt, Montreal.
Theophile Denis, Montreal.
William Forrest Angus, B.A.Sc., Montreal.
Alexander Ritchie Dufresne, Ottawa, Ont.

ELECTRICAL ENGINEERING.

Charles Harvey Wright, Renfrew, Ont.
Harry Alexander Chase, Kentville, N.S
William Currie, B.A.Sc., Montreal.
Homer Morton Jaquays, B.A., Montreal.
William Norton Cunningham, B.A.Sc., Montreal.
Henry Richard Trenholme, Montreal.
Stewart Fleming Rutherford, Montreal.

MECHANICAL ENGINEERING.

James Lester Willis Gill, Little York, P.E.I.
Francis Edward Courtice, Port Perry, Ont.
John William Hunter, Kingston Station, Ont.
Thomas Frederick Kenny, Ottawa, Ont.
Ernest Randolph Clarke, Stratford, Ont.
Henry Arthur Bayfield, Charlottetown, P.E.I.
George Alexander Walkem, Kingston, Ont.
Gordon Scott Rutherford, Montreal.
William McDougall, Ormstown, Que.
Albert Edward Smaill, Montreal.

MINING ENGINEERING.

Robert Holden Stewart, Montreal.
Joseph Samuel Raoul Green, Montreal.
Forest Rutherford, Montreal.
William Morton Webb, Petrolia, Ont.
Horace Wilberforce Mussen, Aurora, Ont.

CHEMISTRY.

Arthur McCallum, Maxwell, Ont. William Stule Johnson, Clapham, Que.

FACULTY OF VETERINARY SCIENCE.

PASSED FOR THE DEGREE OF D.V.S.

Craik, J. E. Dell, H. H. Greer, J. Higgins, C. H. Kee, F. N. McCarry, J. J. McNider, S.

Morris, E. H. Ness, J. A. Richards, S. C.

EERING.

SCIENCE.

D SCIENCE.

S.A.

Scholarships and Exhibitions.

SESSION 1895-96.

FACULTY OF ARTS.

I. SCHOLARSHIPS (Tenable for two years).

Year of Award.	Names of Scholars.	Subjects of Examination.	Annual Value.	Founder or Donor.
1894	Robertson, Ino. C.	Mathematics.	\$125	W. C. McDonald.
1894	Hutchinson, Margaret	Mathematics.	125	Donalda Fund.
1894	Scott, Arthur	Nat. Science.	125	W. C. McDonald.
1894	Ferguson, Wm. S.	Class. & Mod. Lang	120	Chas. Alexander.
1894	Saunders, Frank C.	Class.& Mod. Lang	120	Miss Barbara Scott.
1895	Mackay, Malcolm	Mathematics.	125	W. C. McDonald.
1895	Cameron, Mary T.	Mathematics.	125	Sir Donald Smith.
1895	Saxe, John G.	Nat. Science.	125	W. C. McDonald.
1895	Ker, R. Harold	Class. & Mod. Lang	125	W. C. McDonald.
1895	Macmillan, T. R.	Class.& Mod. Lang	125	W.C. McDonald.

II. EXHIBITIONS (Tenable for one year).

Names of Exhibi- tioners.	Academic Year.	Annual Value.	Founder or Donor.
Brooks, Harriet	Second	\$100 &	Ci. D. M.C. id
Gardner, Wm. A.	"	free tuition	Sir Donald Smith. George Hague.
Dalgleish, R. W.	"	125	W. C. McDonald.
Munn, D. Walter	"	125	W. C. McDonald.
Robertson, Lemuel	First	125	W. C. McDonald.
Edward, Arch. T.	"	125	W. C. McDonald.
Brown, Walter G.		100	Major Hiram Mills.
Bruce, Guy O. T.	"	100	Major Hiram Mills.
Ferguson, Colin C.	"	100	Major Hiram Mills.
McDonald, P. Alex.	"	90	Mrs. Jane Redpath.
Potter, Lucy E.	"	120	Sir Donald Smith.

Robert

Louis E Edouard William

> Franc W. O. A. W G. H.

Ewing Armstron Duclos.

> E. Eds Charles Arthur Reginal

Howard Champou

ROMAN

Prizes, Konours and Standing.

SESSION 1895-96.

FACULTY OF LAW.

THIRD YEAR.

GRADUATING CLASS.

Robert Thomas Mullin, First Rank Honours and Elizabeth Torrance Gold Medal.

Louis Boyer, B.A., Laval, First Rank Honours and first prize of \$50. Edouard Surveyer, B.A., Laval, First Rank Honours and prize of \$25. William Gamble, B.A., First Rank Honours and prize for Thesis.

SECOND YEAR.

Joseph Armitage Ewing, First Rank General Standing and prize of \$50. Francis J. Laverty, First Rank General Standing and prize of \$25. W. Oswald Smyth, First Rank General Standing.

A. W. Kneeland, First Rank General Standing.

G. H. A. Montgomery, First Rank General Standing.

PASSED SESSIONAL EXAMINATIONS.

Ewing, Laverty, Smyth, Kneeland, Montgomery, Mansur, Dickson, Stewart, Armstrong, Cook, Jasmin, Brossoit, Bond, Bissonnet, Cole, Boyd, Bickerdike s, Duclos.

FIRST YEAR.

E. Edwin Howard, First Rank General Standing and Scholarship of \$100. Charles Iles, First Rank General Standing and prize of \$50. Arthur Burnet, non-resident Scholarship \$100. Reginald H. Rogers, prize of \$25.

PASSED THE SESSIONAL EXAMINATION.

Howard, Iles, Burnet, Rogers, Marler, Kennedy s, Hickson, Clay aeger s, Champoux s, Elliot s, Hingston s, Semple s.

STANDING IN THE CLASSES.

ROMAN LAW .--

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Fund.

N. W. TRENHOLME, Q.C., D.C.L., Dean, Examiner.

Third Year.—Mitchell and Surveyer, equal; Doucet; Hanson and Mullin and White, equal; Gamble, Boyer, Donahue.

Second Year.—Laverty and Smyth, equal; Montgomery; Kneeland and Cook, equal; Mansur, Jasmin, Cole, Ewing; Bond and Bickerdike and Brossoit, equal; Boyd, Armstrong, Bissonnet, Stewart, Dickson, Duclos.

First Year.—Howard, Iles, Kennedy, Marler, Burnet, Rogers, Hickson; Hingston and Champoux and Semple, equal.

OBLIGATIONS .-

Dean TRENHOLME, Examiner.

Second Year.—Cook and Ewing and Kneeland, equal; Stewart;

Mansur and Laverty, equal; Montgomery, Armstrong; Brossoit and Dickson, equal; Jasmin, Boyd,
Cole, Bissonnet; Duclos and Smyth, equal; Bond,
Bickerdike.

First Year.—Clay, Rogers, Iles, Burnet, Marler, Aylmer, Kennedy, Elliott, Semple; Champoux and Hickson, equal; Howard, ager. s.

LAW OF REAL ESTATE.

PROFESSOR HON. J. S. C. WURTELE, Examiner.

Second Year.—Albert W. Kneeland, Wm. Oswald Smyth, Numa Ed.
Brossoit, G. H. A. Montgomery, Alex. McN.
Stewart, E. H. T. Dickson, Charles H. Mansur,
Francis J. Laverty, Joseph Armitage Ewing, W. L.
Bond, Frank A. C. Bickerdike, Edgar N. Armstrong,
J. E. A. Bissonnet, Leslie H. Boyd, F. Minden Cole,
Pierre S. Jasmin, J. W. Cook, Arnold W. Duclos.

First Year.—Howard, Clay, Burnet, Iles, Rogers, Honan, Hickson, Hingston, Marler, Sinn, Kennedy, Semple, Elliott, Champoux.

COMMERCIAL LAW (JOINT STOCK COMPANIES) .-

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Second Year.—Ewing, Laverty, Kneeland, Cook, Bond; Stewart and Mansur and Montgomery and Smyth, equal; Armstrong, Bickerdike, Bissonnet, Dickson, Boyd Duclos, Jasmin, Cole, Brossoit.

First Year.—Howard, Clay, Iles, Hickson, Rogers, Burnet, Kennedy, Hingston, Marler.

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Brossoit and Cole, equal; Kneeland and Mansur,
equal; Jasmin, Bickerdike, Montgomery; Armstrong
and Stewart, equal; Dickson and Duclos, equal;
Bissonnet, Cole.

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First Year.—Rogers, Marler, Iles, Burnet, Howard, Semple, Hickson; Hingston and Kennedy, equal; Honan and Champoux, equal; Sinn and Elliott, equal.

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LECTURER AIME GEOFFRION, B.C.L., Examiner.

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Second Year.—Montgomery, Smyth, Ewing; Cook and Jasmin and Dickson, equal; Laverty and Mansur, equal; Kneeland and Stewart, equal; Duclos, Bond, Armstrong, Cole; Brossoit and Bissonnet, equal; Bickerdike, Boyd.

First Year.—Rogers and Howard, equal; Iles, Kennedy, Clay, Elliott; Honan and Champoux, equal; Burnet, Hingston; Hickson and Marler, equal; Semple and Sinn, equal.

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CONSTITUTIONAL LAW .-

PROF. ARCH McGoun, M A., B.C.L., Examiner.

- Third Year Boyer, Surveyer, Mullin, Doucet, Donahue, Gamble, Hanson.
- Second Year.—Laverty, Cole, Dickson; Ewing and Montgomery and Smyth, equal; Mansur; Jasmin and Kneeland equal; Armstrong and Brossoit, equal; Bissonnet, Stewart, Bickerdike, Cook; Boyd and Duclos, equal; Bond.
- First Year.—Marler, Iles, Burnet; Rogers and Howard, equal; Clay, Hingston, Kennedy; Hickson and Semple, equal; Honan, Elliott, Sinn, Champoux.

BIBLIOGRAPHY OF THE LAW OF LOWER CANADA .-

PROF. ARCH. McGoun, M.A., B.C.L., Examiner.

- Third Year.—Mitchell and Mullin, equal; Boyer, Gamble and Hanson, equal; Donahue, White, Doucet, Surveyer.
- Second Year.—Ewing, Kneeland, Laverty, Montgomery, Smyth,
 Brossoit, Cole, Bissonnet, Boyd, Jasmin, Stewart,
 Armstrong, Cook; Bond and Dickson, equal;
 Bickerdike, Mansur, Duclos.
- First Year.—Clay, Burnet, Howard, Iles, Champoux, Rogers, Hickson, Elliott, and Honan, equal; Pelland, Marler, Semple.

CIVIL LAW-PRESCRIPTION .-

PROF. FORTIN, LL.L., B.C.L., Examiner.

- Third Year.—Mitchell, Surveyer, Boyer, Mullin, Donahue, Doucet, White, Gamble, Hanson.
- Second Year.—Ewing, Montgomery; Stewart and Smyth, equal;
 Laverty; Mansur and Boyd, equal; Brossoit,
 Kneeland, Cook, Cole, Bissonnet; Jasmin and
 Armstrong, equal; Dickson, Bickerdike, Duclos,
 Bond, Honan.
- First Year.—Iles, Howard, Burnet, Clay, Kennedy, Champoux, Marler, Rogers, Elliott, Hickson, Pelland, Hingston, Semple.

MUNICIPAL LAW .-

PROF. FORTIN, Examiner.

Third Year.—Surveyer, Gamble, Mullin, Hanson, Boyer, Donahue, Doucet.

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Second Year.—Dickson, Mansur, Ewing, Smyth, Bissonnet, Kneeland, Laverty, Armstrong, Cole, Jasmin, Stewart, Brossoit; Bond and Duclos, equal; Cook, Boyd, Montgomery, Bickerdike.

First Year.—Howard, Iles, Rogers, Kennedy; Hickson and Marler, equal; Burnet; Semple and Sinn, equal; Elliott, Honan, Champoux, Hingston.

REGISTRATION OF REAL RIGHTS.-

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PROF. W. DE M. MARLER, M.A., Examiner.

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Second Year.—Armstrong, Kneeland, Smyth; Cook and Laverty and Mansur, equal; Ewing, Bond, Bissonnet; Brossoit and Montgomery and Dickson, equal; Stewart; Boyd and Cole and Duclos and Jasmin, equal.

First Year.—Howard, Kennedy, Elliott; Clay and Marler and Burnet, equal; Rogers, Iles; Hickson and Hingston, equal; Champoux and Honan and Semple, equal.

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LAW OF PATENTS AND TRADE MARKS.-

PROF. HARRY ABBOTT, Q.C., Examiner.

Third Year.—Surveyer and Mullin, equal; Gamble; Donahue and Doucet, equal; Hanson, Boyer, White.

Second Year.—Ewing and Smyth, equal; Laverty, Jasmin; Bond and Dickson, equal; Bissonnet and Boyd, equal; Stewart; Brossoit and Cook and Montgomery, equal; Kneeland and Mansur, equal; Cole; Armstrong and Bickerdike, equal; Duclos.

First Year.—Clay and Hickson, equal; Howard and Rogers, equal Burnett, lles, Marler, Hingston, Elliott, Sinn, Semple, Champoux, Honan.

INTERNATIONAL LAW.—

PROF. EUGENE LAFLEUR, B.A., B.C.L., Examiner.

Third Year.—Gamble, Boyer, Mullin; Hanson and Surveyer and White, equal; Doucet, Donahue.

Second Year.—Laverty, Ewing, Montgomery, Dickson, Kneeland, Smyth; Bond and Cole, equal; Duclos and Stewart, equal; Jasmin, Mansur, Armstrong, Bissonnet, Bickerdike, Cook, Brossoit, Boyd.

First Year.—Howard, Clay, Burnet, 1les; Hingston and Rogers, equal; Marler, Hickson, Kennedy, Champoux, Honan, Semple, Elliott.

HISTORY OF ROMAN LAW .-

LECTURER, P. C. RYAN, B.C.L., Examiner.

First Year.—Howard; Iles and Clay, equal; Burnet, Marler, Hickson; Rogers and Semple, equal; Kernedy, Hingston, Honan; Sinn and Elliott, equal.

CIVIL PROCEDURE.

LECTURER RYAN, Examiner.

Second Year.—Laverty, Dickson, Ewing; Smyth and Montgomery, equal; Stewart, Boyd, Cole; Brossoit and Jasmin, equal; Kneeland and Bissonnet, equal; Armstrong, Mansur, Duclos, Bond, Cook, Bickerdike.

First Year.—Iles, Howard, Burnet; Champoux and Kennedy, equal; Marler; Honan and Elliot, equal; Hickson, Semple, Rogers, Sinn, Hingston.

FACULTY OF MEDICINE.

MEDALS AND PRIZES.

THE HOLMES MEDAL is awarded to GEORGE DOUGALL ROBINS, B.A., of Montreal, Que.

THE FINAL PRIZE is awarded to GEORGE REGINALD DEACON, of Stratford, Ont.

THE CLEMASHA PRIZE is awarded to ROBERT OSWALD ROSS, B.A., of Ross-ville, N.S.

THE CLINICAL CHEMISTRY PRIZE is awarded to FREDERICK BURKE CARRON, of Brockville, Ont.

THE SUTHERLAND MEDAL is awarded to ARTHUR LYALL MCMURTRY, of Bowmanville, Ont.

THE SECOND YEAR PRIZE is awarded to WILLIAM OLIVER ROSE, of Lakeville, P.E.I.

THE SENIOR ANATOMY PRIZE is awarded to WILLIAM OLIVER ROSE, of Lakeville, P.E.I.

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THE FIRST YEAR PRIZE is awarded to ALVAH HOVEY GORDON, of St. John, N.B.

THE JUNIOR ANATOMY PRIZE is awarded to LAUGHLIN GEORGE CAMERON, of Ottawa, Ont.

THE BOTANY PRIZE is awarded to THOMAS TURNBULL, of Stratford, Ont.
THE ZOOLOGY PRIZE is awarded to ALVAH HOVEY GORDON, of St. John,
N.B.

HONORS IN THE FINAL BRANCHES.

	HONORS IN THE P	MAL DI	ARCHES.
1	Robins, G. D., B.A.	10	Fisk, W. M.
2	Deacon, G. R.	11	McDonald, H. K.
3	Kendrick, W. N.	12	Mitchell, R. W., B.A.
4	Archibald, E. W., B A.	13	Smith, R. E. G., B.A.
5	Secord, J. H.	14	Slack, T. J.
6	Carron, F. B.	15	Lynch, D. P.
7	Moffatt, W. A.	16	Ross, R. O., B.A.
8	Argue, J. F.	17	Shaw, R. B.
9	Corbett, F. A. F., B.A.		

HONORS IN SECOND YEAR SUBJECTS.

ı	Rose, W. O. (Prize-man).	10	Patterson, F. P.
2	Cushing, H. B., B.A.		McLeod, J.
3	Smith, A. M., B.A.	12	Bell, J.
4	Gillies, B. W. D.	13	Covert, A. M.
5	Schwartz, H. J.	14	Dalpé, W. H., B.A.
6	Grace, N.	15	McMurtry, A. L.
7	Duncan, R. G.	16	Peters, C. A.
8	Banfill, S. A.	17	Davidson, C.

9 Powers, M., B.A.

THE FOLLOWING STUDENTS OF THE SECOND YEAR HAVE PASSED IN ALL OF THE SUBJECTS OF THE YEAR, VIZ:—ANATOMY, PRACTICAL ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY, PHYSIOLOGY, PRACTICAL PHYSIOLOGY, HISTOLOGY and MATERIA MEDICA.

Banfill, S. A.	Blackett, J. W., B.A.	Delmage, F. W., B.A.
Barclay, James	Brown, C. L.	Dalpé, W. H., B.A.
Barlow, W. L., B.A.	Campbell, I. G.	Darche, J. A.
Bearman, G. P.	Corbet, G. G.	Davidson, C.
Bayfield, G. E.	Covert, A M.	Deane, R. B.
Bell, J.	Cushing, H. B., B.A.	Dickson, S. M., B.A.

Doyle, J. J. Duncan, R. G. Duval, J. L. Eberts, E. M. von Finnie, J. H. Forbes, A. M. Fraser, F. C., B.A. Gilday, F. W. Gladman, E. A. Gillies, B. W. D. Grace, N. Green, F. W. Harvey, F. W., B.A. Hayden, E. W., B.A. Houston, J. C., Hudson, H. P. Jackson, F. S. Johnston, J. A. Lang, A. A. J. Lockary, J. L.

Lynch, W. W. Lyster, H. F. Mooney, M. J. Myers, D. A. Macaulay, J. F. McDougall, G. P. McDonald, D. J. McElroy, A. S. McKinnon, F. W. McLean, J. R., B.A. McLennan, P. A. McLeod, J. McMurtry, A. L. McRae, W. R. Ogilvy, C., B.A. Outhouse, J. S., B.A. O'Shaughnessey, L. J. Pallister, W. T. Palmer, A. J. Patterson, F. P.

Peters, C. A. Pittis, H. Powers, M., B.A. Ritchie, A. A. Robertson, A. R. Rose, W. O. Scanlan, M. H. Schwartz, H. J. Sihler, W. F. Smith, A. M., B.A. Soden, A. E. Telford, R., Thomas, H. W. Tiffany, G. S. Tozer, F. W. Trites, C. B. West, J., M.A. Whittan, D. A. Wilson, F. W. E.

HONORS IN FIRST YEAR SUBJECTS.

I Gordon, A. H. (Prize-man).

2 O'Brien, J. R., B.A.

3 Sutherland, W. H.

Drier, N. E.

⁴ Nicholson, F. J., B.A.

6 Murphy, E. F.

7 McNaughton, F. M. A., B.A.

8 Burnett, W. B., B.A.

9 Turnbull, T.

10 Tooke, F. T., B. A.

Galbraith, W. S. Levy, A., B.A.

13 Cram, W. J.

14 Doull, A. E. Fitzgerald, C. T.

16 Gray, C. F. A.

17 Casselman, P. C.

18 McKechnie, W. C.

19 Dyer, E. O., B.A.

20 Shore, R. A. A., B.A.

Burris, J. S.

22 Cummings, W. A.

23 Whillans, H. A.

24 McNiece, T.

25 { Jones, D. C. Wilkins, W. A.

THE FOLLOWING STUDENTS HAVE PASSED IN ALL SUBJECTS OF THE FIRST YEAR, COMPRISING:—ANATOMY, PRACTICAL ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY, PHYSIOLOGY, PRACTICAL PHYSIOLOGY, BOTANY (or ZOOLOGY), PRACTICAL HISTOLOGY.

Allen, W. C. Bowles, C. T.

Bradley, J. H.

Burnett, W. B., B.A. Burris, J. S.

Cameron, L. G.

Casselman, P. C. Cram, W. J.

Cummings, W. A.

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O'Brien, J. R., B.A. Cunningham, A. A. Logie, A. E. Cuzner, G. Ross, S. A. Love, R. H. Doull, A. E. Ryan, G. H. W. Murphy, E. F. Drier, N. E. MacDonald, J. S. Shore, R. A. A., B.A. Dyer, E. O., B.A. MacKenzie, C. A. Sutherland, W. H. Thompson, G. H. Fitzgerald, C. T. McDougall, A. Tooke, F. T., B.A. Fourney, F. W., B.A. McKay, J. G. Turnbull, T. Galbraith, W. S. McKechnie, W. C. McNally, D. A. Gordon, A. H. Whillans, H. A. McNaughton, F.M.A., B.A. Wilkins, W. A. Gray, C. F. A. Green, E. McNiece, T. Witherbee, W. D. Jones, D. C. Nash, A. C. Wood, J. II. Law, R. Nicholson, F. J., B.A. Woodley, J. W. Levy, A., B.A. Noble, E. C.

FACULTY OF VETERINARY SCIENCE.

PRIZES.

Veterinary Medicine and Surgery—H. H. Dell. Anatomy—R. G. Matthew.
Cattle Pathology—H. H. Dell.
Cynology—H. H. Dell.
Pharmacology and Therapeutics—H. H. Dell.
Botany—W. B. Wallis.
Chemistry—B. B. Killam.
Physiology—B. A. Sugden.

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For the best general examination in all subjects-Silver Medal-H. H. Dell.

EXTRA PRIZES.

For the best essay read before the Veterinary Medical Association: 1st—H. H. Dell. 2nd and 3rd prizes are added together, and divided between Messrs. Kee, Higgins and Ness.

For the best essay read before the Society for the Study of Comparative Psychology: 1st—R. G. Ma:thew. 2nd—H. H. Dell. 3rd—F. W. Kee. The first year prize was won by J. P. Spanton.

Professor Adami's Prize of \$50 for Original Pathological Research, open to Students in the final years in Human and Comparative Medicine. Divided between C. H. Higgins, B.Sc., Comp. Medicine, and Mr. R. H. Martin, Human Medicine, Mr. Higgins' work being on an epizootic of chicken cholera near Montreal.

FACULTY OF ARTS.

GRADUATING CLASS.

B.A. Honours in Mathematics and Natural Philosophy.

ROBERTSON, JOHN C.—First Rank Honours and Anne Molson Gold Medal. HUTCHINSON, MARGARET.—First Rank Honours.

B. A. Honours in Classics.

HAMMOND, ELIZABETH A.—First Rank Honours and Chapman Gold Medal. FERGUSON, WILLIAM S.—First Rank Honours.

B.A. Honours in Geology, Mineralogy and Palaentology.

Scott, Arthur P.—First Rank Honours and Logan Gold Medal. Pollock, Thomas J.—Second Rank Honours.

B.A. Honours in Mental and Moral Philosophy.

LENNON, WALTER S .- First Rank Honours and Prince of Wales Gold

SAUNDERS, FRANK C.—First Rank Honours.
MACPHAIL, JEANETTA.—First Rank Honours.

B.A. Honours in English Language, Literature and History.

FRASER, ALICE.—First Rank Honours and Shakespeare Gold Medal. NICHOLLS, AMY G.—First Rank Honours (Special Prize).

CAMPBELL, GEORGE A .- First Rank Honours.

MITCHELL, KATHARINE R. - } equal; First Rank Hopours.

HURST, I. ETHEL .- First Rank Honours.

SMILEY, FRANK C. -First Rank Honours.

BOTTERELL, FLORENCE A .- First Rank Honours.

B. A. Honours in Modern Languages and History.

LOCKE, WINIFRED .- First Rank Honours and Aberdeen Gold Medal.

Special Certificate for First Rank General Standing.

Molson, Kenneth.—Special Certificate and Hiram Mills Gold Medal. PATERSON, W. FREDERICK.—Special Certificate.

Ross, HERBERT .- Special Certificate.

New Shakspere Society's Prize.

TRENHOLME, NORMAN McL., B.A.

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THIRD YEAR.

- Mackay, Malcolm.—First Rank Honours and Prize in Mathematics and Natural Philosophy; First Rank General Standing.
- CAMERON, MARY T.—First Rank Honours in Mathematics and Natural Philosophy; First Rank General Standing.

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- MacMillan (T. R.).—First Rank Honours in Classics; First Rank General Standing; Prize in Greek; Prize in Latin.
- SAXE, JOHN G.—First Rank Honours, and Prize in Mental and Moral Philosophy; First Rank Honours in Natural Science; First Rank General Standing; Prize in Zoology.
- Ross, Elizabeth.—First Rank Honours and prize in Mental and Moral Philosophy; First Rank General Standing.
- CAMPBELL, ROLAND P.—First Rank Honours in Natural Science; First Rank General Standing.
- ARCHIBALD, SAMUEL.—First Rank Honours and Prize in English Language, Literature and History; First Rank General Standing; Prize in English and Rhetoric; Prize in French.
- Young, Laura A.—First Rank Honours in Modern Languages and History; First Rank General Standing; Prize in Latin; Prize in French; Prize in German.
- Rugg, M. Alice.—First Rank Honours in Modern Languages and History.
- KER, ROBT. HAROLD.—First Rank Honours in Classics.
- Doull, Ethel M.—First Rank Honours and prize in Mental and Moral Philosophy.
- McLEOD, DONALD M .- First Rank Honours in Natural Science.
- WALBRIDGE, MABEL H .- First Rank Honours in Natural Science.
- Holden, Margaret L.—First Rank Honours in English Language, Litera ture and History.
- WYMAN, DANIEL B.—First Rank Honours in Semitic Languages and Literature.
- STEACY, F. W.—Second Rank Honours in Classics.
- GALT, ANNIE PRINCE.—Second Rank Honours in English Language, Literature and History.
- McMaster, Andrew R.—Second Rank Honours in English Language, Literature and History.
- SMITH, A. LOUISE.--First Rank General Standing; Prize in Greek; Prize in Zoology.
- ROWAT, -.- First Rank General Standing.

THIRD YEAR.

PASSED THE SESSIONAL EXAMINATION.

Mackay, Archibald, Saxe, Young, Campbell (Roland); Macmillan and Rowat and Cameron and Smith, equal; Ross (E.), Henderson, Howard, Wyman (D. B.), McBurney (Chas.); Brown and Wyman (N. B), equal; McLeod; Campbell and Trenholme, equal; Ker and Macfarlane, equal; Doull; Willis and Reynolds, equal; Watters, Macmaster; Armstrong and Ryan, equal; Holden and Walbridge, equal; Russell; McLean and Mallinson and Steacy and Galt and Rugg, equal; Boyce and Johnston and Stevenson, equal; Crack and Ross (A. R.), equal; Moore, Douglas, Ives, McBurney (E. E.), Watson, Stephen.

SECOND YEAR!

- BROOKS, HARRIET.—(Seaforth Coll. Institute).—First Rank Honours and Prize in Mathematics; First Rank General Standing; Prize in German.
- Munn, D. Walter.—(Quebec H. S.).—First Rank Honours in Mathematics; First Rank General Standing Prize; General Standing; Prize in Greek; Prize in French; Prize in German.
- THOMPSON, JAS. RICHARD.—(Sarnia College Institute).—First Rank Honours in Mathematics.
- BRUCE, JOHN C.—(Huntington Academy).—First Rank Honours in Mathematics.
- GARDNER, Wm. A .— (Huntingdon Academy). First Rank Honours in Mathematics.
- CARR, MURIEL B.—(Girls'High School, St. John, N.B.).—First Rank General Standing; Prize in Latin; Prize in Psychology and Logic; Prize in Modern History.
- PATERSON, C. ROBT.—(Montreal Coll. Inst.).—First Rank General Standing; Prize in Modern History; Prize in Botany.
- PATERSON, EDSON R.—(St. Francis College).—First Rank General Standing; Prize in Latin.
- Turner, H. H.—(Carleton Place H. S., (Ont).—Prize in Psychology and Logic.
- Heine, M. C.—(Leal's School, N.Y., U.S.).—Prize in Psychology and Logic.
- WALKER, LAURA F. M .- (Private Tuition) .- Prize in Botany.
- CAMERON, FRANCES M. T .- (Trafalgar Institute.) Prize in French.
- KNEEN, GRACE A .- (M. G. H. S.) .- Prize in French.

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PASSED THE SESSIONAL EXAMINATION.

Munn, Carr, Paterson (R. C.), Brooks, Duff, Paterson (E. R.), Bourke-Wright, Turner (H. H.); Gilday and Myer, equal; Bruce, Heine, Leney, Campbell, Shaw, McConnell, Walker, Thompson, Cameron, Gardner, Leet, McGregor, Turner (W. D.), Codd, Worth, Ross (W. W.), Tarlton, Vineberg, Bishop, Dagleish, Pearson, Grace, Kneen, Jordan, McLeod, Colby (s), Costigan (s), Evans (s), Maclaren (s), Place (s), Prudham (s), Reynolds (s), Ross (A. B.) (s), Ship (s), Thomas (s), Todd (s).

s.—With supplemental examination in one subject (arranged alphabetically).

FIRST YEAR.

- EDWARD, ARCHIBALD T.—(Montreal Collegiate Institute).—First Rank Honours and Prize in Mathematics; First Rank General Standing; Prize in Latin; Prize in German.
- FERGUSON, COLIN C.—(Prince of Wales College, P.E.I.).—First Rank Honours and Prize in Mathematics; First Rank General Standing; Coster Memorial Prize.
- ROBERTSON, LEMUEL.—First Rank Honours in Mathematics; First Rank General Standing; Prize in Greek; Prize in English; Prize in Ancient History.
- BRUCE, GUY O. T .- (Huntingdon Academy) .- First Rank Honours and Prize in Mathematics.
- McClung, Robert K.—(Hamilton Collegiate Institute).—Second Rank Honours in Mathematics.
- Holiday, Annie.—(Montreal Collegiate Institute).—First Rank General Standing; Prize in History; Prize in French.
- McLeod, J. B.—(Prince of Wales College, P.E.I.).—First Rank General Standing.
- Potter, Lucy E.—(McGill Normal School).—Prize in Greek; Prize in Latin.
- WHITE, E. HAMILTON.—(Abingdon School Montreal.)—Prize in Chemistry.
- PATCH, FRANK S .- (Montreal High School) -- Prize in French.
- McGill, I. Winifred .- (Ottawa Collegiate Institute) .- Prize in German.
- FINLEY, KATHLEEN E .- (Trafalgar Institute) .-- Prize in French.

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FIRST YEAR.

PASSED THE SESSIONAL EXAMINATIONS.

Robertson, Edward, Ferguson, McLeod (J. B.), Holiday, Bruce, McClung, Ells, White, Patch, Potter, Cotton, Brown, McGill, Goodall, Radford; Duguid and Henderson and Wainwright, equal; King, McDonald, McKenzie, Rice, Scrimger, Keith, Johnson (H.), Finley, Oswald, Reid, Lee, Johnson (R. De L.), Lundie, Parks, Laurie, Hurst, Hardisty, Mathers, Baker (G. H.), Burke (E. A.) (s), Burton (s), Cumming (s), Dixon (s) Kingsbury (s), McDougall (s), Munroe (s), Reynolds (s), Scriver (s), Stewart (s).

(8) With supplemental examination in one subject (arranged alphabetically.

AWARD OF SCHOLARSHIPS, EXHIBITIONS AND CLASSING AT ENTRANCE, SEPTEMBER, 1895.

I. Third Year.—Scholarships (tenable for two years).

Mathematical Scholarship.—*Mackay Malcolm.

""Donalda Dept.—†Cameron, Mary T.

Natural Science Scholarship—*Saxe, John G.

Classical and Modern Language Scholarship.—*Ker, H.; *Macmillan, T. R.

II. SECOND YEAR—EXHIBITIONS (tenable for one year).

† (a) Brooks, Harriet, Seaforth Coll. Institute.

§§Gardner, Wm. A., Huntingdon Academy.

*Dalgleish, R. W., Huntingdon Academy.

*Munn, D. W., Quebec High School.

III. FIRST YEAR.—HIGHER ENTRANCE AND EXHIBITION EXAMINATION.

Class I.— {*Robertson, L., Prince of Wales Coll., P.E.I.; Exhibition. {*Edward, A. T., Montreal Coll. Institute, "

**Brown, W. G., Huntingdon Academy, "

{**Bruce, Guy O. T., Huntingdon Academy, "

{**Ferguson, Colin C., Prince of Wales Coll., P.E.I.,"

††McDonald, P. Alex., Huntingdon Academy, "

†(b) Potter, Lucy E., McGill Normal School, "

‡ Henderson, Ernest H., Huntingdon Academy, Bursary.

Class II.—Johnson, R. De L., Montreal Coll. Inst. Duguid, Robert C., M. H. S. Millar, W. K., Pembroke H. S. Stewart, D., Almonte H. S.

Passed .- Stuart, James, Huntingdon Academy.

† Annual value, \$125—Donor, Sir Donald Smith.

* " \$125—Founder, W. C. McDonald, Esq.

§§ " \$125—Donor, George Hague, Esq.

† (a) " \$100 and free tuition—Sir Donald Smith.

† (b) " \$120—Donor, Sir Donald Smith.

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\$120—Donor, Sir Donald Smith.

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\$100—Founder, Major Hiram Mills.

th "

\$90—Founder, Mrs. Jane Redpath.

MacDonald Bursary.

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SUPPLEMENTAL EXAMINATIONS.

September to Christmas 1895.

(a) Supplemental Sessional.

THIRD YEAR .- Ashdown.

SECOND YEAR .- Moore (Wm.), Stephen, Pinder.

(St. Francis Coll.)-Watson.

FIRST YEAR.—Evans, Steen, Place.
(Stanstead Coll.)—Edson.

(b) Supplemental in one sudject.

SECOND YEAR.-McMaster, Stevenson, Willis, Hinds.

(St. Francis Coll.)-Crack.

(Stanstead Coll.)—Du Boyce.

FIRST YEAR.-Dutton, Luttrell, MacLeod, Moore, Stephens, Tarlton, Todd.

SESSIONAL EXAMINATIONS, 1896.

McGILL COLLEGE.

(Partial students are indicated by asterisks).

GREEK.

- B.A. Ordinary.—Class I.—Ferguson, Hammond, Ross, Molson, Turner. Class II.

 Howell and Scrimger, equal; Coburn. Class III.—Brown, Pollock,
 Chalmers, McMartin, Young.
- Third Year.—Class I.—MacMillan (Prize), Kerr, Smith (A. L.), (Prize), Henderson. Class II.—Ross; Willis and Wyman (H.B.), equal. Class III.—Johnston, Doull, Armstrong, McBurney, McLeod; Campbell (E. M.) and Steacy, equal; Mallinson, McLean, Douglas, Crack, Watson.
- SECOND YEAR.—Class I.—Munn (Prize), Meyer; Gilday and Ship, equal; Bourke-Wright and Carr, equal; Brookes. Class II.—Gardner and Heine and McLaren and Paterson (E. R.), equal; Costigan and McGregor and Stephens, equal; Paterson (R. C.) and Turner (W. D.), equal; Campbell and McConnell and Place and Ross (W. W.), equal; Bruce and Leet, equal; Cameron and Dalgleish and Kneen, equal. Class III.—Leney and Ross (A. B.) and Tarlton and Turner (H. H.) and Worth, equal; Grace and Larmonth and Thompson and Vineberg, equal; Duff and Evans and Reid, equal; Ogilvy (B. A.), Shaw; Bishop and McLeod, equal; Steen, Nunns.
- FIRST YEAR.—Class I.—Robertson (Prize), Edward, Ferguson, Brown, Potter (Prize). Class II.—Wainwright; Bruce and Holiday, equal; Goodall and McLeod (T. B.) equal; Burton, Rice, Patch, Ells. Class III.—Keith and Lee, equal; Coton; McClung and Oswald, equal; Duguid and McDonald, equal; Douglas and Lundie and Stewart (D.) equal; Cumming and Johnson (R. D.) and White, equal; McKenzie; Henderson and Millar, equal; Parks; Baker and Dewitt and Mathers, equal; Hurst; Dixon and Munroe, equal; Roberts, Laurie, Hardisty, Mackay.

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Reid, Lee,

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- B.A. ORDINARY.—Class I.—Ferguson and Hammond, equal; Ross, Molson, Turner. Class II.—McCuaig, Paterson. Class III.—Watson, Gordon, Brown, Denoon, McMartin, St. James, Chalmers, Vaudry.
- Third Year.—Class I.—McMillan (Prize), Rowat, Howard, Wyman (H. B.), Young, Henderson. Class II.—Trenholme, Campbell (R. P.); Holden and Ker and Steacy, equal; Browne and Macfarlane, equal; Galt and McBurney (C.), equal; Ives and Reynolds, equal. Class III.—Campbell (E. M.), Crack, Walbridge, McBurney (E. E.); Ryan and Stevenson, equal; McMaster and Russell, equal; Watters, Moore; Hinds and Rugg, equal; Stephen.
- SECOND YEAR.—Class I.—Carr (Prize), Paterson (E. R.) (Prize), Ship, Meyer, Munn, Paterson (R. C.), Turner (H.), Bourke-Wright, Gilday, Heine. Class II.—Brooks, Maclaren, Cameron, Duff, Leet, Ross (W. W.), Turner (W. D.); McGregor and Worth, equal; Walker; Leney and McConnell, equal; Codd, Gardner. Class III.—Campbell; Shaw and Tarlton, equal; Bruce, Vineberg, Grace Prudham, Thompson, Pearson; McLeod and Kneen, equal; Stephens, Bishop, Dalgleish, Steen, Ross (A. B.), Jordan, Place, Dover, Evans, Nunns, Todd, Reynolds, Moore, Heeney, Costigan, Thomas, Larmonth, Colby.

LATIN PROSE COMPOSITION.

- SECOND YEAR.—Class 1.—Carr (Prize) and Munn (Prize), equal; Paterson (E. R.), Brooks, Heine. Class 11.—Paterson (R. C.), Meyer; Bourke-Wright and Campbell and Duff and Place and Ship, equal. Class 111.—Cameron, Tarlton, Leney; Grace and Stephens and Thompson, equal; Walker; Dalgleish and Maclaren and McGregor, equal; Turner (H.); Codd and Costigan and Leet and Ross (A. B.) and Todd, equal; McConnell; Pearson and Shaw, equal; Colby and Gardner and McLeod, equal; Bruce and Evans, equal; Gilday and Prudham and Ross (W. W.) and Turner (W. D.), equal; Bishop, Moure, Vineberg, Worth, Jordan, Kneen.
- First Year.—Class I.—Edwards (Prize); Redpath (H. L.) and Robertson, equal; Ferguson, Burton, Patch, Potter (Prize), Redpath (J. C.). Class II.—Wainwright; Bruce and Ells and McLeod, equal; Holiday; Paterson and White, equal; Finley and Goodall, equal; Brown; McClung and McGill, equal; Cotton, McKenzie, Rice. Class III.—Duguid; Cumming and Henderson and Radford, equal; Johnson (H.) and Lundie, equal; Brodie and Reid and Stewart (D.), equal; Burke (E.) and Laurie, equal; King and Gardner, equal; Mackay and McDougall, equal; Oswald and Scrimger, equal; Hurst and Johnson (R. D.) and Keith and Lee and Munroe and Parks, equal; Anderson (A. G.) and Kingsbury and Reynolds, equal; Armstrong and Douglas and Holland, equal; Hardisty and Mathers and Scriver, equal; McDonald and Millar, equal; Dixon, Cushing, Baker.

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HISTORY OF GREECE AND ROMAN LITERATURE.

First Year.—Class I.—Robertson (Prize), Edwards, Holiday (Prize), Ferguson, Duguid. Class II.—Keith and McGill and Potter and Redpath (H. L.), equal; Reid and Wainwright, equal; Henderson; Patch and Redpath (J. C.), equal; Ells and Oswald, equal; Bruce and McLeod (J. B.) and Radford, equal; Dewitt and White, equal. Class III.—Hurst and McClung, equal; Cotton and Lundie and Mathers and Parks and Smith, equal; Dorion and Lee and Scrimger, equal; King and Kingsbury, equal; Brown and Gardner, equal; Burke (E. H.) and Burton and McKenzie and Munroe and Reynolds, equal; Hardisty and Rice and Scriver and Stewart (D.), equal; Brodie and Finley and Holland and Johnson (R. D.), equal; Cumming and McLeod (L. R.) and Phillips, equal; Goodall and Laurie and McDougall, equal; Baker and Johnson (H.) and MacKay and Millar and Sbarpe, equal; McDonald.

MENTAL AND MORAL PHILOSOPHY.

- B. A. Ordinary.— (Moral Philosophy).—Class 1.—Lennon, Watson; Molson and Saunders, equal; Botterell and Fraser (A.), equal; McCuaig, Paterson, Mitchell, Denoon; Belton and Coburn and Gordon and Macphail and St. James, equal; Campbell (G. A.) and Ross, equal; Scrimger, Smiley; Anglin and Chalmers and Smythe, equal; Howell and McMartin and Watt (J. C.), equal. Class II.—Eagleson; Brace and Cavers, equal; Brown and Lough equal; Vaudry, Hill (H.); Fraser (S. L.) and Turner, equal; Ashdown, Campbell (G. J.); Haughton and Hill (W. H.) and Smith, equal. Class III.—Kelly, Pollock (T. J.), Crozier, Horsey; Pollock (A. F.) and Watt (R. G.), equal; Internoscia, Young, Ferguson (H.), Frye, Miller.
- Third Year.—(Mental Philosophy.)—Class I.—Dorman and Ross (E.) (Prize) and Saxe (Prize), equal; McLeod, Doull (Prize); Henderson and Ryan, equal; Howard and Mackay, equal; McAteer and Wyman (H.B.), equal; Alexander and McFarlane and Rowatt, equal; Campbell (R. P.) and Trenholme and Willis, equal; Browne and McMaster and Ross (A.R.), equal; Wyman (D. B.), Campbell (E. M.); McBurney and Pinder and Stevenson, equal. Class II.—Reid and Watters, equal; Armstrong, Hill (H.), Russel, MacLean, Anglin, Johnston; Boyce and Douglas and Stephen, equal; Hill (W. H. P.); Bradshaw and Ives and Monsinger, equal. Class III.—Moore, Du Boyce, Crack; Halpenny and Sanderson, equal; McGuire, Mair, Frye.
- SECOND YEAR.—(Logic).—Class I.—Duff and Turner (H. H.), equal; Leney, Williams, *Dorman, Bourke-Wright; Paterson (E. R.) and Tarlton, equal; Ross (W. W.); Carr and Meyer and Paterson (R. C.) and Place and Ship, equal; Heal and Leet and Prudham and Shaw, equal; Brooks and Heine and Munn, equal; Campbell and Gilday and Vineberg, equal; Bates and Thompson and Worth, equal. Class II.—Bishop and Turner (W. D.), equal; Cameron, *Grace; *Brown and McConnal, equal; Bruce and Codd and Walker, equal; Colby and Todd, equal; Jordan

, Molson, Gordon,

(H. B.),); Holden Galt and -Campbell Stevenson, and Rugg,

hip, Meyer, sine. Class 'urner (W. nell, equal; nal; Bruce, neen, equal; ace, Dover, , Thomas,

aterson (E. rke-Wright
—Cameron,
; Walker;
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McConnell;
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W. W.) and
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Class II.—
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ual; Brodie
qual; King
and Scrimand Munroe
olds, equal;
fathers and
Baker.

and McGregor, equal; *Blythe and *Charlesworth and Dalgleish, equal; *Halpenny (W.) and Maclaren and Reynolds, equal; Kneen and Pearson and *Rowan, equal; Moore and Nunns, equal. Class III.—Gardner, Dover, Evans; Larmonth and Stephens, equal; Heney and *Monsinger, equal; *Hall, *McGuire, Costigan; *Angell and Ross (A. B.), equal; *Williamson; MacLeod and *Roberts, equal; *Halpenny (E. W.), Thomas, *Rapson, *Hill; *Colborne and *Miller and *Nelson and Reid, equal; *Haughton and *Maclean and *Sanderson, equal; Steen. Prizes—Turner H. H. and Heine, equal; Carr.

ENGLISH LITERATURE.

B.A. Ordinary.—Class I.—Nicholls; Mitchell and Pitcher, equal; Scrimger; Campbell and Fraser, equal; Botterell, Hurst. Class II.—Paterson, Smiley; Brown and Coburn and Howell and Turner and Watson, equal Class III.—Vaudry, Gordon; Ashdown and Young, equal.

ENGLISH LITERATURE AND RHETORIC.

THIRD YEAR.—Class I.—Archibald (Prize), Campbell, MacMaster, Saxe, Smith, Ross, Holden. Class II.—Reynolds, McMillan, McLeod, Russel; Galt and Mallinson and Walbridge, equal; Trenholme, Blyth. Class III.—Charlesworth, Heal, Stevenson, Roberts, Pollock, Stephen.

MODERN HISTORY.

Second Year.—Class I.—Carr (Prize), Redpath; Paterson (R. C.) and Walker, equal; Paterson (E. R.); Campbell and Ship, equal; Munn; Brooks and Duff and Thomas, equal; Bishop and Larmonth and Maclaren, equal; Heine, Place; Bourke-Wright and * Trenholme, equal; Leet and Stephens, equal; Codd and Meyer and Prudham and Todd, equal. Class II.—Dalgleish and Leney and McLeod, equal; Cameron and Turner (H, H.), equal; * Bradshaw and Ross (W. W.) and Vineberg and Worth, equal; Tarlton and Turner (W. D.), equal; McConnell, McGregor, Thompson; Gilday and Heeney, equal. Class III.—Bates and Grace and Pearson, equal; Colby and Dover, equal; Bruce and Reynolds and Ross (A. B.), equal; * Alexander and Gardner and Steen, equal; Evans, Jordan, Shaw, Reid, Nunns; Costigan and Moore, equal: Kneen, * McGuire.

ENGLISH LITERATURE.

FIRST YEAR.—Class I.—Robertson (Prize), Reid (Prize), Patch; Duguid and Ferguson and Gardner and Kingsbury and Potter, equal; McGill, Ells, Cotton, Holiday, Hurst. Class II.—Edward, White; Bruce and Radford, equal; McDonald; Henderson and McLeod and Scriver, equal; Brown and *Crozier and King and Scrimger and Wainwright, equal. Class III.—
*Reynolds, *Smith (M.), Oswald, *Goodall, *McGregor; McClung and *Munroe and *Johnson (H.), equal; Hardisty and Campbell, equal; Lee and Lundie and McKenzie and Rice, equal; Cumming and Finley and Holland and Parks, equal; McDougall, Keith, Armstrong, Burke; Smith

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uguid and Gill, Ells, d Radford, Brown and lass III.— Clung and equal; Lee Finley and rke; Smith (E. V.) and Stewart, equal; Phillips; Burton and Johnson (R. de L.), equal; Anderson and * Dorion, equal; De Witt and *Dixon (W. E.) and *Mulholland, equal; Cushing and * Sharpe, equal; Baker (G. H.) and Douglas and Vipond, equal; Mathers and * Lyster and * McCombe, equal.

MECHANICS AND HYDROSTATICS.

- B.A. ORDINARY.—Class I.—Molson, Howell. Class II.—Ross, Browne. Class III.—Denoon, St. James, Watson, Pollock, McCuaig, Turner, Vaudry, Gordon, Chalmers.
- Third Year.—Class 1.—McBurney (C.), Archibald, Rowat, Mackay, Browne, Saxe, Wyman (D. B.), Ross (E.). Class 11.—Reynolds and Trenholme, equal; Smith; Cameron and Walbridge, equal; Rugg; Campbell and Crack and Stephen, equal. Class 111.—Douglas and Willis, equal; Ives and Ryan, equal; Macfarlane and Steacy, equal; Stevenson; Armstrong and Henderson, equal; Moore and Russel, equal; Howard and Wyman (H. B.), equal; McBurney (Edith); Watson and Watters, equal; Johnston, Ker, Hinds, Boyce, Ross (A. R.), Du Boyce.

ASTRONOMY AND OPTICS.

Third Year.—Class I.—Cameron and Mackay, equal; Ker; Archibald and Armstrong, equal.—Class II.—Rowat and Trenholme, equal; Moore; Steacy and Watson, equal. Class III.—Ryan, Douglas, Du Boyce, Ives.

EXPERIMENTAL PHYSICS.

B.A. Ordinary.—Clsas I —Robertson. Class II.—Howell, Hutchinson.

THIRD YEAR .- Class I .- Mackay, Howard, Cameron. Class III .- McIntosh, Hill.

Laboratory Course.

FOURTH YEAR.—Class I.—Robertson, Hutchinson. Class II.—Howell.

THIRD YEAR .- Class I .- Mackay, McIntosh, Cameron; Hill and Howard, equal.

GEOMETRY AND ARITHMETIC.

SECOND YEAR.—Class I.—Bruce, Brooks, Munn, Paterson (R. C.), Thompson; Gilday and Frudham, equal; Duff, Carr, Gardner, Shaw. Class II.—Meyer, Bates; Leney and Turner (H. H.), equal; Grace, Bourke-Wright, McGregor; Campbell and McConnal, equal; Todd; Vineberg and Reynolds, equal. Class III.—Leet; MacLaren and Cameron, equal; Bishop and Dalgleish and Turner (W. D.), equal; Worth, Pearson, Walker; Ross (W. W.) and Tarlton and Jordan, equal; Evans and Paterson (E.) and Ross (A. B.), equal; Kneen, Steen, Costigan; Place and Thomas, equal; Heine, Codd, Heeney, Dover; Colby and Larmonth and McLeod, equal.

First Year.—Class I.—Edward and McClung, equal; Henderson, Robertson; Bruce and Smith, equal; Cotton; Brown and Patch, equal; McLeod; Ferguson and McDonald, equal; Mackay; White and Goodall, equal; Lee and Gardner, equal; McKenzie and Paterson, equal. Class II.—Oswald, Potter; Duguid and Ells, equal; Cameron; Holiday and King, equal; Burton and Millar and Laurier and Radford and Parks, equal; Cumming and Johnson (De L.), equal; Wainwright; Hardisty and Mathieson, equal; Rice and McGill and Johnson (H.), equal; Scrimger. Class III.—Keith, Armstrong, Douglas, Kingsbury; Dixon and Mitchell and Parker, equal; Scriver; Baker and Skinner, equal; Munroe and Finley, equal; Cushing and McDougal, equal; DeWitt and Lundie and Stewart (D.), equal; Phillips; Reid and Reynolds, equal; Burke (E. H.) and Burke (M. N.) and Holland, equal; Mathers, McLeod (Lottie), Hurst; Ireland and Dorion, equal; Stuart (Jas.) and Tighes equal; Roberts.

TRIGONOMETRY AND ALGEBRA.

SECOND YEAR.—Class I.—Paterson (R. C.), Munn, Brooks, Paterson (E.); Turner (H. H.) and Carr and Shaw, equal; McConnal, Duff; Bruce and Leney and Turner (W. D.), equal; Bates and Thompson and Reynolds, equal. Class II.—Gardner, Prudham, Heine, Gilday, Worth; Bourke-Wright and Codd, equal. Class III.—Costigan and Jordan, equal; Bishop, McGregor, Campbell, Cameron, Todd; Dalgleish and Dover and Walker, equal; Ross (W. W.) and Tarlton, equal; Meyer and Thomas and Vineberg, equal; Kneen and Steen, equal; Grace; Leet and Nunns, equal; Colby and Ship, equal; Ross (A. B.), Moore, Pearson; McLeod and Reid, equal.

First Year.—Class I.—Edward and Robertson, equal; Ferguson and Keith, equal; Smith; McClung and McKenzie, equal; Brown and McLeod and Henderson, equal; Johnson (De L.) and Holiday, equal; White; Bruce and Ells, equal; McDonald, King; Armstrong and Scrimger, equal; Cameron, Mackay, McGill. Class II.—Gardner and Radford, equal; Rice, Johnson (H.), Phillips; Millar and Patch and Goodall and Paterson, equal; Cotton and Stewart (D.), equal; Cushing, De Witt, Burton, Hardisty; Wainwright and McDougal, equal; Oswald. Class III.—Douglas and Dorion, equal; Baker, Lundie; Scriver and Parks, equal; Lee and Finley, equal; Kingsbury; Laurie and Potter, equal; Duguid and Burke (M. N.), equal; Burke (E. H.) and Mathers and Reid, equal; Mitchell, Hurst, Mathieson; Holland and Roberts and Reynolds, equal; Parker, Dixon.

HONOURS IN MATHEMATICS AND NATURAL PHILOSOPHY.

B.A.—First Rank Honours and Anne Molson Gold Medal.—Robertson (J. C.).

First Rank Honours.—Hutchinson (Margaret).

THIRD YEAR.—First Rank Honours.—Mackay (Malcolm) (Prize), Cameron (Mary T.).

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HONOURS IN MATHEMATICS.

- Second Year.—First Rank Honours.—Brooks (Harriet) (Prize); Munn and Thompson, equal; Bruce, Gardner (William A.).
- FIRST YEAR.—First Rank Honours.—Bruce (Guy O. T.) (Prize), Edward (Prize), Ferguson (Prize), Robertson. Second Rank.—McClung.

FRUNCH.

- B.A. Ordinary.—Class 1.—Scott, St. James, Watson; Locke and Paterson, equal. Class II.—Ross, Molson, Saunders, Denoon, Brown, Scrimger. Class III.—Vaudry, McMartin, Pollock, Chalmers, McCuaig.
- Third Year.—Class I.—Archibald, (Prize), Young (Prize), Smith, Rugg, Doull, Hinds, Wyman (H. B.), Campbell (E. M.). Class II.—Macfarlane (L.) and Rowat, equal; Galt, Crack, McBurney (Ch.), Du Boyce; Ives and McBurney (E. E.), equal; Walbridge, Ross (A. R.), Browne. Class III.—McIutosh, Pinder, Moore, Watson.
- SECOND YEAR.—Class I.—Colby, Maltby, Munn (Prize); Kneen (Prize) and Angus and Todd and Cameron (Prize) and Paterson (Prize) (R. C.), equal; Carr and Shaw and Tarlton, equal; Codd and Ship, equal; Walker (L.) and Ross, equal; Vineberg and Leet, equal; Brooks, Paterson (E. R.), Bruce (J. C.); Heine and McConnell, equal; Leney and Bourke-Wright and Reid, equal; Pearson, Duff; Dalgleish and Campbell and Steen, equal. Class II.—Reynolds, Bishop, Gilday, Stephens; McGregor and Larmonth, equal; Dover and Gardner (W. A.) and Nunns and Tooke, equal; Evans and Maclaren, equal; Jordan. Class III.—MacLeod, Costigan, Place, Thomas, Heeney.
- First Year.—Class I.—J. C. Redpath, Holiday (Prize), Finley (Prize); Radford and Patch, equal; Potter and Johnson, equal; Scrimger, Smith, MacKay (H.), Reford, McKenzie; Cumming and Paterson (Ch.); equal; Dixon; Cotton and Scriver (E. F.), equal; Duguid, Douglas, McDougall, Arm strong, Gardner, King (C. C.), Anderson (A. G.), Laurie, Wainwright, Lundie (J. F.), Reid, Ells, White, Burke (M. N.). Class II.—McDonald (P. A.), Johnson (R. de L.), Phillips, McGill, Bonin, Hurst, Bruce, Dorion, De Witt, Cushing, Oswald, Brown, Burke (E. H.), Lundie (J. A.), Parks, McClung, Reynolds, McLeod (Lottie). Class III.—Parker and Henderson, equal; Kingsbury, Hardisty, Mitchell; Vipond and Baker and Mathers, equal; Kay, Eagleson, Stewart, Tighe, Redpath (J. H.).

GERMAN.

- B.A. Ordinary.—Class I.—Locke, Pitcher, Nicholls. Class II.—Denoon; Hurst and Macphail, equal; McCuaig.
- Third Year.—Class I.—Young (Prize), Cameron. Class II.—Reynolds, Rugg, Willis; Class III.—Holden, McBurney.
- SECOND YEAR.—Class I.—Brooks (Prize), Cameron, Munn (Prize), Pearson.

 Class II.—Walker, Colby, Reynolds. Class III.—Thomson, Codd, Grace,

 Jordan.

Class II.—
Holiday and and Parks, it; Hardisty H.), equal; bury; Dixon iner, equal; DeWitt and olds, equal; iers, McLeod and Tighe.

Robertson;

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dall, equal;

erson (E.);
; Bruce and
nd Reynolds,
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and Dover
; Meyer and
Grace; Leet
Loore, Pear-

and Keith, McLeod and Vhite; Bruce ager, equal; ford, equal; loodall and ag, De Witt, vald. Class and Parks, otter, equal; fathers and Roberts and

n (J, C.).

), Cameron

- FIRST YEAR.—Class 1.—Edward (Prize), Robertson, Burton, Ferguson, Goodall. Class II.—None. Class III.—Millar, Shaw.
- FIRST YEAR.—Donalda Department.—Class I.—McGill (Prize), Finley. Class II.—Radford and Johnson, equal; Scrimger. Class III.—King, Reid.

HEBREW.

- B.A. Ordinary.—Class II.—Coburn (D N.). Class III.—Young (S.), Ashdown.
- THIRD YEAR.—Class I.—Wyman (D. B.) (Prize), Boyce. Class II.—Mallinson and McLeod (S.) and Johnson (W.) equal. Class III.—Pollock (A. T.), Kelly (Mat.), Horsey, Watt (R. G.).
- SECOND YEAR.—Class I.—Meyer (J. B.) (Prize), Turner (H. H.). Class II.—Alexander,* Turner (Wm. D.); Bates and Curdy *and Haughton,* equal. Class III.—*McAteer and Prudham, equal; *Lough,* Bradshaw; Worth (F.) and Moore, equal; Reid, Ross (A. B.), Ferguson (H.) and Crombie (G. L.), equal; Abram (L.), *Smythe; *Sykes and McGuire, equal; Mair, Crozier.
- First Year.—Class I.—McLeod (J. B.) (Prize), Rice, Smith (E. V.), Keith.

 Class II.—*McGregor,Lee,* Blythe,* Charlesworth,* Heal, Cameron (A. G.).

 Class III.—Williams,* Mathieson, Colborne* (J. H.), Munroe, Knowles,

 Mick, MacLean (A. S.), *Holland, Stewart (D.), Ireland (A. A.), *Poston.

GEOLOGY.

B.A. Ordinary.—Class I.—Scott, Paterson, McCuaig; Molson and Ross, equal; Chalmers. Class II.—Lennon, Pollock, Brown, Coburn; Brace and Gordon and St. James, equal; Belton and Watson, equal; Scrimger, McIntosh, Vaudry; Eagleson and Denoon, equal; McMartin, Fraser. Class III.—Smith; Crozier and Young and Turner, equal; Haughton, Ashdown, Lough, Ferguson.

ASTRONOMY AND OPTICS.

FOURTH YEAR.—Class I.—Robertson, Molson, Howell. Class II.—Ross, Patersen, Gordon. Class III.—Pollock, McMartin, Hutchinson, Turner.

ZOOLOGY.

Third Year.—Class I.—Smith (Prize), Henderson, Saxe (Prize), Hinds, Howard, Browne, Campbell (R. P., Macfarlane and McBurney and Willis and Young, equal; McLeod. Class II.—McMillan and Reynolds and Watters, equal; Angel and Campbell (Ed. M.) and Ross (Elizabeth), equal; Rowan and Russel, equal; Ryan and Wyman (H. B.), equal; Stevenson and Walbridge, equal. Class III.—Crack and Mallinson, equal; Boyce, Armstrong, Mac Lean (S.); Johnson and McBurney (Edythe), equal; Rugg, McIntosh, Watson, Holden; McMaster and Wyman (D. B.), equal; Charlesworth, Williams; Galt and Ross (A. R.), equal; Doull, Pinder, Halpenny, Heal; Colborne and Mick, equal; Blythe Stephen, Hall.

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V.), Keith. on (A. G.).
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oss, Pater-

s, Howard, and Young, ers, equal; Rowan and Walbridge, crong, Mac McIntosh, arlesworth nny, Heal;

BOTANY.

SECOND YEAR.—Class I.—Prudham, Walker (Prize), Paterson, (Prize) (R. C.);
Duff and Carr, equal; Campbell; Colby and Bourke-Wright, equal;
Paterson (E. R.) and Dover, equal.—Class II.—Codd and Shaw and
Heine, equal; Place and Kneen, equal; Jordan, Worth; McGregor
and McLaren, equal; Leet, Pearson, Reynolds.—Class III.—Meyer,
Reid, Ross (W. W.), Cameron, Dalgleish, Bates, Bishop, Leney,
Nunns, Heeney, Turner (H. H.), MacLeod, Tarlton, Evans, Turner
(W. D.), Vineberg, Ship, Moore.

THIRD YEAR.—Class I.—Watters, Campbell, Howard.

CHEMISTRY.

First Year.—Class I.—White (E. H.) (Prize), McClung; Edward and Robertson (L.), equal; Paterson, Smith (E. V.); Bruce and Ferguson (C.O.), equal; Goodall; McDonald and McLeod (J. B.), equal. Class II.—Duguid, Ells; Cotton and Munroe, equal; Mathers, Rice; Cameron and Dixon (W. E.), equal; McAteer and Reid (L. McK.), equal; Henderson and King and Lundie (J. A.), equal. Class III.—Hurst and Lee, equal; McKenzie, Holiday; Keith and Oswald (M. C.), equal; Reid (L. W.); Laurie and Potter, equal; Brown (W. G.) and Radford, equal; Wainwright, Parks, Scrimger; Burke (E. A.) and Finley, equal; Anderson (F.) and Campbell (J. D.) and Kingsbury, equal; McDougall, McGill; Dorion and Reynolds, equal; Johnson (H.), Scriver; Cumming and Patch, equal; Armstrong and Baker (G. H.) and Johnson (R. DeL.), equal; Hardisty and Mathieson, equal.

PHYSICAL CULTURE.

BRONZE MEDAL.

Dalgleish, R. W.

DONALDA PRIZES FOR PHYSICAL CULTURE.

Graduating Class.—Brown, Justine. Undergraduates.—Reid, Lena. Honorable Mention.—Finley, Kathleen.

MORRIN COLLEGE.

INTERMEDIATE.

Hebrew.—Class I.—Stuart ((J. A.). Class II.—Pidgeon, Reid.

GREEK—Class II.—Seifert, Stuart,

LATIN.—Class II.—Seifert. Class III.—Meiklejohn, Reid, Stuart, Pidgeon.

LATIN PROSE COMPOSITION .- Class III .- Seifert, Meiklejohn.

TRIGONOMETRY AND ALGEBRA.—Class I.—Seifert. Class II.—Meiklejohn, Stuart, Class III.—Pidgeon, Reid.

GEOMETRY AND ARITH METIC.—Class III.—Seifert. Class III.—Pidgeon, Reid, Stuart, Meiklejohn.

Logic.—Class I.— Seifert. Class II.— Meiklejohn. Class III.— Pidgeon, Stuart, Reid.

ENGLISH LITERATURE AND HISTORY.—Class I.—Webster, Seifert. Class II.—Meiklejohn, Stuart. Class III.—Reid, Pidgeon.

FRENCH .- Class I .- Seifert. Class III .- Meiklejohn.

ST. FRANCIS COLLEGE.

INTERMEDIATE.

LATIN.—Class 1.—Carnie.

TRIGONOMETRY AND ALGEBRA.—Class III.—Crack, Rivard, Carnie.

GEOMETRY AND ARITHMETIC .- Class III. - Crack, Rivard.

Logic .- Class II .- Rivard.

Class III .- Carnie, Crack.

ENGLISH LITERATURE AND HISTORY.—Class I.—Rivard.—Class II.—Carnie.

FRENCH.—Class I.—Rivard.

Class II.—Carnie.

Class III .- Crack.

STANSTEAD WESLEYAN COLLEGE.

INTERMEDIATE.

GREEK.—Class III.—Jones.

Logic.—Class II.—Jones.

FIRST YEAR.

GREEK .- Class III. - Rugg.

LATIN.-Class II.-Rugg. Class III.-Hovey, Howden, McDuffee.

GEOMETRY AND ARITHMETIC.—Class II.—Hovey, Rugg. Class III.—Howden.

ALGEBRA AND TRIGONOMETRY.—Class 1.—Rugg. Class II.—Hovey. Class III.—Howden.

Ancient History .- Class III .- Rugg, Howden, McDuffee.

English Literature.—Class II.—Howden; Hovey and Rugg, equal. Class III.—McDuffee.

FRENCH .- Class III .- Howden, McDuffee; Hovey and Rugg, equal.

Passed the Sessional Examination, Rugg, Howden (s.).

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FACULTY OF APPLIED SCIENCE.

GRADUATING CLASS.

CHASE, HARRY ALEXANDER.—Honours in Electrical Engineering and Hydraulics.,
GILL, JAMES LESTER WILLIS.--British Association Gold Medal; British Association
Exhibition; Honours in Dynamics of Machinery, Hydraulics, Thermodynamics and Mechanical Engineering.

Green, Joseph Samuel Raoul.—McFee Graduating Prize for best examination in Metallurgy; Honours in Metallurgy.

KILLALY, HAMILTON MCMURRAY, B.A.-Honours in Designing.

REINHARDT, CARL.-Honours in Designing.

RUTHERFORD, FOREST.—Honours in Metallurgy and Designing; First Rank Honours in Geology and Mineralogy.

SMAILL, ALBERT EDWARD .- Honours in Designing.

STEWART, ROBERT HOLDEN.—Governor General's Silver Medal; Honours in Hydraulics, Metallurgy and Designing; First Rank Honours in Geology and Mineralogy.

WEBB, WILLIAM MORTON .- Honours in Designing.

WRIGHT, CHARLES HARVEY.—Honours in Electrical Engineering, Hydraulics, Thermodynamics and Physics.

THIRD YEAR.

Bell, John W.—Prizes for Practical Chemistry, Mapping and Mining Drawing. Newcombe, Avard B.—Special Prize for Surveying Field Work.

Stovel, Russell W.—Scott Exhibition of \$60.00; Prizes for Machine Design, Mathematics, Mechanical Drawing, Physical Laboratory, Dynamics of Machinery, Physics, Theory of Structures, Electrical Engineering, Testing Laboratory Work and Electrical Laboratory.

Thomson, Henry N.—Special Prize for Surveying Field Work; Prizes for Surveying and Determinative Mineralogy.

Turnbull, John M.—McFee Prize for Mining; Prizes for Physics and Determinative Mineralogy.

Passed the Sessional Examinations.

(In Order of Merit.)

CIVIL ENGINEERING.

* Macleod, George R., Uigg, P.E.I.

ELECTRICAL ENGINEERING.

Stovel, Russell W., Toronto, Ont.
Thomson, Clarence, Montreal.
Macdonald, James E., New Glasgow, N.S.
Burnham, Harold B., Peterboro, Ont.
Symmes, Howard C., Aylmer, Que.

* Macbean, Stanley L., Montreal.

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Class II.-

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Davidson, Shirley, Montreal. Edward, John R., Outremont.

- * Pitcher, Norman C., Montreal.
- * Macdonald, Peter W., West Bay, N.S
- * Walters, Morley, Hull, Que.

MECHANICAL ENGINEERING.

Connal, William F., Peterboro, Ont. Campbell, Alexander, Ottawa, Ont. White, Frank H., Montreal. McLaren, Duncan T., Montreal.

- * McKibbin, Frederick W. J., Peterboro, Ont.
- Drinkwater, Charles G., Montreal. * Balfour, Reginald H., Montreal.
- * Haycock, Richard L., Ottawa, Ont.
- * Ferguson, Thomas, Peterboro, Ont. Finnie, Oswald S., Ottawa, Ont.
- * Yorston, Louis, Pictou, N.S.

MINING ENGINEERING.

Thomson, Henry N., Quebec, Que. Turnbull, John M., Montreal. Bell, John W., Montreal.

PRACTICAL CHEMISTRY.

Suter, Robert W., Carleton Place, Ont. Drysdale, George A. Boston, U.S.A.

SECOND YEAR.

Cape, Edmund.—Prize for Entrance Examination.

Eaves, Edmund .- Prize for Entrance Examination; Prize for Mathematics.

Laurie, Albert.—Prize for Entrance Examination; Prize for Mechanical Drawing.

Macphail, William M .- Prizes for German and Shopwork.

McCarthy, George A.—Prizes for Theoretical and Practical Physics, Surveying and Mapping.

Sheffield, Charles.—Prizes for French and Mechanism. Young, George A.—Prize for Practical Chemistry.

Passed the Sessional Examinations.

Bowm: Colpit

Fether

Hyde,

Kirkpa McLea

Presto

Shaw,

(In Order of Merit).

CIVIL ENGINEERING.

Macphail, William M., Orwell, P.E.I. McCarthy, George A., Moncton, N.B.

^{*} To pass supplemental examination.

Irving, Thomas T., Vernon River Bridge, P.E.I. Matteson, Ernest H., Oyster Bed Bridge, P.E.I. Bond, Frank L.C., Montreal. *Benney, Walter W., D'Aillebout, Que.

ELECTRICAL AND MECHANICAL ENGINEERING.

Eaves, Edmund, Montreal, Cape, Edmund, Hamilton, Ont. Sheffield, Charles, Kingston, Ont. Laurie, Albert, Montreal. Thomas, Leonard E.L., Melbourne, Que. Dean, Bertram D., Hamilton, Ont. Waterous, Charles A., Brantford, Ont. Archibald, Harry P., Antigonish, N.S. McRae, John B., Ottawa, Ont, Maclennan, Frank W., Cornwall, Ont. Summa, Vito M., Avigliano, Italy. Davidson, J. Herbert, Montreal. *Patton, W. H., Huntington, Que. McLea, Ernest H., Montreal, *Scott, James H., Outremont, Que. *Bacon, Frederick T. H., Montreal. *Reaves, Campbell, Montreal.

MINING ENGINEERING.

Atkinson, Donald C. T., Etchemin, Que.
MacLean, Thomas A., Charlottetown, P.E.I.
Young, George A., Kingston, Ont.
Butler, Percy, Montreal.
*Davis, Angus W., Montreal.
*Ainley, Charles M., Almonte, Ont.
Atkinson, William J., Glenboro, Man.
Hillary, George M., Whitby, Ont.

FIRST YEAR.

Bowman, Archibald A.—Prize in English.

Colpitts, Walter W.—1st Taylor Prize Freehand Drawing, 2nd Fleet Workshop
Prize. Prizes in Descriptive Geometry, and Mapping.

Fetherstonhaugh, Edward P.—Prize in French.

Hyde, George T.—2nd Taylor Prize in Freehand and Drawing.

Kirkpatrick, Stafford F.—Prize in Mathematics.

McLean, William B.—Prize in Chemistry.

Preston, John.—1st Fleet Workshop Prize.

Shaw, John A.—Prizes in Chemical Laboratory and French.

matics.

Mechanical

s, Surveying

^{*}To pass supplemental examination.

Passed the Sessional Examinations.

(In Order of Merit.)

Colpitts, Walter W., Moncton, N.B. Kirkpatrick, Stafford F., Kingston, Ont. McLean, William B., Pictou, N.S. Hyde, George T., Montreal. Young, William M., Renfrew, Ont. Shaw, John A., Montreal. Grier, Arthur G., Montreal. Fraser, James W., Bridgeville, N.S. Denis, Leopold, Montreal. Burgess, R. Earl, Wolfville, N.S. Blaylock, Selwyn G., Danville, Que. Bowman, Archibald A., New Glasgow, N.S. Fetherstonhaugh, Edward P., Montreal. Yuile, Norman M., Montreal. Moore, Ernest V., Peterboro, Ont. Waller, George W., Bartonville, Ont. Fraser, Charles E., Montreal. *Campbell, Norman M., Montreal. Henderson, Richard A., Chilliwack, B.C. *Wilson, Robert M., Montreal. Fraser, Harold, Brockville, Ont. Dargavel, James S., Elgin, Ont. McLeod, Norman M., Montreal. *Peden, Frank, Montreal. Willard, Edward C., Hamilton, Ont. | equal *Hyde, James C., Montreal. Rogers, Reginald H., Alberton, P.E.I. *Preston, John, Toronto, Ont. *Wenger, Edgar I., Ayton, Ont. *Gough, Richard T., Halifax, N.S. *McLaren, Archibald J., Montreal. *Whyte, John S., Osgood, Ont. *Ingraham, Bruce A., Sydney, C.B. *Pender, William D., Toronto, Ont. *Cornwall, Clement A. K , Ashcroft, B.C. *Hutchinson, William S., Westmount. *Gagnon, Louis F., Westmount. *Stevens, Angus P., Dunham, Que. McMillan, George P., Petrolia, Ont. *Pergau, Harry, Lyn, Ont-*Morgan, Charles B., Hamilton, Ont. *Porcheron, Alphonse, Montreal. *Coussirat, Henri A., Montreal. *Hickey, John V., Montreal.

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FIRS

THIR

^{*}To pass supplemental examination.

STANDING IN THE SEVERAL SUBJECTS.

ENGLISH.

First Year.—Class I.—Bowman, Colpitts, Fraser (C. E.), Young (W. M.), Whyte (J. S.), Fraser (J. W.), Morgan; Fetherstonhaugh and McLean, (W. B.), equal. Class II.—Moore (E. V.), Shaw, McMaster; McLeod and Moore (W. A.), equal; Burgess and Preston, and Waller, equal; Campbell (N. M.), Campbell (F. W.), McLaren (A. J.); Blaylock and Dargavel and Wilson, equal; Denis (L.) and Hyde (J. C.), equal; Cox and Fraser (H.), equal; Gagnon and Ingraham and Kirkpatrick and Peden and Yuile, equal; Cornwall and Henderson, equal; Hutchinson and Nicholls, equal. Class III.—Austin and Hickey and Wenger, equal; Grier, Davidson (W. A.); Gough and Hatchette and Parizeau and Pender and Ramsay, equal; Millar and Pergau, equal; McMillan, St. George, Stevens, Donnelly, Hyde (J. C.), Parks.

FRENCH.

- SECOND YEAR.—Class I.—Sheffield, McCarthy, Eaves, Davis, Thomas, MacLean (T. A.), Matheson. Class II.—Cape and Bacon, equal; Laurie, Waterous, Dean, Bond, Butler, Maclennan. Class III.—Scott, Atkinson (W. J.), Reaves, Summa.
- First Year.—Class I.—Fetherstonhaugh, Stevens; Hyde (C. T.) and Peden, equal; Yuile, Wilson, Grier, Young (W. M.), Kirkpatrick, Blaylock, Henderson. Class II.—McLean (W. M.); McMaster and Pender and Smith, equal; Hyde (J. C.), McLeod (N.), McMillan. Class III.—Ramsay, Sise, Ingraham, Hatchette, Fraser (H.), Burgess, Parks, Strathy, Wilkins, Kane, Hickey, Pergau, Cornwall, Dargavel.

GERMAN.

- Second Year.—Class I.—Macphail, Atkinson (D. C. T.). Class II.—Irving; Davidson (J. H.) and Summa, equal. Class III.—Young (C. A.,) Archibald, *McLea, *McRae, *Patton.
- First Year.—Class I.—Shaw (J. A.), Colpitts. Class II.—Fraser (C. E.) and McLaren (A. J.), equal; Bowman, Wenger, Waller. Class III.—Whyte (J. S.), Fraser (J. W.), Nicholls, Millar, Willard, Morgan, **Gough, **Moore (E. V.).

MATHEMATICS.

Third Year.—Class I.—Stovel, Connal. Class II.—Thomson (C.), Turnbull, Macdonald (J. E.), Thomson (H. N.), Campbell (A.), Symmes, Burnham; Edward and McLaren (D. T.), equal; Macdonald (P. W.), Davidson (S.), Ferguson. Class III.—Chamberlain, Walters, †Macleod (G. R.), †Bell (J. W. Pitcher; Packard and Yorston, equal; †Beatty, †Sise (C. F.); †Drinkwater and Finnie and †White (F. H.), equal.

^{*}Supplemental in Translation into English.

** "Translation English-German and German-English,

† "Calculus.

SECOND YEAR.—Class 1.—Eaves, Irving, Cape, Sheffield, McCarthy. Class 11.—Macphail, Laurie, MacLean (T. A.), Thomas, Davis, Young (G. A.), Dean, Waterous, Atkinson (D. C. T.), Butler, Matheson. Class 111.—Sumna, Atkinson (W. J.), McLea, Ainley; Hawker and Patton, equal; Maclennan, Bond, *Benny, *Davidson (J. H.); †Archibald and Hillary, equal; Gisborne; Bacon and Scott, equal; †McRae.

First Year.—Class I.—Kirkpatrick, McLean (W. B.), Colpitts, Grier, Young (W. M.), Fraser (J. W.), Denis, Rogers; Burgess and Hyde (G. T.), equal. Class II.—Shaw, Dargavel, Yuile, Fraser (H.), Featherstonhaugh, Moore (E. V.); Bowman and Waller, equal; Blaylock, Fraser (C. E.); *Hutchinson and Preston, equal; Henderson, *Campbell (N. M.), McLeod (N.), Stevens, *Wilson, *Hyde (J. C.), Willard. Class III.—Peden; Gough and *Pender, equal; *Wenger, *Cornwall, *Whyte (J. S.), *Gagnon, *McLaren (A. J.), *Pergau, *Davidson (W. A.), *Cox; *Austin and *Ingraham, equal; McMillan, *Porcheron.

PHYSICS (Theoretical and Practical).

Third Year.—(Electrical Engineering Course). Class I.—Stovel, Macdonald (J. E.), Macbean, Thomson (C.). Class II.—Edward, Symmes, Pitcher, Davidson (S.), Burnham. Class III.—Macdonald (P. W.), Archibald, Walters; Blair and Packard, equal; Sise (C. F.), Bovey.

(Civil, Mechanical, Mining and Chemistry Courses).—Class 1.—Turnbull, Campbell (A.), Thomson (H. N.). Class 1I.—White (F. H.), McLaren (D. T.), Ross, Suter, Connal, Bell (J. W.), Beatty. Class III.—Ferguson; Balfour and Dougall, equal; Drinkwater, Yorston, Haycock, McKibbin, Finnie.

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SECOND YEAR.—Class I.—McCarthy, Cape, Irving, Laurie. Class II.—Young (G. A.); Maclennan and Sheffield, equal; Atkinson (W. J.) and Macphail, equal; Atkinson (D. C. T.), Eaves; Dean and MacLean (T. A.) and McIntosh, equal; Thomas, Davidson (J. H.), Davis, Waterous, Mackerras, McRae. Class III.—Matheson, Bond, Hillary; Ainley and Scott equal; Bacon and Gisborne, equal; McLea, Butler, Summa; Benny and Reaves, equal.

CHEMISTRY.

First Year.—Class I.—McLean*(B. W.), Kirkpatrick, Colpitts, Shaw. Class II.—Bowman and Denis (L.), equal; Fraser (J. W.), Rogers, Blaylock, Whyte (J. S.); Campbell (N. M.) and Waller, equal; Hyde (G. T.), Grier, Henderson, Featherstonhaugh, Gagnon; McLaren (A. J.) and Preston. equal; Cornwall and Fraser (C. E.) and Moore (E. V.), equal; Burgess and Young (W. M.) and Yuile, equal. Class III.—Hutchinson and Morgan, equal; Dargavel and Wilson, equal; Fraser (H.), Wenger, Hyde (J. C.), Austin, Nicholls, Coussirat, Gough; Pender and Stevens, equal; Ingraham, McMillan.

^{*} To pass a Supplemental in Mechanics.

t " " Calculus.

Class II.—

A.), Dean,

.-Sumna,

; Maclen-

ry, equal;

Young (W.

T.), equal.

1gh, Moore

E.); *Hut-

), McLeod

.—Peden;

S.), *Ga-

Austin and

cdonald (J.

s, Pitcher, Archibald,

I.—Turn-

F. H.), Mc-

: III.—Fer-

Haycock,

II .- Young

.) and Mac-

an (T. A.)

erous, Mac,

y and Scott

Benny and

. Class II.

, Blaylock,

. T.), Grier,

nd Preston.

al; Burgesson and Mor-

II-de (I

er, Hyde (J. ens, equal;

CHEMISTRY (Inorganic).

FOURTH YEAR .- Class I. - McCallum. Class II. - Johnson. Class III. - None.

CHEMISTRY (Organic).

FOURTH YEAR .- Class I .- McCallum. Class II. - Johnson, Class III. - None.

THIRD YEAR.—Class I.—None. Class II.—Suter. Class III.—None.

ASSAYING.

FOURTH YEAR.—Class I.—Stewart, Webb. Class 11.—Green, Rutherford (M.), Mussen. Class III.—None.

ANALYTICAL CHEMISTRY AND ASSAYING.

FOURTH YEAR .- Class I.-McCallum. Class II.-Johnson. Class III.-None.

METALLURGY .

FOURTH YEAR.—Class I.—Green, Rutherford (F.), Stewart. Class II.—Webb, Mussen, Johnson (W. S.). Class III.—McCallum.

ZOOLOGY.

SECOND YEAR.—Class I.—Macphail. Class II.—Matheson, McCarthy, Irving, Suter, Atkinson (D. C. T.), Young (C. A.). Class III.—MacLean (T. A.,) Bond, Butler, Davis, Atkinson (W. J.), Benny, Ainley.

GEOLOGY AND MINERALOGY.

Third Year.—Class I.—None. Class II.—Turnbull, Suter, Thomson (H. N.).

Class III.—Hillary and Macleod (G. R.), equal; Dougall, Bell (J. W.).

GEOLOGY (Advanced).

FOURTH YEAR.—Class I.—Stewart, Rutherford (F.), Webb. Class II.—Mussen, Green. Class III.—None.

MINERALOGY (Advanced).

FOURTH YEAR.—Class I.—Stewart, McCallum; Johnson and Rutherford (F.,) equal. Class II.—Green, Mussen, Webb. Class III.—None.

THIRD YEAR.—Class I.—Thomson (H. N.) and Turnbull, equal. Class II.—Suter. Class III.—Bell (J. W.).

MUSEUM WORK IN GEOLOGY AND MINERALOGY.

FOURTH YEAR.—Class I.—Stewart, Rutherford (F.). Class II.—Mussen, Webb, Green. Class III.—None.

DETERMINATIVE MINERALOGY.

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THIRD YEAR.—Class I.—Thomson (H. N.) and Turnbull, equal; Suter, McCarthy, Bell (J. W.). Class II.—None. Class III.—Dougall, Hillary.

MINING.

Third Year.—Class I.—Turnbull, Class II.—Bell (J. W.), Thomson (H. N.).

Class III.—Dougail.

SURVEYING.

- THIRD YEAR.—Class I.—Thomson (H. N.). Class II.—Turnbull, Macleod. Class III.—Angus, Bell (J. W.), Dougall.
- SECOND YEAR.—Class I.—McCarthy, Macphail. Class II.—Irving, Atkinson (D. C. T.), Ainley, Young (C. A.), Davis, Matheson. Class III.—Butler, Hillary, Maclean (T. A.), Atkinson (W. J.), Bond, Benny.

SURVEYING FIELD WORK.

- THIRD YEAR.—Class 1.—Thomson (H. N.), Newcombe. Class 11.—*Turnbull, Bell (J. W.), Dougall, Macleod (G. R.). Class III.—Angus.
- S ECOND YEAR.—Class I.—Butler. Class II.—Ainley, Atkinson (D. C. T.); Bond and Macphail and Matheson, equal; Atkinson (W. J.); Benny and Irving, equal; MacLean (T. A.). Class III.—Davis, Young (G. A.).

GEODESY.

FOURTH YEAR.— Class 1.—None. Class 11.—Huestis, Hare, Reinhardt, Dufresne, Denis (T.). Class 111.—Killaly, Angus.

FREEHAND DRAWING.

First Year.—Class I.—Colpitts, Hyde (G. T.), Peden; Preston and Young (W. M.), equal; Burgess and Kirkpatrick and Wilson, equal; Gough and Ingraham and Shaw, equal. Class II.—Grier; Blaylock and Campbell (N. M.) and Fetherstonhaugh, equal; Morgan; Austin and Dargavel and Denis (L.) and Moore (W. A.) and Nicholls and Waller and Whyte (J. S.), equal; McLean (W. B.) and Millar and Yuile, equal; Cox and Fraser (C. E.) and Hyde (J. C.) and McMaster and Moore (E. V.) and Pergau, equal; Bowman and Davidson (W. A.) and Donnelly and Fraser (J. W.) and Wenger and Willard, equal; Gagnon and Hatchette, equal; Hickey and Kane and McLaren (A. J.) and Stevens, equal; Campbell (F. W.) and Cornwall and McMillan and Smith, equal; Parks and Sise (E. F.), equal; Coussirat and Henderson and Hutchinson, equal. Class III.—Fraser (H.) and Howell, equal; Pender and Rogers and Wilkins, equal; Percy and St. George, equal; Ramsay, Hunt; Strathy and Whiteway, equal.

^{*} To pass Supplemental in Levelling.

DESCRIPTIVE GEOMETRY.

THIRD YEAR .- Class I .- None. Class II .- Macleod (G. R.). Class III .- Angus.

SECOND YEAR.—Class I.—None. Class II.—Atkinson (D. C. T.) and McCarthy, equal; Cape, Macphail, Thomas, Eaves, Laurie; McLeod (N.) and Patton, equal; Ainley and Irving, equal; McLea, MacIennan. Class III.—Young (G. A.), MacKerras, MacLean (T. A.), Butler, Dean; Davidson (J. H.) and Matheson and Summa, equal; Sheffield and Atkinson (W. J.), equal; Bond, Hillary, Archibald, Reaves, McIntosh, Waterous.

First Year.—Class I.—Colpitts, Moore (W. A.), Hyde (G. T.), Kirkpatrick, Peden, Young (W. M.); Burgess and Moore (E. V.), equal; McLean (W. B.), Shaw. Class II.—Blaylock and Denis (L.) and Gough, equal; Preston and Whyte (J. S.), equal; Fraser (H.); Grier and McIntosh, equal; Fraser (J. W.) and Willard and Wilson and Fetherstonhaugh and Nicholls and Hyde (J. C.), equal; Dargavel, Waller, Rogers, Bowman; Fraser (C. E.) and Gagnon and Wenger, equal; Austin. Class III.—Hickey and Sise (E. F.) and Yuile, equal; Pergau and Ingraham, equal; Cous sirat and McLaren (A. J.), equal; Cornwall and Henderson, equal Morgan; Mathers and Pender, equal; McMillan and Kane, equal; Hutchinson, Davidson (W. A.), Cox; Campbell (N. M.) and Stevens, equal.

MAPPING.

Third Year.—(Civil Engineering Course).—Class 1.—Macleod (G. R.). Class II.—
None. Class III.—Angus. (Mining Engineering Course).—Class I.—
Bell (J. W.), Thomson (H. N.). Class II.—Turnbull. Class III.—
Dougall.

SECOND YEAR.—(Civil Engineering Course).—Class I.—McCarthy. Class II.—
Macphail, Irving, McKenzie, Matheson. Class III.—Bond, Benny.
(Mining Engineering Course).—Class I.—Butler and Davis, equal. Class
II.—Atkinson (D. C. T.) and Ainley, equal; McLean (T. A.) and Young
(G. A.), equal; Class III.—Atkinson (W. J.).

First Year.—Class I.—Colpitts, Hyde (G. T.), Peden, Burgess, Gough. Class II.—Willard; Blaylock and Grier and Young (W. M.), equal; Fetherstonhaugh and Kirkpatrick and McLean (W. B.), equal; Bowman and Shaw, equal; Preston and Fraser (J. W.), equal; Wilson; Coussirat and Dargavel and Fraser (C. E.) and Fraser (H.) and Ingraham and Morgan, equal; Cox and Denis (L.) and Hyde (J. C.) and Moore (W. A.), equal; Campbell (N. M.) and Yuile, equal; Austin and Nicholls and St. George and Whyte (J. S.), equal; McMaster and Moore (E. V.), equal. Class III.—Cornwall and Donnelly and Davidson (W. A.) and Gagnon and McLaren (A. J.) and McMillan and Pergau and Rogers and Wenger, equal; Campbell (F. W.) and Millar and Pender, equal; Hickey and Stevens, equal; Hutchinson; Hatchette and Kane and Sise (E. F.) and Waller, equal; Henderson.

on (H. N.).

McCarthy,

eod. Class

Atkinson I.—Butler,

*Turnbull,

T.); Bond Benny and (G. A.).

, Dufresne,

Young (W. Rough and Campbell regavel and and Whyte; Cox and (E. V.) and and Fraser ette, equal; Campbell ks and Sise pual. Class and Wilkins,

trathy and

MINING DRAWING.

THIRD YEAR — (Minning Engineering Course).—Class I.—Bell (J. W.), Turnbull Dougall, Thomson (H. N.).

MECHANICAL DRAWING.

THIRD YEAR.— (Electrical Engineering Course).—Class I.—Stovel, MacDonald.

(J. E.), Macbean. Class II.—Archibald, Sise (C. F.), Symmes, Blaire Class III.—Pitcher; Burnham and Davidson (S.), equal; Thomson (C.), Walters, Bovey; Edward and Macdonald (P. W.), equal; Packard), (Mechanical Engineering Course).—Class I.—Balfour; White (F. H., and Campbell (A.) and Connal and Haycock, equal; Drinkwater. Class III.—McKibbin, Beatty, Ferguson, Finnie. Class III.—McLaren (D. T.), Paradis.

Aegrotat. - MacKinnon, Thompson (F. W.).

SECOND YEAR.—Class I.—Laurie, McRae. Class II.—Thomas, MacKerras; Cape and Waterous, equal; Davidson (J. H.), Sheffeld, Eaves, Patton, Dean Class III.—Bacon and Maclennan, equal; Gisborne, Scott, Reaves, McLea; Hawker and Summa, equal.

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DESIGNING.

FOURTH YEAR.—(Civil Engineering Course).—Class J.—Killaly and Reinhardt, equal; Denis (T.) and Hare, equal. Class II.—Angus, Huestis, Dufresne (Electrical Engineering Course.)—Class I.—Chase, Cunningham. Class II.—Trenholme and Wright, equal; Jaquays, Currie, Rutherford (S. F.). Class III.—None. (Mechanical Engineering Course).—Class I.—Smaill, Gill. Class II.—Courtice, Bayfield, Hunter. Class III.—Kenny, Rutherford (G. S.), Clarke, Walkem, McDougall. (Mining Engineering Course).—Class I.—Rutherford (E), Webb, Stewart, Mussen, Green.

MECHANISM.

Second Year.—Class I.—McRae and Sheffield, equal; MacKerras, Laurie, Thomas, Eaves, Dean.—Class III.—Patton, Archibald, Cape, Waterous. Class III.—Davidson (J. H.), Summa, Bacon, *Hawker, Reaves, Maclennan, McLea, *Scott.

MACHINE DESIGN.

FOURTH YEAR.—(Electrical Engineering Course).—Class I.—Chase, Wright.

Class II.—None. Class III.—Rutherford (S. F.), Jaquays, Trenholme.

(Mechanical Engineering Course).—Class I.—Gill. Class II.—Hunter;

Clarke and Kenny, equal; Courtice. Class III.—Walkem, Bayfield,

Rutherford (G. S.).

THIRD YEAR—Class I.—Stovel. Class II.—Macbean, White (F. H.) Macdonald (J. E.) and Pitcher, equal; Thomson (C.); Connal and Davidson (S.), equal; Macdonald (P. W.); Burnham and Campbell (A.), equal. Class

^{*} To pass Supplemental in Sketching.

Turnbull

facDonald.
mes, Blaire
mson (C.),
Packard),
te (F. H.,
ter. Class
en (D. T.)

ras ; Cape atton, Dean tt, Reaves,

Reinhardt, s, Dufresne nam. Class ford (S. F.). I.—Smaill, ny, Rutherng Course).

e, Thomas, Class III. in, McLea,

e, Wright.
Trenholme.
.—Hunter;
Bayfield,

Macdonald idson (S.), ual. Class

III.—Travis; McLaren (D. T.) and Packard and Symmes, equal; Haycock and McKibbin and Walters, equal; Balfour, Finnie; Chamberlain and Drinkwater, equal; Yorston, Blair, Edward.

DYNAMICS OF MACHINERY.

- FOURTH YEAR.—Class I.—Gill, Kenny. Class II.—Courtice and Wright, equal; Chase, Clarke. Class III.—Trenholme, Hunter, Jaquays, Smaill, Rutherford (G. S.), Walkem; Rutherford (S. F.) and Bayfield, equal.
- THIRD YEAR.—Class I.—Stovel, Connal. Class II.—Symmes, Burnham, Davidson (S.), Thomson (C.). Class III.—Sise (C. F.); Balfour and Campbell (A.) and Drinkwater and Haycock, equal; McKibbin, Blair; Ferguson and Macdonald (J. E.), equal; Bovey, Macbean, Macdonald (P. W.), McLaren (D. T.), Paradis; White and Yorston, equal; Edward and Finnie and Travis, equal.

MECHANICAL ENGINEERING.

FOURTH YEAR.—Gill, Courtice. Class II.—Hunter and Kenny, equal. Class III.—Clarke; Smaill and Walkem and McDougall, equal; Bayfield, Rutherford (G. S.).

THERMODYNAMICS.

FOURTH YEAR.—Class I.—Gill, Wright, Kenny; Chase and Green, equal; Courtice; Jaquays and Stewart, equal. Class II.—Clarke, Webb, Killaly. Class III.—Hunter, Mussen, Hare, Dufresne, Huestis, Trenholme, Rutherford (F.); Bayfield and Rutherford (S. F.), equal; Reinhardt and Rutherford (G. S.) and Walkem, equal; Denis (T.).

THEORY OF STRUCTURES.

- FOURTH YEAR.—Class I.—Hare. Class II.—Huestis. Class III.—Killaly, Denis (T.), Dufresne, Reinhardt, Angus.
- Third Year.—Class I.—Stovel (Honours), Thomson (H. N.). Class II.—Connal; Symmes and Thomson (C.), equal; Finnie, White (F. H.), Macdonald (P. W.), Burnham, Campbell (A.); Sise (C. F.) and Walters, equal; Drinkwater and Ferguson, equal; Chamberlain and McKibbin, equal; Macdonald (J. E.); Bovey and Haycock, equal; Balfour and Edward, equal; Class III.—Davidson (S.) and McLaren, equal; Pitcher and Yorston, equal; *Beatty; Bell (J. W.) and Packard, equal; Macleod (G. R.), Travis, *Paradis, Blair, Macbean, Ross, *Dougall.

 Passed, Mackinnon, Newcombe.

RAILROAD ENGINEERING.

- FOURTH YEAR.—Class I.—Killaly. Class II.—Reinhardt, Huestis, Hare. Class III.—Denis, Dufresne, Angus.
- THIRD YEAR.—Class I.—None. Class II.—Macleod (G. R.,

Passed, Newcombe.

*Supplemental in Paper II.

HYDRAULICS.

FOURTH YEAR.—Class I.—Gill and Stewart, equal; Courtice. Class II.—Clarke, Jaquays, Chase, Green, Huestis, Wright, Hunter; Hare and Kenny, equal; McDougall (W.) and Walkem, equal; Webb; Rutherford (G.S.) and Rutherford (S.F.), equal; Mussen. Class III.—Rutherford (F.), Bayfield, Killaly, Trenholme, Reinhardt, Denis, Dufresne.

HYDRAULICS (Honours).

FOURTH YEAR.—(In order of merit), Gill, Stewart, Clarke, Wright, Chase, Jaquays.

ELECTRICAL ENGINEERING.

FOURTH YEAR.—Class 1.—Chase, Wright; Currie and Cunningham, equal. Class 11.—Trenholme, Jaquays. Class III.—Rutherford (S. F.).

THIRD YEAR.—Class I.—Stovel, Thomson (C.), Macbean. Class II.—Macdonald (J. E.), Symmes, Davidson (S.). Class III.—Pitcher, Burnham; Travis and Walters, equal; Edward.

LABORATORY WORK.

THIRD YEAR.—(Cement Laboratory, Civil Engineering Course).—Class I.— Macleod (G. R.), Angus.

Passed.—New combe.

THIRD YEAR.—(Chemical Laboratory, Mining Engineering Course).—Class I.—Bell (J.W.); Thomson (H. N.) and Turnbull, equal. Class II.—Dougall. Class III.—Hillary. (Practical Chemistry Course).—Class I.—Suter. Class II.—Drysdale.

Second Year.—(Chemical Laboratory, Mining Engineering Course).—Class I.—Young (G A.), Atkinson (D. C. T.). Class II.—Davis; Ainley and MacLean (T. A.), equal; Butler, Atkinson (W. J.).

FIRST YEAR.—(Chemical Laboratory).—Class I.—Shaw, Moore (E. V.), Hyde (J. C.); Colpitts and Henderson, equal; Blaycock and Fraser (J. W.) and McLean (W. B.), equal; Rogers; Grier and McLaren (A. J.), equal; Kirkpatrick; Hyde (G. T.); Fraser (C. E.) and Ingraham, equal; Campbell (N. M.) and Morgan, equal. Class II.—Waller and Wenger and Yuile, equal; Young (W. M.); McMillan and Whyte (J. S.), equal; Wilson, Coussirat, Bowman; Gagnon and Peden, equal; McMaster, Fraser (H.); Pender and Porcheron, equal; Cornwall and Fetherston-haugh and Moore (W. A.), equal; Denis (L.); Burgess and Nicholls, equal; Pergau; Hutchinson and Kane, equal; Campbell (F. W.) and Dargavel and Preston, equal; Davidson (W. A.), Stevens; Millar and Van Horne, equal.

FOURTH YEAR.—(Electrical Laboratory).—Class I.—Chase, Wright, Currie. Class II.—Jaquays. Class III.—Cunningham, Rutherford (S. F.), Trenholme.

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1.-Clarke, nd Kenny, ford (G.S.) rford (F.),

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Class I.-

ass I.—Bell.—Dougall.
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-Class I.-

V.), Hyde ser (J. W.) J.), equal; am, equal; and Wenger S.), equal; McMaster, Fetherstond Nicholls, F. W.) and Millar and

urrie. Class

- THIRD YEAR.—(Electrical Laboratory).—Class I.—Stovel, Symmes, Thomson (C.).

 Class II.—Macdonald (J. E.); Davidson (S.) and Macbean, equal;

 Class III.—Chamberlain, Burnham, Packard, Sise (C. F.), Bovey;

 Edward and Pitcher and Walters, equal; Blair, Macdonald (P. W.),

 Travis.
- FOURTH YEAR.—(Geodetic Laboratory.)—Class I.—Hare and Huestis and Reinhardt, equal. Class II.—Denis (T.) and Killaly, equal; Angus, Dufresne.
- FOURTH YEAR.—(Hydraulic Laboratory.)—Class I.—Stewart and Wright, equal; Gill and Jaquays, equal; Chase, Mussen, Huestis, Clarke; Courtice and Webb, equal; Hunter and Smaill, equal. Class II.—Green; Kenny and Rutherford (F.), equal; Dufresne; Bayfield and Denis (T.) and Rutherford (S.), equal; Killaly and McDougall, equal; Hare, Walkem. Class III.—Rutherford (G. S.), Trenholme, Reinhardt.
- First Year.—(Mathematical Laboratory).—Class 1.—Hyde (G. T.); Colpitts and Young (W. M.), equal; Burgess and Campbell (N. M.) and Henderson and Kirkpatrick, equal; Moore (E. V.); Bowman and Denis (L.) and McLean (W. B.) and Pender and Shaw, equal; McLeod (N.) and Yuile, equal; Blaylock and Fraser (C. E.) and Gough and Grier and Rogers, equal; Dargavel and Fraser (H.) and Ingraham and Moore (W. A.) and Nicholls, equal; Waller and Wilson, equal; Davidson (W. A.) and Fraser (J. W.) and McMillan, equal; Fetherstonhaugh and Morgan and Peden and Stevens and Wenger, equal. Class II.—Coussirat and Hutchinson and Whyte (J. S.), equal; Gagnon; McLaren (A. J.) and McMaster and Pergau and Sise (E. F.), equal; Preston, Strathy; Austin and Willard, equal; Cornwall and Hyde (J. C.) and Kane and Parizeau, equal; Hickey; Donnelly and St. George, equal. Class 111.—Cox and Hatchette, equal; Ramsay, Parks.
- FOURTH YEAR.—(Mechanical Engineering Laboratory).—Class I.—Kenny. Class II.—Hunter. Class III.—Courtice, Gill, Walkem, Smaill; McDougall and Rutherford (G. S.), equal; Clarke and Bayfield, equal.
- FOURTH YEAR.—(Mechanical Laboratory).—Class 1.—Courtice; Gill and Hunter, equal. Class II.—Kenny. Class III.—Bayfield and Rutherford (G. S.) and Smaill, equal; McDougall; Clarke and Walkem, equal.
- FOURTH YEAR.—(Physical Laboratory.)—Class 1.—Wright, Cunningham, Jaquays. Class 11.—Chase, Currie. Class III.—Rutherford (S. F.), Trenholme.
- Third Year.—(Testing Laboratory).—Class I.—Stovel, Thomson (H. N.). Class II.—Turnbull, Thomson (C.), Macbean; Symmes and Packard, equal; Burnham, Macdonald (J. E.); Connal and Macleod (G. R.), equal; Pitcher, Campbell (A.), McKibbin; Blair and Bell (J. W.), equal; White (F. H.). Class III.—Davidson (S.), Walters; McLaren (D. T.) and Yorston, equal; Haycock and Ross, equal; Edwards; Balfour and Paradis, equal; Macdonald (P. W.), Bovey; Ferguson and Finnie, equal; Sise (C. F.) and Dougall and Drinkwater, equal.

FOURTH YEAR.—(Thermodynamic Laboratory).—Class I.—Gill, Hunter. Class II.—Courtice and Kenny, equal; Smaill. Class III.—McDougall, Rutherford (G. S.), Walkem, Bayfield, Clarke.

SHOPWORK.

- FOURTH YEAR.—Class I.—Hunter, Walkem, Bayfield, Gill, McDougall. Class II.—Courtice. Class III.—Clarke and Kenny, equal; Rutherford (G. S.), Smaill.
- Third Year.—Class I.—None. Class II.—Archibald; Ferguson and Haycock, equal; Finnie; Sise (C. F.) and Symmes, equal; Travis, Campbell (A.); Macdonald (J. E.) and Stovel, equal; Blair. Class III.—Balfour and Thompson (F. W.), equal.
- SECOND YEAR.—(Civil and Mining Courses.)—Class I.—Macphail, Matheson, McCarthy. Class II.—Irving; Atkinson (W. J.) and Benny, equal; Atkinson (D. C. T.); Butler and MacLean (T. A.), equal. Class III.—Ainley; Bond and Young (G. A.), equal; Davis. (Electrical and Mechanical Engineering Courses).—Class I.—Patton; Dean and McRae, equal; Scott, Eaves, Thomas. Class II.—Cape and Hawker, equal; Maclennan and Porcheron, equal; Gisborne and MacKerras, equal; Waterous, Laurie, Sheffield, Davidson (J. H.). Class II.—Mitchell (N. C.), Bacon, McLea, Reaves; Corriveau and Mitchell (N. S.), equal; Summa, Ewan,
- First Year.—Class 1.—Colpitts and Fraser (J. W.), equal; Gough, Austin, Hyde (G. T.), Burgess. Class II.—Ingraham, Young (W. M.); Donnelly and Preston and Wenger, equal; Wilson, Blaylock, Dargavel; Cornwall and Shaw, equal; Bowman and Grier and Peden, equal; Henderson and Yuile, equal; Davidson (W. A.) and Kirkpatrick, equal; Gagnon and McLean (W. B.) and McLeod (N.), equal; Coussirat. Class III.—Denis (L.) and Hyde (J. C.) and Mathers and St. George and Waller, equal; McLaren (A. J.), Fraser (H.); Fetherstonhaugh and Willard, equal; Campbell (F. W.) and Kane and Morgan, equal; Hunt, Fraser (C. E.); Campbell (N. M.) and McMillan and Moore (E. V.) and Pergau, equal; Hutchinson and Parks, equal; Hickey and Moore (W. A.) and Smith, equal; McMaster and Nicholls and Paterson and Rogers and Strathy, equal; McKenzie and Millar and Wilkins, equal; Pender, Howell, Hatchette, Redpath.

Aylı Burr Cha Clay Ellic Hick Hing Hona

Arm Bisso Bond Boyd Bross Cole, Cook Dick

Boyer Dona Douc Gamb Hans nter. Class McDougall,

Class 11.ord (G. S.),

d Haycock, mpbell (A.); Balfour and

theson, Mciny, equal; Class III.and Mechannd McRae, rker, equal; rras, equal; Mitchell (N. . S.), equal;

gh, Austin,); Donnelly 1; Cornwall nderson and Gagnon and III.—Denis aller, equal; lard, equal; aser (C. E.); gau, equal; and Smith, and Strathy, ler, Howell,

Students of the Aniversity.

SESSION 1895-96.

McGILL COLLEGE.

FACULTY OF LAW.

FIRST YEAR.

Aylmer, Henry P., Burnet, Arthur, Farnham Centre, Q Champoux, Charles, Montreal Clay, Samuel, Elliott, Henry Johnson, London, Eng. Hickson, James Claude, Hingston, Wm. H., jun., Montreal Semple, Geo. Hug Honan, Cornelius, Three Rivers, Q Sinn, George M.,

Melbourne, Q | Howard, Eratus Edwin, Frontenac, O Iles, Charles, Montreal Kennedy, John R., Hamilton, O Marler, Herbert Meredith, Montreal Montreal Pelland, Joseph A., Berthier en Haut, Q Montreal Rogers, Reginald H., Alberton, P.E.I. Montreal Semple, Geo. Hugh, Montreal Arnprior, O

SECOND YEAR.

Armstrong, Edgar N.,
Bickerdike, Frank A. C.,
Bissonnette, Jos. E. A., St. Hyacinthe, Q
Bond, Wm. Langley,
Boyd, Leslie H.,
Brossoit, Numa P.,
Cole, Frederick E.,
Cook, John Wilson Cook, John Wilson, Quebec Dickson, Ed. H. Trenholme, Trenholmeville, Q

Montreal | Duclos, Arnold W., St. Hyacinthe, Q Ewing, Jos. Armitage, Jasnin, Pierre S., Coaticooke, Q Coaticooke, Q Kneeland, Abner W., S. Stukeley, Q Laverty, Francis Jos., Mansur, Chas. Henry, Montreal Stanstead, Q Montgomery, Geo. A., Phillipsburg, Q Smyth, Wm. Oswald, Toronto, O Stewart, Alex. M., Edinburgh, Scotl'd

THIRD YEAR.

Boyer, Louis, B.A., (Laval), Montreal Donahue, Wm, B.A., Farnham, Q Doucet, Réné Pothier, Montreal Gamble, Wm., B.A, Hanson, Albert C., B.A., Barnston, Q

Montreal | Mitchell, Victor Evelyn, London, Eng. mham, Q Mullin, Robt. T., Leitchfield, Pontiac, Q. Montreal Surveyor, Ed., B.A., (Laval), Montreal Montreal White, Chas. Dickinson, Sherbrooke, Q

FACULTY OF MEDICINE.

FIRST YEAR.

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Hillsboro, N.B | Howard, C.P., Bristol, Q | Jones, D C., Montreal, Q | Kernan, T.P., B.A., Montreal Allen, W. C., Maitland, O Utica, N.Y *Armstrong, J. W., Aylmer, A. L., Babcock, J. R., Beadie, W. D., Bedard, J. A., Belisle, J. R., Brockville, O *Laurie, E., Montreal Lachine Locks, Q Richmond, Q Nashua, N.H New York City, N.Y Law, R., Lester, C. W Ottawa, O S. Durham, Q Leveque, J. T., Levy, A., B.A., Logie, A. E., Love, R. H., St. Boniface, Man Bonner, J. A., Bowles, C. T., Montreal Chatham, N.B Carleton Place, O Montreal Ottawa, O Bradley, J. H., Charlottetown, P.E.I Bradshaw, J. E., Brannen, J. P., Brennan, F. A., ‡Malone, J. H., Montreal Martin, J. J., Montreal
Massie, J. C., Cowansville, Q
May, L. W., Ottawa, O
Murphy, E. F., St. John, N.B
Macdonald, J. S., Prince Edward Island
Mackenzie, C. A., Toronto, O
Mackinnon, I. W., Charlottetown, P.E.I
McCombe, J. Montreal Montreal St. Albans, Vt Burnett, P.,
Burnett, W. B., B.A.,
Burris, J. S.,
Musquodoboit, N.S
Kingston, O Burrows, A E., Butter, J. A., Kingston, O Inverness, Q Ottawa, O McCombe, J., *McConnel!, R. E., McDougall A., Cameron, L. G. Montreal Casselman, P. C., Montreal Morrisburg, O Casselman, F. C., †Cleary, J. K., Conroy, R. J., †Craig, A. F., Cram, W. J., Cumming, W. A., Cunningham, F. J., Clinton, O Morewood, O McDougall A.,
McKay, J. G.,
McKechnie, W. C.,
McLaren, W. S.,
McNally, D. A.,
McNaughton, F. M. A.,
McNaughton, F. M. A.,
McNaughton, Garsonby, Q Montreal Peterboro, O Montreal Carleton Place, O Buckingham, Q Montreal Huntingdon, Q Ottawa, O Cunningham, A. A., McNiece, T.,
Nash, A. C.,
Nicholson, F. J., B.A.,
tNichol, F. C.,
Noble, E. C.,
O'Brien, J. R., B.A.,
O'Callaghan, M.,
Paterson, A., B.A.,
Reynolds, F. L.,
*Roberts, A. B.,
Rochon, O. J., B L.,
Ross, S. A., Cuzner, G., Darché, C. E., Dandurand, L. H., Carsonby, O Ogdensburg, N.Y Danville, Q Montreal Victoria, B.C. Dandurand, L. H.,
Davis, J. W.,
*Dickson, W. H.,
Delaney, R. E.,
*Dixon, W. E.,
Doull, A. E.,
Drier, N. E.,
Richt
Dyer, E. O., B.A.,
*Ells, R. R.,
Fitzgerald, C. T., Har
Fourney, F. W., B.A.,
Fuller, G. F. LeRoy,
Gaffney, J. A.,
Galbraith, W. S.,
*Gardner, R. L.,
*Gillis, E. G.,
*Gordon A. H., Windsor, O Montreal Davis, J. W Potsdam, N.Y Pembroke, O Springfield, Mass Ottawa, O Kars, O Montreal Montreal Montreal Richmond Corners, Q St. John, N.B. Lanark, O Rockland, O Sutton, O Ottawa, O Harbor Breton, Nfld Ross, S. A., Ryan, G. H. W., *Scriver, E. F., Hintonburg, O Montreal Montreal Montreal Sweetsburg, Q *Ship, M. L., Shore, R. A. A., B.A., Sutherland, W. H., Bridgeport, Conn Lethbridge, N.W.T Brockville, O Montreal Toronto, O Sea View, P.E.I Aylmer, Q Montreal Montreal Symmes, C. R., Summerside, P.E.I *Thomas, J. W *Thomas, J. W.,
Thompson, G. H.,
Tooke, F. T., B.A.,
Turnbull, T.,
Weed, H. T.,
Wheeler, F. C.,
Whillans, H. A.,
*White, E. H.,
Wilkins, W. A., New Glasgow, N.S Montreal Ottawa, O St. John, N.B Gordon A. H., *Grace, A. H., Gray, C. F. A., Montreal Montreal Stratford, O West Union, Iowa Gray, C. F. A., Greene, E., Hardisty, R., Harris, J. A., †Harwood, F. A., Higgins, C. P., Richford, Vt Leitrim, O Montreal Hintonburg, O Montreal Montreal Vaudreuil, Q Victoria, B C Charlottetown, P.E.I St. Eleanors, P.E.I Wood, J. H., Woodley, J. W., Wilkins, W. A Montreal Potsdam, N.Y Montreal Hogan, A. E., Holland, C. F., Rockland, O

SECOND YEAR.

Alley, G. T., Banfill, S. A., Barlow, W. L., B.A., Montreal Bartlett, G. W., Barry, F. A., Bayfield, G. E., Beaulieu, J. F., Beattie, R. F., Maitland, O Utica, N.Y Brigus, Nfld Montreal Charlottetown, P.E.I Montreal Ottawa, O Quebec Economy, N.S New Glasgow, N.S . Durham, Q Bell, J., †Berwick, D. J., Birkett, F. W., Blackett, J. W., B.A., miface, Man Montreal Farnham, Q natham, N.B Ottawa, O Ormstown, Q Cantley, Q Carleton Place, O on Place, O Brown, G. T., Brown, C. H., B.A., Montreal Montreal Finch, O New Glasgow, N.S St. John, N.B. Campbell, V. B., Chisholm, J., wansville, Q Ottawa, O t. John, N.B Corbet, G. G. Corcoran, J. A., Warden, Q Grand Manan, N.B ward Island Covert, A. M., Cushing, H. B., B.A., Dalpé, W. H., B.A., Toronto, O etown, P.E.I Montreal Montreal Montreal Davidson, C., Deane, R. B., Dearden, D. C. A., Montreal Montreal Regina, N.W.T Clinton, O Iorewood, O Richmond, Q. Dearden, B. C. A.,
Dickson, S. M., B.A.,
Donnelly, C. C.,
Douglas, J. A.,
Duncan, R. G.,
Dunn, C. B.,
Duval, J. L., Montreal quette, Man St. Catherines, O rmstown, Q illage, P.E.I Chatham, O Montreal Abercorn, Q Grand Ligne, Q ntingdon, Q Carsonby, O nsburg, N.Y ictoria, B.C Fagan, G. A., N. Adams, Mass Fairie, J. A., Montreal Fawcett, R., Jamaica, West Indies Finnie, J. H., Montreal Montreal Finnie, J. H.,
Forbes, A. M.,
Fox, A. C. L.,
Francis, B.,
Fraser, F. C., B.A.,
Galbraith, H. H.,
Gillies, B. W. D.,
Grace, N.,
Green, F. W.,
Hall, W. T.,
Harvey, F. W., B.A.,
Haydon, C. H.,
Heney, A. E.,
Houston, J. C.,
Howden, G. T.,
Hudson, H. P.,
Irving, L. E. W.,
Jamieson, W. R.,
Jones, F. B.,
Kennedy, W. G.,
Keenan, F. T. J., otsdam, N.Y Ottawa, O Montreal Winnipeg, Man Sydney Mines, C.B Kars, O Montreal Montreal . John, N.B. Westmount, Q Teeswater, O Lanark, O Rockland, O Montreal ntonburg, O Victoria, B.C Montreal Montreal Montreal Abercorn, Q St. John, N.B Montreal Toronto, O View, P.E.I Montreal New Glasgow, P.E.I Aylmer, Q Montreal Montreal Chelsea, Q Toronto, O lasgow, N.S Montreal Ottawa, O Stratford, O Montreal Union, Iowa Richford, Vt Montreal Lindsay, O Wood, D. F., ntonburg, O Montreal

Charlottetown, P.E.I | *Kent, E. E., | St. Ann's, | Magog, Q | Kiernan, W. H., B.A., | Three Rivers, | Peterboro, | St. Ann's, Q Peterboro, O Lamb, J. A., Lang, A. A. J., Ottawa, O Almonte, O Loeb, A. A. Lynch, W.W., Mellon, P. B., Montreal Knowlton, Q Ottawa, O Mellon, P. B., Mooney, M. J., Morris, T. E., Moss, J. N., Mousseau, E. A., †Murroe, J. A., Inverness, Q St. John, N.B Montreal Hull, Q S. Ely, Q Lachine, Q Prentice, Wis St. John, N.B Mussen, A. T.,
Myers, D. A.,
Macaulay, J. F.,
Maclean, J. N.,
Macoun, H. J. G.,
McDonald, P. B., Sarnia, O Montreal Morrisburg, O Arnprior, O McLean, J. R., B.A., McLennan, P. A., Lancaster, O McLeod, J.,
McMurtry, A. L.,
Ogilvy, C., B.A.,
Oneil, C. A.,
Outhouse, J. S., B.A., St. Andrews, N.B.
Oldham, N.S O'Shaughnessy, L. J., Patterson, R. U., Patterson, F. P., Peters, C. A, Baltimore, Md St. Martin's, N.B St. John's, Nfld Peters, C. A,
Pigeon, W. H.,
Pittis, H.,
Powers, M., B.A.,
Rajotte, E. C. F.,
Rose, W. O.,
Ross, W. J.,
Rutherford, R. M.,
Schwartz, H. J.
Sihler, W. F.,
Smith, A. M., B.A.
Snyder, A. E. W.,
Soden, A. E. W., Peterborough, O Plainfield, N.J Ottawa, O Montreal Lakeville, P.E.I Martintown, O Hawkesbury, O Quebec Simcoe, O Petitcodiac, N.B. Coaticooke, Q Petitcodiac, N.B Valparaiso, Chili Danville, Q Soden, A. E., Stansby, F. C., Stockwell, H. P., Stockwell, H. P., Tansey, O. J., Telford, R., Tiffany, G. S., *Todd, J. L., Trites, C. B., Walker, P. McH., West, J., M.A., Whittan, D. A., Wilkins, F. F., Wood, D. F., Montreal Freelton, O Alexandria, O Victoria, B.C Petitcodiac, N.B Grafton, N.D. Montreal Ottawa, O Montreal Faribault, Minn

Montreal

Montreal

otsdam, N.Y

Rockland, O

^{*}rDouble Course.

Dental Student.

[‡] Partial Student.

THIRD YEAR.

Barclay, J.,	Montreal	Morse, L. H., B.A., Glen Sandfield, O
Bearman, G. P.,	Bell's Corners, O	Macdenald, D. J., Whycocomah, C.B.
Brears, C. F.,	Montreal	MacDougall, G. P., Summerside, P.E.I
Brown, W. K.,	Quebec	MacLeod, E. E., Vancouver, B.C
Brown, C, L., B.A.,	Port Lewis, Q	McCabe, J. A., B.A., Windsor Mills, Q
Burrell, R. H.,	Yarmouth, N.S	McCallum, E., Maxville, O.
Campbell, H. C.,	Russell, O	McDougall, J. G., Blue Mountain, N.S.
Campbell, I. G.,	Montreal	McElroy, A. S., Richmond, O
Darche, J. A.	Sherbrooke, Q	McKinnon, F. W., Vankleek Hill, O
Dean, W. E.,	Toronto, O	McLaren, R. W., St. Raphael's, O
Delmage, F. W., B. A.		McLennan, A. A., Lancaster, O
Doyle, J. J.,	Halifax, N.S	McNally, W. P., Abram's Village, P.E.I
Eberts, E. M. von	Winnipeg, Man	McRae, W. R., Baddeck. C.B.
Ferguson, W. R.,	Toronto, O	McRae, J. D., Glen Nevis, O
		a
Foster, G. M.,	Pembroke, O	
Foster, A. L.,	Ottawa	Palmer, A. J., Buckingham, Q
Gadbois, F. A.,	Sherbrooke, Q	Pallister, W. T., Guelph, O
Garrett, L.,	Montreal	Pennoyer, A. R., Cookshire, Q
Gilday, F. W.,	Montreal	Poussette, W. C., Peterboro, O
Gladman F. A	Lindsay, O	Prodrick, W. S., Ottawa
Gladman, F. A.,		
Gordon, G. S.,	Halifax, N.S	Purvis, B. H., Montreal
Gourley, T. A.,	Eganville, O	Ritchie, A. A., Dalhousie, N.B
Gurd, C. C.,	Montreal	Robert, G. C., Holyoke, Mass
Harding, E. S., B.A.,	Amherst, N.S	Robert, A. N., Holyoke, Mass
Harrier F (1 P A	Wolfville, N.S	
Harvey, F. C., B.A.,		Robertson, A. R., Arnprior, O
Hayden, E. W., B.A.,	Cobourg, O	Robertson, H. M., Chatham, O
Hurdman, H. H. H.,	Ottawa	Robertson, D. McD., Perth, O
Jackson, F. L.,	Westmount, Q	Rogers, F. E., Brighton, O
	rlottetown, P.E.I	Roy, J. J., New Glasgow, N.S.
Johnston, J. A.,	Kinkola, P.E I	
Jost, A. C.,	Guysboro, N.S	Skeels, A. A, B.A., Montreal
Kerr, R. A.,	Montreal	Smith, H., Acadia Mines
Keenan, C. B.,	Ottawa	Sparrow, C. J., Alexandria, O
Kirby, H. S.,	Ottawa	Stanfield, H. M., B.A., Truro, N.S.
	Montreai	
Laidley, I. H.,		
Laing, A. L.,	Montreal	St. Pierre, A. D., Ripon, Q
LaRue, H. A.,	Quebec	Thomas J. E., Montreal
Lennon, H., B.A.,	Montreat	Thomas, H. W., Montreal
LeTouzel, J. R.,	Goderich, O	Thompson, J. A., Kinnear's Mills
	St. Stephen, N.B	Tierney, J. A., Fallowfield, O
Lockary, J. L.,		
Long, C. B.,	Whitehall, N.Y	Tozer, F. W., Newcastle, N.B.
Lyster, H. F.,	Richmond, Q	Trainor, J. B., Kelly's Cross, P.E.I
Malloch, N.,	Kenmore, O	Wainwright, S. F. A., St. Andrews, Q
Maloney, M. J.,	Eganville, O	Wainwright, F. R., Montreal
Monkley E A	Morrisburg, O	Williams, E. J., B.A., Montreal
Merkley, E. A.,		Wilson D. W. E. Montreal
Midgley, R. J.,	Woodstock. O	Wilson, F. W. E, London, O
Midgley, R. J., Morris, C. H., B.A.,	Windsor, N.S	

FOURTH YEAR.

Archibald, E. W., B.A., A.gue, J. F Ault, C. R Bonnell, S., Brathwaite, J. M., Brunelle, P., Carron, F. B., Church, C. H.,	Carp, O Montreal Halifax, N.S Barbadoes, W.I Lowell, Mass Brockville, O		Montreal Lockport, NS Montreal , Parrsboro, N.S Montreal Fredericton, N.B Montreal Stratford, O	
Bonnell, S., Brathwaite. J. M., Brunelle, P., Carron, F. B.,	Halifax, N.S Barbadoes, W.I Lowell, Mass Brockville, O	Corbett, F. A. F., B.A. Craig, R. H., Crocket, A. P., Curran, T. J.,	, Parrsboro, N.S. Montreal Fredericton, N.B. Montreal	

Name
Baker
Baker
Brown
Bruce,
Burke,
Burton
Camer
Cotton

andfield, O omah, C.B. side, P.E.I ouver, B.C or Mills, Q faxville, O intain, N.S. chmond, O ek Hill, O aphael's, O incaster, O lage, P.E.I ldeck. C.B n Nevis, O Ottawa ingham, Q Guelph, O okshire, Q eterboro, O Ottawa Montreal jousie, N.B yoke, Mass yoke, Mass rnprior, O hatham, O Perth, O righton, O sgow, N.S ester, Mass Montreal adia Mines xandria, O Truro, N.S odson, N.S Ripon, Q Montreal Montreal near's Mills lowfield, O castle, N.B. castle, P.E.I indrews, Q Montreal Montreal London, O

> Montreal ckport, NS Montreal rsboro, N.S Montreal ricton, N.B Montreal tratford, O

Glen Sandfield, O | Mowatt, W., B.A., Cardigan Bridge, P.E.I | McCartney, F. W., Quebec | Macaulay, J. J. F., Dewar, J. E., Montreal Donahoe, M., Montreal Drum, L., B.A., River Dennis, N.S. Duckett, F. J., Dunbar, W. R., Edwards, A. F., Elliott, F. B., Ellis, G. H., Macpherson, D., Montreal Montreal MacTaggart, D.D., B.A., McAllister, D. H., Abercrombie, N S Montreal Thurso, Q Mayfair, O Belle Isle, N.B McArthur, A. W., McDonald, H. K., McEwen, D., Williamstown, O Dundela, O Pictou, N.S. Ewan, R. B., Montreal St. Elmo, O Ferguson, J. A., Findlay, C., Smith's Falls, O McGannon, A. V. Brockville, O Hamilton, O Newcastle, N.B Vancouver, B.C Oppenheimer, S. S., Fish, E. C., Fisk, W. M. Patrick, D., Montreal Abbotsford, Q Prescott, A. H., Queensbury, N.B Robertson, W. A. T.,
Robins, G. D., B.A.,
Ross, R. O., B.A.,
Ryan, J. P.,
Portage la Prairie, Man
Ryan, E. J. Fraser, A. D., Fraser, H. B., B.A., Breadalbane, O Westmeath, O Foss, A. F., Goltman, A., Sherbrooke, Q Montreal Grant, A. J., Grant, D., Pembroke, O Pictou, N.S Ryan, E. J., Scott, W. T., Seaton, J. S., St. Kitts, W.I Montreal Hartin, G., Healy, D. J., Hogan, E. V., B.A., Howell, W. B., Bell's Corners, O St. John, N.B Summerside, P.E.1 Toronto, 0 Secord, J, H., Smellie, W., Smith, R. A., Weymouth, N.S. Huntingdon, Q Montreal Howell, W. B.,
Hughson, E. R.,
Irvine, A. D.,
Johnston, F. E. L.,
Keith, H. W.,
Kelly, J. K.,
Kemp, H. G.,
Kendrick, W. N.,
Lambly, W. D.,
Lauder, S. E.,
Lee, F. J.,
Leslie, P. C.. Durnam, O Sintin, R. A., Shaw, R. B., Slack, T. J., Smith, S. R. B., Smith, R. E. G., B.A., Smyth, W. H., B.A., Blenheim, O Cove Head, P.E.I Westmount, Q Waterloo, Q Delaware, O Havelock, N.B Brighton, O Woodstock, N.B. Almonte, O Montreal Brighton, O Austin, Minn., U.S.A Hemmingford, Q Spearman, F. S Stackhouse, O. C. S., Lachute, Q. Staples, C. A., B.A., Stillwater, Minn Steeves, C. P., B.A., Lr. Coverdale, N. B. Sutherland, J. A., River John, N.S. Inverness, Q Durham, O Port Hope, O Leslie, P. C., Lynch, D. P., Martin, R. H., Tees, J., B.A., Montreal Montreal Chapleau, Q Chatham, O Tetreau, T., Thomson, F. L., Tupper, T. S., Lawrence, Mass Perth, O Fredericton, N.B Mason, R., Milburn, J. A Dalesville, Q Harper, O Florenceville, N B Peterboro, O Warren, J. F Mitchell, R. W., B.A., Moffatt, W. A., Moles, E. B., Montreal Wheeler, F. H., White, R., Wood, W. S., Ormstown, Q Arnprior, O Pembroke, O Faribault, Minn., U.S.A. Morse, L. R., B.A., Lawrencetown, N.S.

FACULTY OF ARTS.

Undergraduates.

FIRST YEAR.

Names.	School.	Residence.
Baker, Geo. P., Baker, Harry G.,	St. Paul's School, Concord, N.H.,	Yarmouth, N.S.
Brown, Walter G.,	Huntingdon Academy,	Berthier, Q Athelstane, Q
Bruce, Guy O. T.,	Huntingdon Academy,	Huntingdon, Q
Burke, Edmund A., Burton, Henry T.,	Bishop's Coll. School, Upper Canada College,	Montreal Montreal
Cameron, Arch. G.,	M. H. S.,	Montreal
Cotton, Chas. M.,	Grande Ligne, Q.,	Sweetsburg, Q
Cumming, W. Gordon,	M. H. S.,	Montreal

Cushing, T. Hubert, DeWitt, Jacob, Douglass, Fred. C., Duguid, Robert C., Edward. Arch. T., Ells, Hugh, Ferguson, Colin C., Goodall, Jas. R., Hardisty, Richard, Henderson, Ernest H., Holland, Thos. B., Ireland, Angus A., Johnson, R. De Lancey, Keith, Henry J., Laurie, Ernest, Lee, Hy. S., Lundie, John Alex., McClung, Robert K., McDonald, Paul A., McKenzie, Bertram S., McLeod, John B., Mathers, Wm. R., Millar, W. Kinlock Oswald, Malcolm C., Patch, Frank S., Phillips, Chas. E. H., Rice, Horace G. Roberts, Alex. B. Robertson, Lemuel, Scriver, Ernest Fred., Shaw, Leonard D., Skinner, Waldo W., Smith, E. Victor, Stewart, Donald, Stuart, James, Vipond, Ernest E., Wainwright, Arnold, White, E. Hamilton,

Montreal Collegiate Institute Montreal Montreal Collegiate Institute, Montreal Montreal Collegiate Institute, Montreal M. H. S. Montreal Montreal Collegiate Institute, Montreal Ottawa Collegiate Institute, Prince of Wales College, P.E.I.. Ottawa Marshfield, P.E.I Óttawa Ottawa University, Montreal Franklin Centre Huntingdon Academy, Montreal Diocesan Theological Coll., London, Eng Montreal Diocesan Theological Coll., Montreal Montreal Montreal Collegiate Institute, Smith's Falls H. S., Smith's Falls, O M. H. S., Private Tuition, Montreal Kamloops, B.C M. H. S., Montreal Hamilton Collegiate Institute Kingsbury, Q St. Agnes de Dundee Huntingdon Academy, Coll. Inst., London, O., Prince of Wales College, London, O Springton, P.E.I St. John, N.B. Pembroke H. S., Pembroke, O Abingdon S., Montreal, Montreal M. H. S. Montreal Montreal Collegiate Institute, Woodstock Collegiate Institute, Montreal New Durham, O Almonte H. S., Lanark, O Prince of Wales College, P.E.I., Marshfield, P.E.I Montreal H. S., Hamilton, O Davenport School, St. John, N.B., Davenport S. & U. C. College, St. John, N.B St. John, N.3 Albert College, Belleville, Brussels Almonte H. S., Dunbar, O Huntingdon, Athelstan, Q Montreal Collegiate Institute, Montreal Montreal M. Coll. Inst., Abingdon School, Mon.real, Montreal

SECOND YEAR.

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Bates, C. John L., Bishop, W. Gordon, Bruce, John C., Colby, Jno. Child, Costigan, Jno. Wm., M. H. S., Dalgleish, Robert Wallace, Huntingdon Academy, Duff, Alex. H., Montreal Collegiate In Evans, John Henry, Gardner, Wm. A., Gilday, Arch. L. C., Grace, Arch. H., Guthrie, Norman, Heeney, Wm. B., Heine, M. Casewell, Larmont, G. E., Leet, Merrick A. Leney, John Muirhead,

School.

Residence. Vankleek Hill H. S., L'Orignal, O Montreal Collegiate Institute, Montreal Huntingdon, Q Huntingdon Academy, Campbell, J. Aug. Ewat., Montreal Collegiate Institute, Montreal Montreal Collegiate Institute, Stanstead, Q Montreal Huntingdon, Q Montreal Montreal Collegiate Institute, Montreal Collegiate Institute, Montreal Huntingdon Academy, M. H. S., Huntingdon, Q Montreal Ref. Epis. Theol. Seminary, Phila, U.S., Montreal Montreal Diocesan Theol. College,

Danford Lake, Q Leal School, N.J., U.S., M. H. S., New York City Montreal McGill Normal School, Castlebar, Q M. H. S., Montreal

Mo Me Mo Mu Pa Pa Pla Pri Ro Ros Shi Ste Tar The The Too Tur Tur Vin Wor

Mo

Arn Boy Bron Can Can Cra DuB Doug How Ives. John Ker, McBu McLe McLe McM Macf

Arc

Ashd Camp Cobu Fergi Gord Howe Interi Lenne McMa Molso Patte:

Montreal Montreal Montreal Montreal Montreal Ottawa ohfield, P.E.I Ottawa Montreal iklin Centre London, Eng Montreal Montreal th's Falls, O Montreal amloops, B.C Montreal Kingsbury, Q s de Dundee London, O ngton, P.E.I St. John, N.B. Pembroke, O Montreal Montreal Montreal v Durham, O Lanark, O Hamilton, O t. John, N.B t. John, N.3 Brussels Dunbar, O Athelstan, Q

Residence.

Montreal

Montreal

Montreal

L'Orignal, O
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untingdon, Q
Montreal
Stanstead, Q
Montreal
untingdon, Q
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Montreal
untingdon, O
Montreal
untingdon, O
Montreal
Montreal

nford Lake, Q ew York City Montreal Castlebar, Q Montreal

Luttrell,, Henry P., M. H. S., McConnell, Robert Ernest, M. H. S., McGregor, Jas. Albert, Huntingdo M. H. S., Montreal Montreal Huntingdon, Q Dunstaffuage, P.E.I Huntingdon Academy, McLeod, Hy. Stamforth, McLaren, A. Henderson, Meyer, John B., Prince of Wales College, Huntingdon Academy, Huntingdon, Q Montreal Senior S. & Private Tuition, Moore, Percy T., Munn, D. Walter, M. H. S., Montreal Quebec High School, Quebec Paterson, Edwin R., Paterson, Robert Childs, St. Francis College, Montreal Montreal Collegiate Institute, Montreal Place, Edson G., Millington, Q Waterdown, O Stanstead College, Prudham, W. W., Waterdown H. S., Mt. Hermon, Mass. Ross, Arthur B., Ross, Wm. Walter, Montreal McGill Normal School, Hopetown, Q Ship, Moses, Stephens, J. Grongar., Tarlton, B. B., Thomas, J. Wolferstan, M. H. S, University College of Wales, Montreal New Rocklands, Q Private Tuition, Montreal Bishop's College School, Montreal Kinnear's Mills, Q Victoria, B.C Thomson, Jas. Richard, Todd, J. L., Sarnia Collegiate Institute, Upper Canada College, Turner, Henry H., Turner, Wm. D., Carleton Place H. S., Appleton, O Appleton, O Montreal Almonte H. S., Vineberg, Abraham, Worth, Fulton J., M. H. S., Wellington, B.C Pictou Academy,

THIRD YEAR.

Archibald, Sam. G. Montreal Armstrong, W. J. Alex., Boyce, W. S. P., Bristol, Q Norham, O Browne, John G., Campbell, Ed. M Montreal Inverness, Q Campbell, Roland P., Westmount, Q Crack, H. Arthur,
DuBoyce, Percy C.,
Douglas, Robert J.,
Howard, A. Campbell P.,
Ives, Charles K, Kingsbury, Q West Bolton, Q Earltown, N.S Montreal Stanstead, Q Johnston, Wallace, Ker, Robert Harold, Redgrave Montreal McBurney, Chas., McLean, Sam., McLeod, Donald M., Sawyerville, Q Bolsover, O Springton, P.E.I McMaster, Andrew R., Montreal Macfarlane, Lawrence, Montreal

Mackay, Malcolm, Montreal Macmillan, Talm. R., Newhaven, P.E.I Mallinson, Stephen H., London, Eng Moore, Wm., Ross, Alex. R. Lachute, Q Montreal Rewat, Donald McK., Russel, Colin K., Ryan, Wm. A., Saxe, John G., Athelstan, Q Montreal Three Rivers, Q Montreal Steacy, Fred. W., Stevenson, James, Montreal Montreal Trenholme, Arthur K., Westmount, Q Kingsbury, Q Lynn, Mass., U.S. Watson, Wm., Watters, Wm. H., Willis, Jonn J., Montreal Wyman, Dan. B., Chute au Blondeau, O Wyman, Hiram B., Chute auBlondeau, O

FOURTH YEAR.

Ashdown, Chas. R., Campbell, Geo. A., Coburn, David N., Toronto, O Montreal Up: Melbourne, Q Ferguson, Wm. S. Gordon, Alfred E., Howell, Arch. R., Marshfield, P.E I Alberton, P.E.I Montreal Internoscia, Antonio, Montreal Lennon, Walter S., McMartin, Thos. A., Montreal Gr. Frenière, Q Molson, Kenneth, Montreal Patterson, W. Fred., Montreal

Pollock, Thos. I., Hill Head Robertson, John C., King's Co., N B Ross, Herbert, Montreal Saunders, Frank C., Montreal Scott, Arthur P. Montreal Scrimger, J. Tudor, Montreal: Smiley, Francis C., Turner. Wm. G., Watt, J. C., St. Lambert, Q. Quebec Lanark, O Young, Stephen, Blakeney, O

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.

Anderson, Fred. J.,	Johnston, John L.,	Toronto, O
Pt. St. Charles, Montreal	Kay, W. Fred,	Philipsburg, Q
Angell, Ernest E., Mooers, N.Y., U.S.	Kingsbury, H. C. W.,	
Blythe, J. J., Montreal	Knowles, W. E.,	Pembroke, O
Boshart, Wm. P., Renfrew, O	Lyster, M. R.,	
Bouin, Alex. L., Montreal	McAteer, T. G.,	Stayner, O
Burke, Maurice N., Montreal	McGregor, George	
Campbell, Geo. I., Aultsville, O	McLeod, E. N.,	
Campbell, Jas. D., Leaskdale, O	Mackay, Hugh,	Montreal
Charlesworth, J. W., Sheffield, Eng	Mahon, Egbert,	Boston, U.S.
Colborne, Jas. H., Hyndman, O	Mathieson, Peter,	Forresters Falls, O
Crozier, Hugh G., Grand Valley, O	Mick, D.,	Micksburg, O
Cunningham, A. A., Huntingdon, Q.	Mitchell, Walter G.,	Drummondville, Q
Curdy, E., Port Vallais, Switzerland	Munroe, Thos. A.,	
Dickson, W. Howard, Pembroke, O	Pt. St.	Charles, Montreal
Dixon, Wm. E., Montreal	Nichol, Jacob J.,	
Dorion, Walter A., Montreal	Pack, Edgar W.,	Toronto O
Eagleson, Rd., Hazeldean, O	Parker, Dan. T.,	Cambria' Q
Elliott, D. D., Haley's Station, O	Paterson, Chas. S.,	Montr, eal
Ferguson, J. R.,	Poston, Jas. A.,	Montreal
Fraser, Simon L, Hawkesbury, O	Rankin, A G. Ernest	Montreal
Frye, A. W., Windsor Mills, Q	Redpath, J. Clifford,	Montreal
Gardner, R. Lorne, Breckville, O	Redpath, J. Herbert,	Montreal
Greig. J. G., Westmount, Montreal	Reid, Leslie W.,	Aberfoyle, O
Hall, Robt. F., Toronto, O	Scott, Dan. J.,	Martintown, O
Halpenny, E. Wesley, Bear Brook, N.S.	Sykes, C. A.,	Cobden, U
Haughton, Chris., Reid's Mills, O	Williams, Walter J.,	
Heal, G. Édgar,	Wilson, Thos. J.,	Shawville
Calbourne, Isle of Wight, Eng		

SECOND YEAR.

	Abram, Ls., Montécheroux, France Alexander, J. Lambert,
	Bowmanville, O
)	Angell, Ernest E.
١	Blythe, J. J.

Bradshaw, J. Ernest, Valleyfield, Q Brown, Wm. T., Smith's Falls, O Charlesworth, J. W.

Colburne, James H. Coolican, A. T. Crombie, G. L., Crozier, Hugh G. Fort Coulonge, O

(1) Curdy, E. Seeley's Bay, O Dorman, J. A. Ferguson, Hugh, McLaren Depot, O Hall, Robt. F.

(1) Hall, Root, F.
(1) Halpenny, E. Wesley
Halpenny, Wm., Smith Falls, O
(1) Haughton, Christopher
(1) Heal, G. Edgar
Hill, W. H. P., Montreal Jackson, J. A.

Johnson, J. Guy W., Knowles, W. E. Leitch, Hugh, Montreal Walkers, O

Leith, Magnus J., Lough, D. A., McCleevy, R. K. McGuire, John, McIver, Wm. Evander Atherley, Q Ottawa, O Stratford, O. Maclean, Allan S., Scarp, Tarbert Harris, Scotl'd

Mair, John A., (1) Mick D. Miller, Robt. A., Lanark, O Lumley Monsinger, Hy., Nelson, Francis E Winslow, O Wilcox, O Pollock, Albert F., Rapson, Alex., (1) Reid, Leslie W. Forest, O Constance, O

Rey, Jean Roberts, J.E., Earlestown, Lau., Eng Rowan, Wm. L., Pembroke, U Runnells, Arthur E., Egypt, Q Egypt, Q Brampton, O Sanderson, J. R., Smythe, Theo. A., Suter, R. W. Jamaica, W.I

Williams, Walter J. Williamson, A. W., Wilson, A. C. Shawbridge

(2) Alex (2) Ang Ang (2) Blytl

Brac Brad (2) Brow Cave

Char Colt (1) Cunn (2) Dorm Elliot

(1) Frye, (2) Hall, Halpe (2) Halpe

(2) Heal, Hill, (2) Hill, Horse

(3) Angli Belton Brace. Camp Caver

Crozie Eagles Elliott Fergu

Fraser (3) Frye, Haugh (3) Hill, H (3) Hill, V

(3) Horsey

Leroy, O McIntosh, Trenhelme

Nan Armstrong, Finley, Kat Holiday, Ar

Student. ent takes und.

pronto, O osburg, Q oxham, Q broke 0

tayner, O

Montreal ston, U.S. Falls, O sourg, O

Montreal

pronto, O mbria, Q Montr, eal Montreal Montreal Montreal Montreal rfoyle, O ntown, O obden, U Montreal Shawville

therley, Q ttawa, O

atford, O

s, Scotl'd anark, O

Lumley inslow, O Wilcox, O Forest, O stance, O

Lan., Eng nbroke, O Egypt, Q mpton, O aica, W.I

awbridge

THIRD YEAR.

Kelly, Matt.,
(2) LeRoy, O. E. (B.A.)
(1) AcAteer, T. G.
(2) McGuire, John (2) Alexander, J. Lambert Hamilton, O (2) Angell, Ernest E Anglin, W. W., (2) Blythe, J. J. Brace, A. Philip, Battersea, O Hamilton, O (2) Maclean, Allan S. (2) Bradshaw, J. Ernest (2) Brown, Wm. T. Cavers, C. A., (2) Charlesworth, J. W. (2) Mair, John A. (2) Mick, D. Homer, O (2) Monsignor, Ry. (2) Nelson, Francis E.
(2) Pollock, Albert F.
Quincy, J. A.,
(2) Rapson, Alex.
(2) Reid, L. W. Colt urne, Jas. H. Cunningham, A. A. Mallorytown, O Dorman, J. A. Elliott, D. D. Frye, A. W. Hall, Robert F. (2) Roberts, J. E. (2) Rowan, W. L. (2) Runnells, Arthur E. (2) Halpenny, E. Wesley Halpenny, William Heal, G. Edgar Hill, Harry, St Hill, W. H. P. Sanderson, J. R. Watt, R. G., Lanark Village Smith's Falls, O (2) Williams, Walter J. (2) Williamson, A. W. Kingston, O (2) Ziegler, J. A., Horsey, Harold I., Berlin, O

FOURTH YEAR. (3) Kelly, Matt.
 (2) Lough, D. A.
 (3) McIntosh, D. S. (3) Anglin, W. W. Belton, A. J., Clayton, O Brace, A. Philip Campbell, George I. Cavers, C. A. Crozier, Hugh G. (2) Miller, Robt. A. Oke, John J., Oks, Q (3) Pollock, Albert F.
(3) Quincy, J. A.
Shaw, E. J.,
Smith Wm. Arthur, Eagleson, Rd. Elliott, D. D. Avonmore, O Ferguson, Hugh Brussels, O Fraser, Simon L. Frye, A. W. (2) Smythe, Theo. A.
(1) Sykes, U. A.
(2) Suter, R. W.
(3) Watt, R. G. Haughton, Chris. Hill, Harry Hill, W. H. P. (2) Ziegler, J. A. (3)(3) Williamson, A. W. (3) Horsey, Harold I.

B.A.

Leroy, O E., McIntosh, Donald S.,

Trenhelme, N. McL.

St. Andrews East Pleasant Bay, Inverness Co., N.S. Westmount, Montreal

DONALDA DEPARTMENT.

SPECIAL COURSE FOR WOMEN.

Undergraduates.

FIRST YE ...

Name.	School.	Residence.
Armstrong, Catherine,	McGill Normal School,	Bristol, Q
Finley, Kathleen E., Holiday, Annie,	Trafalgar Institute, Montreal Collegiate Institute,	Montreal Rawdon, Q

Hurst, Isabel M.,
Johnson, Helena,
King, Christina C.,
McGoli, J. Winifred,
McGill, J. Winifred,
Parks, Margaret,
Potter, Lucy E.,
Radford, Janet I.
Reid, Lena McK.,
Scrimger, Anna M,
Tighe, Sarah C. W.,

M. G. H. S.,	Montreal
Private Tuition,	Montreal
Sarnia Collegiate Institute,	Sarnia
M. G. H. S.	Montreal
Ottawa Collegiate Institute,	Ottawa, O
Victoria School, Mt. Pleasant, St	. John, N.B
McGill Normal School, New	York, N.Y
M. G. H. S.,	Montreal
M. G. H. S.,	Montreal
Trafalgar Institute.	Montreal
Cote St. Antoine Academy, Westmoun	t, Montreal

Residence.

SECOND YEAR.

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Bourke-Wright, K. M. H., Brooks, Harriet, Cameron, Frances M. T., Carr, Muriel B., Codd, Grace, Cowan, Jean P., Dover, Mary V., Jordan, Florence M., Kneen, Grace A., Nunns Jennie E., Pearson, Katie C., Reid, Elizabeth M., Reynolds, M. Edna, Shaw, A. Louise, Steen, Alice G., Van Vliet, M. Leonie, Walker, Laura F. M.,

School.

University College Aberystwyth, Wales, Ireland Seaforth Collegiate Institute, Sherbrooke, Q Trafalgar Institute, Kingston, O.B., St. John, N.B., Trafalgar Institute, G. H. S., St. John, N.B., Waterloo Academy, McGill Normal School, Waterloo, Q Montreal Private Tuition, M. G. H. S., M. G. H. S., Peterboro, O Montreal Montreal Stanstead Wesleyan College, Coaticooke, Q Montreal M. G. H. S., McGill Normal School, Montreal Queen's University, McGill Normal School, McGill Normal School, Montrea! Montreal Farran's Point, Q Lacolle, Q Stanstead Wesleyan College, Private Tuition, Montreal

THIRD YEAR.

Names.	Residence.	Names.	Residence.
Cameron, Mary T., Doull, Ethel M., Galt, Annie P., Henderson, Grace, Hinds, Charlotte, Holden, Margaret L., McBurney, Edith E., Pinder, Ethel B.,	Montreal Montreal Montreal Actonvale, Q	Reynolds, Florence, Ross, Elizabath, Rugg, M. Alice, Smith, Annie Louise, Stephen, Jennie, Walbridge, Mabel H., Young, Laura A., Charl	Montreal Brucefield, O Stanstead, Q Montreal Ottawa, O Mystic, Q ottetown, P.E.I

FOURTH YEAR.

Botterell, Florence A.,	Montreal	McCuaig, Mary,	Montreal
Brown, Justine M.,	Montreal	Macphail, Jeanette C.,	Orwell, P.E.I
Chalmers, Louise H.,	Granby, Q	Mitchell, Katharine R.,	Montreal
Denoon, Agnes H.,	Montreal	Nichols, Amy W.,	Montreal
Fraser, H. Alice,	Richmond, Q	Pitcher, Winona J.,	Montreal
Hammond, Elizabeth A.,	Montreal	St. James, Leah M., G.	rande Ligne, Q
Hurst, I. Ethel, Westmo	ount, Montreal	Vaudry, M. Olive, Sheffo	rd Mountain, Q
Hutchinson, Margaret,	St. Thomas, O	Watson, Mona T.,	Montreal
	st. Lambert, Q		

Anders
Baynes,
Boyer,
Brodie,
Browne
Buchan
Burns,
Cassils,
Craig,
Edgar,
Evans,
Gault,
Lundie,
McCom
McLach

Mackay Mackay Mackay Mudge,

Act Alle Am (1) Bay Birk (1) Brod

(1) Cas Kell Kra Lam Mac (1) McC

(1) Brov John (2) Kell

(2) Acto (2) Birks Cam Gibb

> Hold L'At

Montreal Montreal Sarnia Montreal ttawa, O ohn, N.B ork, N.Y Montreal Montreal Montreal

esidence.

Ireland
prooke, Q
gston, O
ohn, N.B
sterloo, Q
Montreal
erboro, O
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icooke, Q
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And Andreal
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Montreal

lesidence.

Montreal cefield, O nstead, Q Montreal)ttawa, O Mystic, Q wn, P.E.I.

Montreal
rell, P.E.I
Montreal
Montreal
Montreal
Ligne, Q
ountain, Q
Montreal

Partial Students.

FIRST YEAR.

Anderson, Alice G.,	Ottawa, O	Mulholland, Minnie W.,	Montreal
Baynes, Helen,	Montreal	Murray, Greta, Westmou	nt. Montreal
Boyer, M. Juliet,		Mutchmor, Muriel B.,	Ottawa, O
Brodie, Margaret, St. Henry			Montreal
Browne, A. D. Hay,		Oswald, Bell,	Montreal
Buchanan, Alice A.,	Montreal	Peverley, Evelyn I.,	
Burns, Margt. O.,	Montreal		nt, Montreal
Cassils, Edith M.,	Montreal	Redpath, Helen L.,	Montreal
Craig, Mabel,		Reford, Katie F.,	Montreal
Edgar, Katie,		Reinbardt, Emily M.,	Montreal
Evans, Mary E.,		Reynolds, Elizabeth E. M.,	Montreal
Gault, Lillian,	Montreal	Robertson, J. Mildred,	Montreal
Lundie, Jessie F.,		Robertson, May L ,	Montreal
McCombe, Lily,		Ronald, Katie L.,	Montreal
McLachlan, Win, E.,		Sawyer, F. M. (Mrs.),	Montreal
McLeod, Lottie R.,			Agassiz, B.C
Cote St. Antoine	. Montreal		Montreal
Macfarlane, Ida G.,		Tooke, Mabel L.,	Montreal
Mackay, Jeanie,		Walker, Marion O. E.,	Montreal
Mackay, Katharine,		White, Norah,	Montreal
Mudge, Katharine E.,	Montreal	8.7. 799	

SECOND YEAR.

Acton, Ev. M., Allen, Sarah, Ames, L. Marion,	Montreal	(1) McLachlan, Win. E. Malthy, Emma, (1) Peverley, Evelyn I.	Montreal
(1) Baynes, Helen	Montretti	(1) Redpath, Helen L.	
Birks, Annie L.,	Montreal	Redpath, Lucy M.,	Montreal
(1) Brodie, Margt.		Reekie, Bella, Westmour	t, Montreal
(1) Cassils, Edith M.		(1) Reinhardt, Emily M.	
Kelley, Jean L. (Mrs.),	Montreal	Sinclair, J. (Mrs.),	Montreal
Krause, Louise B.,	Montreal	(1) Tooke, Mabel L.	
Lamb, Maud,	Montreal	Walker, Florence B.,	Montreal
MacCallum, Victoria,	Montreal	(1) Walker, Marion O. E.	
(1) McCombe, Lily		Control of the second	

THIRD YEAR

 (1) Browne, A. D. Hay Johnson, Sybil, (2) Kelley, J. L. (Mrs.) 	Montreal	Raynes, Mary T. V., Westmount, Montrea Raynes, Norah B., Westmount, Montrea
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FOURTH YEAR.

Montreal

Montreal Montreal

(2)	Acton, Ev. M. Birks, Annie L.	(2)	Lamb, Maud
(2)	Birks, Annie L.	(1)	Mackay, Jeanie
` '	Campbell, Katherine, Montre	1 (1)	Mackay, Jeanie Mudge, Katharine E.
	Gibb, Elinor R.,	1,,	Murray (Mrs. J. C.),
	Cote St. Antoine, Montre	ıl	Westmount.
	Gibb. M. B. R.	18	Rodden, Veronica,
	Cote St. Antoine, Montre	ıl	Westmount.
	Holden, Ruby A., Montres	al	Walker, Jennie G.,
	Holden, Ruby A., Montres L'Abbé, Jean A., Beaconsfiel	d	Westmount,
	A CHARLES OF THE STREET, N. O.		asset in the E S Chine of the

B. A.

Angus, Frances R.,	Montreal	Lyman, Katherine T.,	Montreal
Armstrong, Ethel,	Montreal	Macdonald, Minnie L.,	Montreal
Botterell, H. Inez R.,	Montreal	Ogilvy, Isabella,	Montreal
Botterell, Jeannie T.,		Raynes, Ethel G.,	Montreal
Brown, Jessie,	Montreal	Reid, Helen R. Y.,	Montreal
Craig, Margaret,	Montreal	Shaw, S. Louise.	Montreal
Davidson, Clara F. M.,	Frelighsburg, Q	Travis, Katherine,	Hampton, N.B.
Evans, Blanche B.,	Montreal	Wilson, Margaret,	Montreal
Leach, Milda,	Montreal	Para tomostic de la constantina della constantin	1

M. A.

Binmore, Elizabeth,

Montreal

FACULTY OF APPLIED SCIENCE.

FIRST YEAR

Austin, Claude V. C.,	Ottawa, O
*Baby, Charles L.,	Montreal
Biaylock, Selwyn G.,	Danville, Q.
Bowman, Archibald A.,	New Glas-
	gow, N.S
*Bulmer, Horatio E. P.,	Montreal
Burgess, R. Earl,	Wolfville, N.S.
Campbell, Francis W.,	Montreal
Campbell, Norman M.,	Montreal
	Moncton, N.B
Cornwall, Clement A.K.,	Ashcroft, B.C
Corriveau, Raoul de B., Coussirat, Henri A.,	Iberville, Q
Coussirat, Henri A.,	Montreal
*Cox, Alvin J, S	helburne, N.S.
Dargav 1, James S.,	Elgin, O
Davidson, William A.,	Peterboro, O
Denis, Leopold,	Montreal
Donnelly, Austin J.,	Montreal
Fetherstonhaugh, Edward	P., Montreal
Fraser, Charles E.,	Montreal
Fraser, Harold,	Brockville, O
	idgeville, N.S
Gagnon, Louis F.,	Montreal
Gough, Richard T.,	Halifax, N.S.
Grer, Arthur G.,	Montreal
*Haddo, Lord, Haddo Ho	use, Scotland
Hatchette, Joseph C.,	Montre 1
Henderson, Richard A.,	Chilliwack,
	B.C
Hickey, John V.,	Montreal
*Howell, Archibald R.,	Montreal
Hunt, George A.,	Galetta, O
·Huot, Dumont,	Montreal
Hutchinson, William C.,	Montreal
Hyde, George T.,	Montreal
Hyde, James C.,	Montreal
Ingraham, Bruce A.,	Sydney, N.S.
Kane, Roderick A. C.,	Montreal
Kirkpatrick, Stafford F.,	Kingston, O
*Mathers, William R.,	St. John, N.B
*McIntosh, Donald S., B.	
	Bay, N.S
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Montreal
, Montreal Pictou, N.S
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Petrolia, O
Pembroke, O
Peterboro, O
Toronto, O
Hamilton, ()
Toronto, O
Boucherville, Q
St. John, N.B
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Alberton, P.E.I.
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Dunham, Q
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C., Lachine, Q
British Columbia
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B., Montreal
Eartonville, O
Ayton, O
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Newfoundland
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Hamilton, O
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Renfrew, O
Montreal

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Cape, F
Colson,
Davidso
Davis, A
Dean, B
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Ewan, I
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Gisborn
Hillary,
(rving,

Kennedy

Balfour, Beatty, I Bell, Joh Blair, Da Bovey, E

Burnham Campbel Chambel Connal, Davidsor Dougall, Drinkwa Drysdale Edward, Fergusor Finnie, O *Hall, Jo Haycock, Macbean Macdona

Macdonal Mackie, J

Bayfield,

*Bruce, R Chase, Ha Clarke, E Courtice,

SECOND YEAR.

Archibald, Harry P., Antigonish, N.S. Ainley, Charles M., Almonte, O. / tkinson, Donald C. T., Etchemie Q. Atkinson, William J., Glenboro, Man. Bachand, George, Montreal Bacon, Frederick T. H., Montreal Montreal Montreal Montreal Montreal Montreal Montreal Bell, Richard A. S., Mosgrove, O D'Aillebout, Q ton, N.B Benny, Walter W., Bond, Frank L. C., Montreal Montreal Butler, Percy, Cape, Edmond, Montreal Hamilton, O Colson, Charles H., Montreal Montreal Davidson, J. Herbert, Montreal Davis, Angus W., Dean, Bertram D., Eaves, Edmund, Ewan, Herbert M., Montreal Hamilton, O Montreal Montreal Garrett, George W. S.,

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nfrew, O Montreal Gisborne, Lionel L., Hillary, George M., Irving, Thomas T., Kennedy, Lindsay R.,

Laurie, Albert, Montreal MacKerras, John D., MacLean, Thomas A., Kingston, O Charlottetown, P.E.I. MacLennan, Frank W., Cornwall, O Orweli, P.E.I. Macphail, William M., Matneson, Ernest H., Oyster Bed Bridge, P.E.I. McCarthy, George A., McLea, Ernest H., McRae, John B., Mitchell, Norman C., Mitchell, Norman S., Patton, W. H., Reaves, Campbell, Scott, Jomes H. Moncton, N.B. Montreal Ottawa, O Halifax, N.S Montrea! Huntingdon, Q Montreal Scott, James H., Sheffield, Charles, Summa, Vito M., Thomas, Leonard E. L., Outremont, Q Kingston, O igliane, Italy Melbourne, Q Brantford, O Waterous, Charles A., Wilkinson, Charles T., Brockville, O Young, George A., Kingston, O

THIRD YEAR.

Ottawa, O

Ottawa, U

Whitby, O

Vernon River

Bridge, P E I.

Pembroke, O

Balfour, Reginald H., Beatty, David H., Bell, John W., Montreal Sarnia, O Montreal Blair, David E. Chicoutimi. Q. Bovey, Edward P., Torquay, Devon, Eng Peterboro, O Burnham, Harold B., Campbell, Alexander, Ottawa, O Chamberlain, William T., Halifax, N.S Connal, William F., Peterboro, O Davidson, Shirley, Dougall, Ralph, Montreal Montreal Drinkwater, Charles G., Montreal Drysdale, George A., Boston, Mass., U.S Edward, John R., Outremont, Q Outremont, Q Peterboro, O Ferguson, Thomas, Finnie, Oswald S., *Hall, John H., Ottawa, O Peterboro, O Haycock, Richard L., Macbean, Stanley L., Ottawa, O Montreal Macdonald, James E., New Glasgow, West Bay, N.S. Macdonald, Peter W.,

Mackie, James D., Kingston Station, O

MacKinnon, George D., Charlottetown, Uigg, P.E.I. Macleod, George R, McKibbin, Fred. W. J., McLaren, Duncan T., Newcombe, Avard B., Peterboro, O Montreal Lakeville, N.S Packard, Frank L., Paradis, Paul, Pitcher, Norman C., Ross, John K., Sise, Charles F., Montreal St. Johns, Q Montreal Montreal Montreal Simpson, J. Manly, Stratford, O Stovel, Russell W., Suter, Robert W., Toronto, O Carleton Place, O Symmes, Howard C., Aylmer, Q Thompson, Frederick W., Coaticook, Q Thomson, Clarence, tontreal Thomson, Henry N., Quebec, Q Quebec, Q Travis, Berton C., Turnbull, John M., Walters, Morley, White, Frank H., Montreal Hull, Q Montreal Yorston, Louis, Pictou, N.S.

FOURTH YEAR.

P.E.I.

Bayfield, Henry A., Charlottetown, *Bruce, R. Randolph, Chase, Harry A., Clarke, Ernest R., Montreal Kentville, N.S Stratford, O Port Perry, O Courtice, Francis E.,

Denis, Theophile, Montreal Gill, James L. W., Little York, P.E.I.
Green, Joseph S. R.,
Hare, George G.,
Huestis, Harry E.,
Halifax. N.S.

Hunter, John W., Kingston,	
Jaquays, Homer M., B.A., Montre	
Johnson, William S., Clapham,	Q
Kenny, Thomas F., Ottawa,	O
Killaly, Hamilton M., B.A., Morr	is-
burg.	
McCallum, Arthur, Maxwell,	
McDougall, William, Ormstown,	0
Mussen, Horace W., Aurora,	
Reinhardt, Carl, Montre	al

Montreal
Montreal
Kingston, O
Petrolia, O
Renfrew, O

GRADUATES.

Angus, Willian	F., B.A.Sc.,	Montreal
Askwith, Wm.	R., B.A.Sc.,	Montreal
Barnes, Howard		Montreal
Cunningham,	William N.,	B.A.Sc.,
	Today a	Montreal

Currie, William, B.A.Sc., Montreal Farmer, John T., Liverpool, Eng. King, Robert O., B.A.Sc., Toronto, O Mellanby, Alexander L., West Hartlepool, Eng.

FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

FIRST YEAR.

Bell, W. L.
Burke, R. H., Cleaves, A. H.,
Cleaves, A. H.,
Cook, -

Fahey, J.,
Henderson, C. M.,
Lambert, G. H.,
Paquin, L. A.,

Pfersick, J. G. Spanton, J. P. Symes, J. W., Wallis, W. B.,

SECOND YEAR.

Brun	eau, A. E.,
Burns	s, W.,
Conn	elly, T., en, D. P.,
Fras	er, A. D.,
Hillia	ard, W. A.,

Montreal
Duluth, Minn.
Troy, N.Y.
Swampscott, Mass.
Minnedosa, Man.

Killam, B. B.,	Rockville, N.S.
Matthew, R. G.,	Sawyerville, Q.
Moore, J. C.,	St. Chrysostome, Q.
Stevenson, G. T.,	South Granby
Thayer, W. L.,	Greenfield, Mass

THIRD YEAR.

Baldwin, B. K., Craik, J. E.,	
Dell, H. H., Greer, J.,	
Higgins, C. H., Kee, F. W.,	
Macnider, S.,	

Philadelphia
Allan's Corners
London, O.
Ormstown, Q.
Dover, Mass.
Ormstown, Q.
Little Metis, Q.

McCarry, J	. J.,
Morris, E. I	H.,
Ness, J. A.	,
Patterson,	J. H.,
Richards, &	S. C.,
Thurston, I	E. C.,

Montreal Mexico, Mo. Howick, Q. Montreal Wales Montreal

COLLEGES AFFILIATED IN ARTS.

MORRIN COLLEGE, QUEBEC.

Undergraduates.

FIRST YEAR.

Brown, Edmond Lock	ĸe
Jackson, Emma M.,	
Johnston, Alfred,	
Laverie, James H.,	

Quel	100
Queb	ec
Leeds,	-
Lauson,	Q.

Lee, Gertrude A., Pocock, Chas. Ed. A., Seifert, Fred. Wm., Wheeler, James,

Quebec Hillhurst, Q. Quebec Runnymede, Q. Meikle Pidge Reid,

Hunte Tanne Walter

Cairni Crack, Lyster McMic

Hovey, Howde Jones,

Studen

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McGill

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Montreal exico, Mo. lowick, Q. Montreal Wales Montreal

Quebec lhurst, Q. Quebec ymede, Q.

SECOND YEAR.

Meiklejohn, Harriet T., Quebec Pidgeon, E. Leslie, New Richmond, Q. Reid, Andrew D., Quebec	Seifert, Ethel M., Stuart, James A.,	Quebec Montreal
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Partial Students.

Hunter, Helen. Quebe Tanner, Wm. Pat., Brompton Falls, C Walters, Albert Ernest., Quebe		Quebec Quebec
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ST. FRANCIS COLLEGE. RICHMOND.

Undergraduates.

Cairnie, Lorne D., Crack, Isaac E., Lyster, Ashley, McMichael, Robert,	Melbourne, Q. Kingsbury, Q. Richmond, Q. Windsor Mills, Q.	Pennoyer, Chas. H., Rivard, Alfred E., Wilkins, Henrietta,	Waterville, Q Ware, Mass Melbourne, Q
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STANSTEAD WESLEYAN COLLEGE.

Undergraduates.

McDuffee, Hattie, Rugg, Fred., Stanstead Stanstead

1294

Way's Mills Montreal

Hovey, Earle F., Howden, Jeanie C.,

Jones, Sa	amuel,	Stanstead			
		SUMMAR	Y.		
Students	in Law, Mo in Medicine in Arts:—	Gill College			43 412
• Tanio	Men	Graduates Undergraduates Partial		$\begin{bmatrix} 3 \\ 145 \\ 102 \end{bmatrix}$	395
To the	TO THE PERSON OF	Graduates Undergraduates Partial		18 63 64	1 316 2 369 2 369
Students	s in Arts, Mo	cluding Students from o			18
"	" " St	. Francis College			7
"	" " St	anstead Weslevan Colle	ge		5
"	" Applied	Science, McGill College	:	• • • • • • • • • • • • • • • • • • • •	No. of Lot
		Undergraduates, Partial and Graduate			205
"	" Veterin	ary Science			41
	Part Vol. 286			stegiani -	1126
McGill 1	Normal Scho	ool, Teachers-in-training			168

Deduct, repeated in different lists.....

Observatory,

7 atitude, N. 45° 30′ 17″. Longitude, 4h, 54m, 18s, 65.

Height above sea level 187 ft.

Superintendent-C. H. McLEOD, MA.E.

Assistants - THEO. DENIS, B.A.Sc. GEORGE McLEOD.

Meteorological Observations are made every fourth hour, beginning 3h om Eastern standard time; also at 8h om and 20h om. Independent bi-hourly temperature observations are also made. The principal instruments employed are the following:—Two standard mercurial barometers; one Kew standard thermometer; two Pastorelli thermometers; one maximum thermometer; one minimum thermometer; one set of six self recording thermometers, with controlling clock, battery, etc.; two anemometers; one wind vane (wind-mill pattern); one anemograph, with battery, etc.; one sunshine recorder; one rain-band spectroscope; and one rain gauge.

The Anemometer and Vane are on the summit of Mount Royal, at a point about three-quarters of a mile northwest of the Observatory. They are 57 feet above the surface of the ground and 810 feet above sea level.

Soil temperatures are observed, in co-operation with the Physical Laboratory, by means of platinum thermometers at depths ranging from one inch to nine feet.

The Astronomical Equipment consists of:—The Blackman Telescope (61/4 in.); a photoheliograph (41/2 in.); a 31/4 in. transit, with striding level, etc.; a prismatic (8 c. m.) transit instrument also arranged as a zenith telescope, a 2 intransit in the prime vertical; two collimating telescopes; one sidereal clock; one meantime clock; one sidereal chronometer; one meantime chronometer; one chronograph; batteries, telegraph lines and sundry minor instruments.

Observations for clock errors are made on nearly every clear night. Time exchanges are regularly made with the Toronto Observatory. Time signals are distributed throughout the city by means of the noon time-ball, continuous clock signals, and the fire alarm bells; and to the country, through the telegraph lines.

Observations of sun spots, for position and area, are made with the Blackman telescope and the photoheliograph.

The longitude of the Observatory was determined in 1892 by direct telegraphic connection with Greenwich and with exchange of observers and instruments. The position is believed to be the most accurately determined in America.

Courses of instruction are given in the use of the meteorological instruments see page 23, and in astronomical work to the Fourth Year Students in the Civil Engineering Courses, see page 87.

Medic

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Classes i

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Aniversity Cymnasium.

Medical Examiner and Instructor .- R. TAIT MCKENZIE, B.A., M.D.

The classes, which are open to Students of all the Faculties, will meet at the University Gymnasium, at hours to suit, as far as possible, the convenience of Students, and which will be announced at the commencement of the Session.

The recent addition of some special apparatus enables the instructor to devote some attention to the application of exercise in treating special cases of weakness or deformity, which it is requested shall be reported to him before the regular class work is undertaken.

THE WICKSTEED SILVER AND BRONZE MEDALS FOR PHYSICAL CULTURE (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.

The award of these medals is made by Judges, appointed by the Corporation of the University.

Every competitor for the silver medal is required to lodge with the Judges, before the examination, a certificate of good standing in the graduating class signed by the Dean or Secretary of the Faculty to which he belongs, and th medal will not be awarded to any Student who may fail in his examination for the degree.

Classes for the Students of the DONALDA SPECIAL COURSE FOR WOMEN will be conducted by MISS BARNJUM at hours found most suitable.

REGULATIONS

CONCERNING THE MANAGEMENT OF

THE COLLEGE GROUNDS AND ATHLETICS.

All matters relating to the management of the College grounds and of Out Door 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.

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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 several Members of the Committee are elected annually by their respective bodies; and the Committee meets for organization on the first Saturday of February in each year. The Undergraduate Members of the Committee are entitled to vote only on matters relating to Athletics.

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 Sunday.

The Sherbrooke Street gates shall be closed between 10 p.m. and 6 a.m.

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.

All Undergraduates of the University are required to pay a fee of two dollars (\$2.00) for the use of the Grounds. The amount so paid is handed over to the Committee, and is by it expended in the interest of College Athletics and in the permanent improvement of the Grounds.

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M.A., H Holden, Non-K ward H. Toronto

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Aniversity Societies.

McGILL STUDENTS' CLUB.

The house No. 73 McGill College Avenue is now open as a Students' club, under the management of a Committee consisting of members of the University. Board can be obtained at the rate of \$12.50 a month or \$3.00 a week. A limited number of rooms are available for residence. For further information apply to Frofessor D. P. Penhallow, Secretary of Committee.

UNIVERSITY LITERARY SOCIETY.

ESTABLISHED 1869.

GRADUATES' SOCIETY OF McGILL UNIVERSITY.

INCORPORATED 24TH JULY, 1880.

Officers 1896-97.

President-Frederick G. Finley, M.B. (London), M.R.C.S.

Vice-Presidents-Miss Carrie M. Derick, M.A.; Miss H. Inez R. Botterell, B.A.; Prof. Frank D. Adems, Ph.D. (Heidelburg).

Secretary—H. V. Truell, B.A., B.C.L., 185 St. James St., Montreal. Treasurer—Francis Topp, B.A., B.C.L.

Resident Councillors—Malcolm C. Baker, D.V.S.; Frederick W. Hibbard, M.A., B.C.L.; David J. Evans, M.D.; H. B. Carmichael, M.D.; A. B. Holden, B.A., B.A.Sc.; Archibald McArthur, B.A.

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OTTAWA VALLEY GRADUATES' SOCIETY.

ORGANIZED 1890.

Honorary President-Henry P. Wright, M.D., C.M., M. and L.R.C.P., etc.

President-Robert Cassels, B.A., Q.C.

1st Vice-President-Robert H. Conroy, B.C.L. (Aylmer).

2nd Vice-President-S. P. Cooke, M.D., C.M.

3rd Vice-President-W. F. Ferrier, B.A.Sc., F.G.S.

Treasurer-R. W. Ells, M.A., LL.D., (Geol. Survey office, Ottawa).

Secretary-Alfred E. Barlow, M.A. (Geol. Survey).

Committee—G. H. Groves, M.D., C.M. (Carp, Ont.); Henry M. Ami, M.A., F.G.S.; Wm. C. Cousens, M.D., C.M.; C. J. H. Chipman, B.A., M.D., C.M.; Robert Bell, B.A.Sc., M.D., C.M., LL.D. (Queen's).

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APPLIED SCIENCE GRADUATES' SOCIETY.

ORGANIZED 1895.

Hon. President-Dr. H. T. Bovey.

President-Prof. C. H. McLeod.

Vice-President-M. L. Hersey.

Sec .- Treasurer-C. B. Smith, Ma.E., Assistant-Professor.

Resident Committee-D. Ogilvy, H. Herdt, W. A. Duff, S. F. Rutherford, H. T. Barnes.

Non-Resident Committee—W. Chipman, Toronto; Dr. R. Bell, Ottawa; St. G. Boswell, Quebec; J. H. Scammel, St. John, N.B.; P. L. Naismith, Glace Bay, N.S.; W. J. Bulman, Charlottetown, P.E.I.; D. A. Stewart, Winnipeg; W. A. Carlyle, Victoria, B.C.; E. P. Mathewson, Pueblo, Col.; J. P. Ball, Lemont, Ill.; R. A. Gunn, New York; A. E. Childs, Boston.

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ORGANIZED 1895.

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Vice-Presidents-Wolfred D. E. Nelson, M.D.; James A. Meek, M.D.; Wm. de Courcy Harnett, B.C.L.

Secretary-W. Ferguson, M.D., 1131 Linton Ave, New York.

Treasurer-Hiram N. Vineberg, M.D.

Committee—Geo. C. Becket, M.D.; Rev. Charles Bancroft, M.A.; James A. Stevenson, B.A.Sc.

McGILL GRADUATES' SOCIETY OF TORONTO.

ORGANIZED 1896.

Hon. President-E. A. Meredith, LL.D.

President-J. J. MacLaren, Q.C., LL.D.

1st Vice-President-H. A. Burritt, M.D.

2nd Vice-President-A. R. Lewis, B.A., Q.C.

Szcretary-R. B. Henderson, B.A., 24 Adelaide street East.

Treasurer-A. H. U. Colquhoun, B.A.

Executive Committee—J. Algernon Temple, M.D.; C. Swabey, B.A.; P. E. Ritchie, B.A.; Rev. Canon Sweeney, D.D.; George Pringle, M.D.; Frank Pedley, B.A.

THE E

Vice-Pa Hill, B.A Rev. J. H

Executi E. C. Ma Robertson minster),

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THE BRITISH COLUMBIAN SOCIETY OF GRADUATES OF McGILL UNIVERSITY.

ORGANIZED 1896.

Hon. President—J. W. Powell, M.D., C.M., (Victoria).

President—S. J. Tunstall, B.A., M.D., C.M., (Vancouver).

Vice-Presidents—E. B. C. Hannington, M.D., C.M. (Victoria); Arthur E.

Hill, B.A.Sc. (New Westminister); Walter Hunter, B.A., B.C.L. (Nanaimo);

Rev. J. H. McVicar, B.A. (Nelson).

Secretary-W. J. McGuigan, M.D., C.M. (Vancouver).

Treasurer—Wm. A. DeWolff Smith, M.D., C.M. (New Westminster).

Executive Committee—R. S. B. O'Brien, M.D., C.M. (Nanaimo); Rev. H.

E. C. Mason, B.A. (Vancouver); W. A. Carlyle, Ma.E. (Victoria); A. M.

Robertson, M.D., C.M. (Vancouver); G. W. Boggs, M.D., C.M. (New Westminster), and the officers of the Society ex-officio.

McGILL GRADUATES' SOCIETY OF NEW BRUNSWICK.

ORGANIZED 1896.

President—G. M. Duncan, M.D.

1st Vice-President—W. W. White, B.A., M.D.

2nd Vice-President—F. J. White, M.D., L.R.C.P. (London).

3rd Vice-President—W. C. Crockett, M.D.

Treasurer—F. L. Kenney, B.A. (Univ. N.B.), M.D.

Secretary—J. H. Scammell, M.D., 76 Waterloo Street, St. John, N.B.

NOVA SCOTIA SOCIETY OF McGILL GRADUATES.

ORGANIZED 1896.

President pro tem.—Rev. R. Laing, M.A., Pres. Halifax Ladies' College. Secretary pro tem.—W. H. Hattie, M.D., 11 Spring Garden Road, Halifax.

UNDERGRADUATES' LITERARY SOCIETY.

CONSTITUTED 1880.

OFFICERS FOR 1895-6.

President—V. E. Mitchell, Law, '96.

1st Vice-President—J. S. R. Green, App. Sc., '96.

2nd Vice-President—Wm. S. Ferguson, Arts, '96.

Secretary.—John J. Willis, Arts, '97.

Treasurer—S. G. Archibald, Arts, '97.

Committee—J. T. Scrimger, Arts, '96; A. R. McMaster, Arts, '97; John G. Saxe, Arts, '97; E. E. Howard, B.A., Law, '98; A. H. Duff, Arts, '98.

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DELTA SIGMA SOCIETY.

ESTABLISHED 1884.

OFFICERS FOR 1895-96.

President—Agnes H. Denoon. Vice-Fresident—Marjorie Holden.

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Sec.-Treasurer-Harriet Brooks.

Assistant-Secretary-Kathleen Finley.

Committee .- Misses Botterell, Codd and Armstrong.

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.

OFFICERS FOR 1896.

Hon, President—Sir Wm. Dawson.

President—E. M. Campbell, Arts, '97.

1st Vice President—H. P. Archibald, App. Sc., '98.

2nd Vice-President—C. Ogilvy, B.A., Med., '98.

Rec.-Secretary—R. H. Rogers, B.A., Law, '98, App. Sc. '99.

Treasurer—R. C. Paterson, Arts, '98.

Asst.-Treasurer—A. H. Gordon, Med., '99.

Representative from Comparative Medicine—R. G. Mathew, '97.

General Secretary—N. D. Keith, B.A., 844 Sherbrooke St.

CHAIRMEN OF COMMITTEES.

Religious Meeting—H. P. Stockwell, Med., '98.

Bible Study—A. R. Ross, Arts, '97.

Social—Chas. Ogilvy, B.A., Med., '98.

Membership—M. C. Heine, Arts, '98.

Musical—H. N. Thomson, App. Sc., '97.

Missionary—A. H. Grace, Arts, '98.

Finance—R. C. Paterson, Arts, '98.

Hand-book—N. D. Keith, B.A., Gen. Sec'y.

Building—E. M. Campbell, Arts, '97.

Graduate—W. F. Hamilton, M.D.

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YOU'NG WOMEN'S CHRISTIAN ASSOCIATION.

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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 1896-97.

President—Elizabeth Ross.
Vice-President—A. Louise Shaw.
Cor.-Secretary—Edith E. McBurney.
Rec.-Secretary—Catherine Armstrong.
Treasurer—Christina King.

CONVENERS OF COMMITTEES.

Devotional—A. Louise Shaw.
Theodora—Grace Henderson.
Membership—A. Louise Smith.
Relief—Jennie Stephen.

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 1895-6.

Hon. President—A. J. Eaton, M.A., Ph.D. (Leipsic).

President—W. S. Ferguson, '96.

1st Vice-President—J. G. Saxe, '97.

2nd Vice-President—Campbell P. Howard, '97.

Secretary—D. W. Munn, '98.

Treasurer—R. H. Ker, '97.

Reporter—T. R. Macmillan, '97.

Executive Committee—E. E. Howard, B.A., Law, '98; J. T. Scrimger, '96, M. C. Heine, '98.

McGILL UNIVERSITY ATHLETIC ASSOCIATION.

ESTABLISHED 1884.

OFFICERS FOR 1896-97.

Hon. President—Principal Peterson.

Hon. Treasurer—R. F. Ruttan, B.A., M.D.

President—N. Grace, Med., '98.

Vice-President—E. H. McLea, App. Sc., '98.

Secretary—F. W. Maclennan, App. Sc., '98.

Treasurer—W. Lynch, Med., '98.

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McGILL UNIVERSITY RUGBY CLUB.

Hon. President—Principal Peterson.

Hon. Treasurer—N. D. Gunn, M.D.

President—L. E. W. Irving, Med., '98.

Vice-President—Chas. Graham Drinkwater, App. Sc., '97.

Hon. Secretary—Campbell P. Howard, Arts, '97.

Treasurer—N. Grace, Med., '98.

Captain 1st XV—H. J. Schwartz, Med. '98.

Captain 2nd XV—Shirley Davidson, App. Sc., '97.

Captain 3rd XV—H. T. Burton, Arts, '99.

Committee—Faculty of Law: Geo. H. Montgomery, '97; C. J. Hickson, '98. Faculty of Medicine: D. A. Whitton, '98; Jos. Leveque, '99. Faculty of Arts: A. R. McMaster, '97; W. W. Skinner, '99. Faculty of App. Sc., Ernest McLea, '98; Wm. Moore, '99. Faculty of Comp. Med.: J. C. Moore, '97; G. T. Stevenson, '97.

McGILL LAWN TENNIS CLUB.

President—Prof. H. L. Callendar.

Vice-President—Campbell P. Howard, Arts, '97.

Treasurer—E. A. Grafton, M.D.

Secretary—J. Arthur Fairie, Med., '98.

Committee—Arts: S. Archibald, '97. Applied Science: P. Butler, '98. Medicine: J. L. Todd, '98. Law: J. R. Kennedy, '98. Graduates, Prof. C. B. Smith.

McGILL UNIVERSITY GLEE AND BANJO CLUB.

OFFICERS FOR 1896-97.

Hon. President—J. C. Cameron, M.D.
President—C. F. Morrison, Med., '97.
Vice-President—F. W. Wilson, Med., '97.
Secretary—J. Arthur Fairie, Med., '98.
Leader of Glee Club—P. T. Moore, Arts, '98.
Asst.-Leader of Glee Club—M. Burke, Arts, '99.
Leader of Banjo Club—Warren Lynch, Med. '98.
Business Manager—J. H. Larmonth, B.A.Sc.
Asst.-Business Manager—G. Hillary, App. Sc., '98.

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Donations to the University Library.

APRIL 23, 1895, TO APRIL 18, 1896.

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Butler, '98. es, Prof. C.

LUB.

Academy of Natural Science,	vols.		OLS.
Philadelphia		Columbia College, New York	
Philadelphia	I	City	2
Adams, F. D., Ph.D	. 3	Copp, Clark Co	1
Alcock, A. F	26	Cornell University	1
Aldrich, Hon. N. W	7	Coussirat, Rev. D., and others	86
American Academy of Arts	I	Crittenden, J. P	I
American Academy of Arts and		Crosskill, Hon. II	3
Sciences	4	Dalhousie College and Univer-	
American Institute of Mining		sity	1
Engineers	5	Darey, P. J., LL.D	5
American Society of Civil En-		Dartmouth College	2
gineers,	11	Dawson, Sir J.W	24
American Society Mechanical		Dewey, Melvil	ī
Engineers	4	Dominion Government	22
American Therapeutic Associa-	7	Dougall, Miss L	6
tion	2	Donglas Miss	A
	3	Douglas, Miss	I
Amherst College	1	Drummond, G. E	2
Anonymous Donors	13	Dundee University College	I
Auckland University College	I	Durham College of Science	1
Avery, Mr. and Mrs. S. P., and		Durham University	1
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Barnett, J.D., Stratford	22	Egleston, Prof., Columbia Col-	
Binmore, Miss	2	lege	7
Bishop's College, Lennoxville.	2	Evans, Walter N	3
Blackwood, Miss	ī	Fairbairn, Miss H	1
Botterell, E. H	6	Fleet, C. J	I
Bovey, Henry T., LL.D		Frederiks Universitet, Chris	
	1	tiania	I
Brazil, Inst. Agronomico	I	Geological Society of America.	3
Bristol University College	I	Geological Society, New Jersey	2
British Association for Ad-		Geological Survey of Canada	I
vancement of Science	1	Glasgow University	ī
British Museum Trustees	59	Gosnell, R. E., Victoria, B. C.	i.
Brown University	I	Graduates' Society	58
Brownell Car Co	1	Hadrill, G., Sec. Montreal	50
Brownlow, E. B., Friends of		Board of Trade	-
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Lennan	99	Harrington, B.J., Ph.D	3
	tech on black	Hartford Theological Seminary	2
Brush, G. R	13	Harvard Law School	I
Bryn Mawr College		Harvard University	3
Burgess, T.J.W., M.D	3	Henderson, Miss G	I
California University	2	Ingres, Maxime	2
Carnegie Steel Co	1	Institute Civil Engineers, Lon-	
Ceylon Government	1	don	6
Chadenat, C., Paris	1	Institute Engineers and Ship-	
Colby, C. W., Ph. D	1	builders, Scotland	1

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Institute Mechanical Engineers,		Nova Scotia Superintendent of	
London	7	Education	1
Iowa State University	I	Oliver, C.A., M. D	1
Ives, H. R	1	Ontario Department of Agri-	
Johns Hopkins University	3	culture	5
Johnson, George, Dept. of		Ontario Gove ment	2
Agriculture, Canada	1	Osler, William, M. D	I
Kerallain, Mons. R. de, Quim-		Owen's College, Manchester	I
per, France	1	Parliamentary Library, Ottawa	12
King's College, London	2 I	Penhallow, D.P	5
King's College, Windsor		Pennsylvania University Perkins Institute	i
Lafleur, Paul	2	Peterson, William, LL.D	8
Lawes, Sir J. B., Rothamsted, Herts	1	(de) Peyster, General, J.W	1
Leland Stanford Junior Univer		Plow, William	1
sity	1	Pope, J	1
Lick Observatory	1	Princeton College	2
Lighthall, W.D	5	Prowse, Hon. D. W., Q.C	1
London University	2	Punjab University	. 1
Macdonald, W.C	25	Queen's College, Galway	1
Macdonnell, Mrs. R	I	Queen's College, Kingston	1
Mackay, Estate of late Captain		Quebec Provincial Government	9
Н. В	2	Quebec Superintendent of Edu-	
Mackay, Miss	4	cation	2
Mackay, Miss May	2	Redpath, Mrs. Peter	154
Manitoba Queen's Printer	2	Rice, William, London	I
Manitoba University	2	Rochester University	1
Mason College, Birmingham	2	Royal Colonial Institute	1
Massachusetts, Railroad Com-		Royal Society of Canada	1
missioners	1	Royal Society of London	21
McGill College Book Club	194	Royal University of Ireland	ı
McLennan, Francis	68	Rusk, J. M., Sec. U. S. Dept:	
Medical Faculty	8	Arric	1
Melbourne University	I	Salem Public Library	I
Mendelssohn Choir, Members		Secretary's Office (McGill Uni-	
of the	14	versity)	5
Ministère des Travaux Publics,		Secretary of State, per Wm.	N
Paris	I	Rice, London	2
Mofiatt, Miss	I	Siam, H. M. the King of	39
Molson, J.H.R	727	Smith College	1
Montreal Board of Trade	1	Smith, Sir Donald A	31
Mott, Henry	4	South Wales and Monmouth-	
National Academy of Sciences,		shire University College	1
Washington	I	St. Andrews University	ŀ
National Electric Light Asso-	100	Stanley, W. F	I
ciation	2	Stock, Elliot, London	1
Natural History Society, Mont-		Sydney University, Sydney,	
real	I	N.S.W	1
New Brunswick Regiment,		Thwaites, R.G., Madison, Wis.	23
Canadian Artillery	1	Toronto Department of Educa-	
New Brunswick University	I	Tananta Public Library	
New York Academy of Science	I	Toronto Public Library	5
New York State Library	I	Toronto University	5
Nichol, Dr. W.G	12	Trelease, W., Director Missouri	diam'r.
Norwich Free Academy	1	Botanical Gardens	1
Nova Scotia Historical Society	2	Trinity College, Toronto	3

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	Tulane University, Louisiana	I	Graham, 2 manuscripts;	
	Tupper, Hon. Sir Charles	. 2	Richard White, I manu-	
1	University College, Wales	2	script; W. G. G. Cole, 2	
	Unknow Source	18	photographs	15
5	. U. S. Army Engineering Dept.	6	J. R. Dougall, The Daily Wit-	
5 2	U. S. Bureau of Education	5	ness for 1895	
1	U. S. Coast and Goedetic Sur-		Hon, the Commissioner of	
1	vey	11	Patents, Patent Office Re-	
12	U. S. Fish Commission	4	ports, unbd.	
	U. S. Geological Survey	12	American Society of Civil En-	
Ī	U. S. Interior Department	8	gineers	3
1	U. S. National Museum	2	American Society of Mechani-	3
5 1 1 8	Vassar College	2	cal Engineers	1
1	Vermont University	1	Bovey, H. T., LL.D	1
	Victoria University, Toronto	2	Engineers' Club of Philadelphia	
1	Webster I C		Garth, Henry W	3
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2	Wellesley College	2	Graduates' Society	-
1	Wickstead, G.W	I	Institution of Civil Engineers,	
. 1	Wintle, H. C	2	London	I
1	Worcester Polytechnic Institute	I	Institution of Mechanical En-	
1	Yale University	2	gineers, London	2
9	Yorkshire College	2	McCuaig, Mrs. M., Political	
	Presented by Royal Society of		Broadsides, 1837 & 1838	7
2	London, I chart; Dr. Har-	000	Ministère des Travaux Publics,	
154	rington, I broadside; Hon.		Paris	1
I	J. S. Hall, 2 maps; Francis		National Electric Light Asso-	
1	McLennan, 2 maps; R. E.		ciation, New York	1
1	Gosnell, 2 maps; Hon. E. J.		Society of Engineers	I
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APRIL, 1995, TO APRIL, 1896.

Bailey, Mr. C. F. D., mounted skeleton of parrot.
Baker, Walter & Co., Boston, through Mr. A. S. Wheeler, series of specimens illustrating the cocoa plant and its products.
Boyd, Miss Daisy, specimens of Eupleciella and Lamellibranch from the Phillipine Islands.
Bremner, Mr. C. P., Skull of Porpoise, St. Lawrence.
Brodie, Alex., B.A. Sc., Graptolites from Levis.
Brown, Mr. Geo. S., specimen of Ostrea gigantea from Prince Edward Island.
Buchan, Mr. J. S., Lava and other specimen from Italy.
Chambers, Mr. E. T., specimen of Ostrea from he Pleistocene, Beauport, Que.
Chase & Sanborn, collection of coffees.
Cushing, H.B., B.A., mounted specimens of Canadian grasses and sedges.
Dawson, Dr. G. M., Ottawa, about fifty specimens of minerals and rocks, principally large specimens.
Dawson, Sir J. W., slabs with reptilian foot-prints, S. Joggins, Nova Scotia.
Dawson, Sir J. W., F.R.S., fossil plants, footprints and slab of Naiadites, etc., from the coal formation, South Joggins.
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Dawson, Master Owen, Ottawa, specimen of Claveria from Little Metis.

Evans, N. Norton, M.A. Sc. specimen of cylindrite from Bolivia.

Ferrier, W. F., B.A.Sc., Ottawa, specimen of mendipite, from the Mendip Hills, England.

Francis, Mr. Bernard, North Sydney, C.B., six specimens of fossil plants from Sydney mine.

Gairdner, Miss Helen, Alaskan plants.

Geological Survey, Ottawa, per W. F. Ferrier, B.A.Sc., two specimens of bismuthinite from Tudor, Hastings Co., Ont. Geological Survey, Ottawa, per Dr. R. W. Ells, two large groups of mica

crystals from the Haycock Mine, Hull, P.Q

Geological Survey, Ottawa, per A. E. Barlow, M.A., fourteen specimens of ores from the Sudbury district, and six specimens of rocks from miscellaneous localities.

Griffin, Mr. Alfred, specimen of a parsnip, showing remarkable growth. Herzer, Rev. H. Berea, Ohio, two specimens of Psaronius (Winchellia) fascina,

coal formation. Higbie, Prof. Alfred, A. M., College Park, California, specimen of Stalagmitic Incrustation of a box in the Overman Silver Mining Company's shaft, Gold

Hill, Nevada. Hillary, Mr. G. M., Whitby, Ont., specimen of marl and freshwater shells.

Julien, Mr. Louis, additional specimens from the caves of Mentone.

Lefroy, O.E., B.A., St. Andrews, Que., specimen of Triton with divided tail. Le Rossignol, J. E., B.A., Manganese ore from Germany, selenite from Colorado. Matthew, Mr. R. G., specimen of blaze on a tree.

McLennan, Francis, B.C.L., Marine Algæ from the New England coast.

McLennan, Francis, B.C.L., second collection of Marine Algæ from the New England coast.

Molson, Mrs., Belmont Hall, mummy box, emblematic stone, tablet and emblematic fingers; also two ushebtis, all from Egypt.

Monckton, Mr. G. F., Vancouver, B.C., collection of Tertiary plants from Burrard Inlet, B.C.

Mott, Mr. H., specimen of marble from Napoleon column, Boulogne, France.

Müeller, Baron Von, Australia, collection of Australian plants.

Müeller, Baron Von, Australia, second collection of Australian plants. Nelson, Dr. Wolfred, New York, tooth of mastodon, from Dearborn, Indiana. Nelson, Dr. Wolfred, New York, iron ore and manufactured iron, Cedartown, Alabama; also concretion from Yorkville, Texas.

Norris, Mr. Arthur E., specimen of serpentine from Essex Co., New York. Patterson, Mr. W. F., Conularia trentonensis, Mile End quarries, Montreal. Robertson, Rev. H. A., Erromanga, stone collar, necklaces, dresses, spears, shells and beans from Erromanga, New Hebrides.

Roddick, Prof. T. G., mummy of a lady, from an Egyptian tomb in Hawara el Mucktaa, Fayoum, Egypt.

Ross, Capt., tooth of Beluga.

Shepherd, Prof. F. J., M.D., skeleton of Beaver. Shepherd, Prof. F. J., M.D., skull of Esquimaux from Greenland.

Smith, Messrs., Papineau Road, additional bones of Beluga.

Warren, Mr. Edward, Pincher Creek, Alberta, skeleton of a prairie Gopher. Whittemore, Prof., Grand Rapids, Mich., calcite crystals from the carboniferous limestone, Michigan,

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McGill Aniversity, 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 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.

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 confronting on Mc-Tavish St., presented by J. H. R. Molson, Esq.,—\$42,500.

The Peter Redpath Library Bullding, the gift of Peter Redpath, Esq., and

THE PRIER REPPATH LIBRARY BUILDING, the gift of Peter Redpath, Esq., aunounced by him as a gift to the University in 1891, and formally opened Oct. 31st. 1893.

University Offices, Rooms in East Wing remodeled and furnished for office of Principal and Secretary and for a Board Room by W. C. McDonald, Esq., in 1895

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.

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, -\$20,000, and supplemented in 1891 with a further sum of \$20,000. Total \$40,000.

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. McDon-

ald, 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,

A Friend,-

Mrs Catherine Hill,-\$200. Total \$8 200. W. C. McDonald Physics Building Maintenance Fund, endowed by W. C. Mc-Donald, Esq., to be invested and interest used to meet the expense of Heating, Lighting, Insurance, salaries of Demonstrators, Mechanicians, caretaker, etc., cleaning and repairing building and general supplies of materials for the work and for instruction,-\$150,000.

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 John H. R. Molson, Esq. 50,000 William C. McDonald, Esq., 50,000

Total, \$150,000

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.

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ts, founded d with the T. M. THOMPSON, Esq., \$250 for two Exhibitions in September, 1871; \$200 for two Exhibitions in 1872, \$450.

Rev. Colin 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, 1893 and 1895, 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 in McGill College, endowed with the sum of \$7,000.

A Lady, to provide four free tuitions in the Faculty of Arts for sessions 1892-93 and 1893-94.

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 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 com-prise and include the works of Shakespeare and the Literature of England from his time to the time of Audison, 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. 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.

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 a 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. Livingtone, 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.

8. SUBSCRIPTIONS TO GENERAL ENDOWMENT.

1856.

1800		
John Gordon McKenzie, Esq\$2000	Forward \$23,	400
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, Esq 1000	Win. 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
	N. S. Whitney, Esq	600
	William Dow, Esq	600
		600
	William Watson, Esq	
	Edward Major, Esq	600
Donald Lorn McDougall, Esq 600	Hon. Charles Dewey Day	200
Hon. Sir John Rose	John R. Erdaile, Esq	200
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William Molson, Esq \$5000	Forward\$28	8.800
William C. McDonald, Esq 5000	Messrs. A Robertson	600
Thomas Workman, Esq 5000	Messrs. Sinclair, Jack & Co	250
	John Reddy M D	100
	John Reddy, M.D	
	Wm. Lunn, Esq	100
John McLennan, Esq 2000	Kenneth Campbell, Esq	100
B. Gibb, Esq 600 W Notman Esq 600	R. A. Ramsay, Esq	100
W. Notman, Esq 600	Wm. Rose, Esq	50
T. W. Ritchie, Esq 600	Matel 200	100
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G. A. Drummond, Esq 4000	O. S. Wood, Esq	1000
Geo. Hague, Esq	J. S. McLachlan, Esq	1000
M. H. Gault, Esq	J. B. Greenshields, Esq (London)	1000
Andrew Roberson, Esq 1000	Warden King, Esq	1000
Robertson Campbell, Esq 1000	W. B. Cumming, Esq	1000
Sir Jos. and Lady Hickson 1000	Mrs. Hew Ramsay	500
Mrs. Andrew Dow 1000	R. A. Ramsay, Esq	500
Alexander Murray, E-q 1000	H. H. Wood, £sq	500
Miss Orkney 1000	James Burnett, Esq	500
Hector McKenzie, Esq 1000	Charles Gibb, Esq	500
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Edward Mackay, Esq \$5000.

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		J. H. R. Molson, Esq		per annum,				5000
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	300	John Duncan, Esq	. 200					20
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	600	Robert Benny, Esq	100	,,				10
	600 •	Miss E. A. Ramsay	. 100					10
. 1	600	Hugh Paton, Esq		for 2 years,	being			10
	600	George Brush, Esq	. 25	for 5 years,	being			12
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		Hon. James Ferrier	500	" "		"		150
		Sir Joseph Hickson	500	"		"		150
		Hugh McLennan, Esq	250	"		"		75
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*	250 100 100 100 100 50 	John Molson, Esq. Samuel Finley, Esq. Mrs. Mackay, \$100 annually, 1889 10. FOR THE SUPPORT of Principal Dawson. Hon. Sir D. A. Smith. J. H. R. Molson, Esq. Mrs. J. H. R. Molson, Esq. Mrs. Redpath. Hugh McKay, Esq. Robert Moat, Esq. W. C. McDonald, Esq. Charles Gibt, Esq.	250 250 to 1893 OF THE \$500 250 100 100 100 100 100 100 50	CCHAIR OF per annum, f	BOTAl or 5 ye	Total NY, 19 ars, b	\$883–94 eing	\$25 12 55 55 55 55 55 55 55 55 55
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11. BOTANIC GARDEN, ETC. Subscriptions 1890-91. Forward..... \$100 100 Jonathan Hodgson, Esq..... Robert Mackay, Esq..... 100 James Slessor, Esq...... A friend
Hugh Graham, Esq....

A. F. Gault, Esq....
W. T. Costigan, Esq.... 100 25 100 100 Garth & Co..... Jonathan Brown, Esq Total..... \$1275 Forward...... \$900 To Erect Plant House in Botanic Garden. Hon. Sir Donald A. Smith....... \$362 00 \$1084 53 12. IN AID OF THE CHAIR OF HEBREW. Warden King, Esq..... in 1889 Principal Sir William Dawson. " \$50 per annum, 3 years, being. 11 44 " Hon. Hugh Mackay..... 50 150 25 75 *** 66 25 66 75 ••• 25 75 25 75 50 per annum for 3 years..... 50 25 75 25 ***** 25 J. Murphy, Esq..... Total..... \$1495 13. FOR MUSICAL INSTRUCTION IN THE DONALDA SPECIAL COURSE FOR WOMEN. Hon. Sir Donald A. Smith, session 1889-90..... 1890-91..... Total..... 14. TO PROVIDE SESSIONAL LECTURERS, ETC. Hon. Sir Donald A. Smith, 1891-92..... 1892-93 do 1893-94..... do 4000 1894-95 do 1895-96..... do 1891-92.... Mrs. John H. R. Molson, 300 1892-93..... do 1000 1893–94..... do 1894–95..... do 1895-96..... W. C. McDonald, Esq., to previde for certain salaries in the Department of Physics, etc., session 1894-95.....

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	15. MISCELLANEOUS.
. 1	Hugh McLennan, Esq., subscription (\$50 per annum) towards expense of table at the Biological Station, Wood's Holl, Mass., for McGill Professor of Botany (1896)
	J. J. Arnton bequest to McGill University (1895) \$250
ı	II. ENDOWMENTS AND SUBSCRIPTIONS FOR THE FACULTY OF APPLIED SCIENCE.
	I. BUILDINGS, CHAIRS, ETC.
ı	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 Chair of Mechanical 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. McDonald 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,—\$85,000.
	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 Pensicus 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 con memoration 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, 1893 and 1895, value £150 annually, each tenable for two years. THE DR. T. STERRY HUNT SCHOLARSHIP—founded by the will of the late Dr. T. Sterry Hunt, and endowed with the sum of \$2755, the income to be given and paid annually to a student or students of Chemistry.

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 Montage 1884. real in the year 1884. (See also under Medals and Prizes in Section I. 7.)

5. ENDOWMENTS AND SUBSCRIPTIONS FOR MAINTENANCE OF FACULTY OF APPLIED SCIENCE.

Endowment Fund.

Daniel Torrance, Esq	\$5000 1000 1000	Forward Graduates' Endowment Fund— Class 1890—\$70.00 a year for 5	\$7000
Charles J. Brydges, Esq		years, \$350; received to date.	85
Forward	\$7000	Total	\$7085
Annual	Subscrip	tions, 1871-1879.	
Hon James Ferrier (\$100 per an		Forward\$	13.850
Hon. James Ferrier (\$100 per annum, for 10 years)		H. McLennan, Esq. (\$100 per	10,000
Peter Redpath, Esq (\$400 per annum, for 10 years		annum, for 5 years)	500
John H. R. Molson, Esq. (\$400 per annum, for 10 years)		num, for 5 years)	500
George H. Frothingham, Esq. (\$400 per annum, for 7 years).	A Section	Joseph Hickson, Esq. (\$100 for	200-
T. Jas. Claxton, Esq. (\$100 per annum, for 6 years)	,	2 years) Principal Dawson (\$300 for 2	200
Donald Ross, Esq. (\$50 per annum, for 5 years)	250	His Excellency the Marquis of	600
Miss Mary Frothingham (\$100 per annum, for 3 years)	1200	Mrs. Redpath (Terrace Bank)	500 · 100
Forward	13,850	Total	16,450-
Towards Mainten	ance of	Engineering Department.	
W C McDoneld Esq. in 1891			10.000
do for adver	tising)		675
		eficiency, session 1893-4	10,000-
		alarics, session 1894-5	1,770
do in reducti	on of de	eficiency, session 1894-5	10,000
		Total	32,445
To provide lectures in	Mechan	ical and Sanitary Engineering.	
E. B. Greenshields, Esq	\$50	Forward	
J. E. Bovey, Esq	50	Jeffrey H. Burland, B.A.Sc., \$100	
Professor H. T. Bovey	61	2 years Smaller amounts	200-
Forward	\$161	110 x 10 200 300 1 22 00 10 10 10 10 10 10 10 10 10 10 10 10	

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Birks, He Bishop, G Blackwell Blake Mn

Total \$401

	Chair of Pract	ical Chemistry.
Graduating	Hon. C. Dunkin, M.P	
on of mem-	Principal Dawson	
and by gift	P. Redpath, Esq	226
ig in Mont.	Total	\$2,626
		•
	For Maintenance of Chair of Mining	g Engineering and Metallurgy, 1891.
CE OF	R. B. Angus, Esq \$2000	Forward \$4000 \$6200
CE OF	Mrs. Dow 1000	James Ross, Esq 600
	Hugh McLennan, Esq 1000	E. K. Greene, Esq 750
	Miss Benny 1000	Dr. T. Brainerd 750
	T. A. Dawes, Esq 750	A. F. Gault, Esq 750
	A. A. Ayer, Esq 250	Messrs. H. & A. Allan 750
\$7000	G. W. Reid, Esq 100	Hector Mckenzie, Esq 750
nd—	Evans Bros 100	Peter Lyall, Esq 750
for 5		A. Robertson, Esq 300
late. 85	Develop to develop	John Duncan, Esq 300
	Payable in three years.	Geo. Hague, Esq 300
\$7085-	Si- W- Daman 1000	Jonathan Hodgson, Esq 300
	Sir Wm. Dawson 1000	James Moore, Esq 200
	Alex. Stewart, Esq. (Lon-	Messrs Ames & Holden 150
	don, Eng.) 1500	James Cooper, Esq 150
\$13,850	R. C. Reid, Esq 1500	10,800
	Forward \$1000 \$6200	Total #17.000
per 500	Forward\$4000 \$6200	Total \$17,000
er an-		
500	Class Rooms for Faculty	of Applied Science, 1888.
for 2	John H. D. Walson, For #2000	I W C McDoneld For #2000
200-	John H. R Molson, Esq \$3000	
0 for	Total	\$6.000.
200		
for 2	Surveying and G	eodetic Apparatus.
600	W C McDonald For	1500
is of	w. C. McDonaid, Esq	1500
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ık) 100		
A10.450	6. LIST OF SUBSCRIBERS AND DO	NORS TO THE EQUIPMENT OF THE
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		이 집에 그렇게 그렇게 되었어요? 그는 사람들은 사람들이 되었다면 하는 것이 없는 것이 없다면 하는 것이 없다.
	MAI	, 1896.
	Abbott, W Equipment	Blake Pump Co., The Geo. (New York
\$10,000	American Rail Joint Co (Cleveland,	& Boston)Pump
675	Ohio)Specimens of Rail Joint	Bovey, Prof H. T Books
10,000-	American Steam Gauge Co. (Boston)	Bremner, A \$50
1,770	Indicator.	British Columbian Mills, Timber and
10,000	Archibald, H Books	Trading Company, Timber Beams of
	Ashton Valve Co. (Boston).	large Scantling for Testing Labor
\$32,445	Sectional Valve	atory
	Bertram & Sons, J. (Dundas).	Brockhaus, HerrBooks
	24in. Planer	Brodie & Harvey \$50
g.	Birch & Co. J. (England)	Brush, GBoiler
\$161	Hydrautic Tubes	Campbell Tile Co. (England), per
\$100	Birks, HenryClock	Jordan & Locker Equipment
200-	Bishop, GeorgeEquipment	Campbell, Kenneth\$50
40	Blackwell, Kennet Equipment	Canadian General Electric Co
<u> </u>	Blake Mnfg. Co., The Geo. F	(Toronto), per F. Nichols. Equipment
\$401	Blue Prints of Pump	, and a second
		•

Canadian General Electric Co	Hearn & Harrison, per L. Harrison, Barometer & Clock Hersey, R
Electric Drill, Edison Generator	Barometer & Clock
Canadian Government	Hersey, R \$1200
Collection of Canadian Timber	Hodgson, Jonathan \$200
Canadian Pacific Railway Co.,	Holden, A Equipment
Timber for Testing, Timber Beams	Hughes & Stephenson Equipment
of large Scantling for Testing	Hutton, W. H Equipment
Laboratory, Photographs	Irwin & Hopper Equipment
Carsley, S \$100	Ives, J. R Cupola
Carsley, S \$100 Carus-Wilson. Prof. C. A Equipment	Joyce, Alfred \$50
Cary, A. A Photographs of Boilers	Jordan & Locker Equipment
Chadwick, FTruss Models	Kennedy, John Equipment
Chanteloup E \$50	Timber Beams of large Scantling for
Claxton, L. J Timber Beams of large	Testing Laboratory
Scantling for Testing Laboratory	Kennedy, W. & Sons
Costigan, J Equipment	Kennedy, W. (Owen Sound)Pump
Cowper, P. H	American Turbine
Model of Steam Engine	Kerr, R. & W Tools
Crocker-Wheeler Electric Motor Co.,	King & Son, Warden \$534
The (New York) Motor	Laughlin-Hough Drawing Table Co.,
Crosby Steam Gauge and Valve Co.,	Drawing Tables
(Boston)Gauge and Valve,	Laurie & Bro, J Compound Engine
Indicator and Valves	Lawson, A. JEquipment
Darling, Brown & Sharpe (Providence,	Lindsay & Co., C. FEquipment
R. I.) 6 in. Rule	Lovell & Son, JohnBooks
Date, John Equipment	Lyster, A. G Drawings and
Dawson, W. B Iron Rail showing	Sketches of London and Liverpool
effect of long immersion in water	Docks.
Dominion Wire Mantg Co., per F.	Macpherson, A Tools
Fairman Shaper	Mason, DrEquipment
Drysdale, D Tools	Maxwell & Co., E. J Equipment
Drysdale, W Tools	McCarthy, D. & J. (Sorel) \$300
Earle, S. R Air Injector	McDonald, W. C Experimental
Edison General Electric Co., The	Pump, Ewing's Hysteresis Testing
Two 450 light dynamos, Brake Shoe	Apparatus, Piano, Centrifugal
and Disc	Pump, Experimental Boiler, Equip
Egleston, Dr. (New York), Framed	ment
Photograph of the Moon, Books	McDougall, Mrs. J\$4000
Electric Welding Company, (Boston)	McLachlin Bros. (Arnprior)
Equipment	Timber for Testing
Eureka Tempered Copper, Co.,	McLaren, D
Equipment	McLaughlin Bros Timber
Ewan, A \$100	Beams of large Scantling for Test-
Felton & Guilleaume	McNally & Co., W \$100
Samples of Cable Wire, etc	McPherson Sand Box Co. (Troy, N. Y.)
Forsyth, R Equipment Frothingham & Workman Tools	Model of Sand Box
Furlance C W P A So Speci-	Miller Bros & Sons Elevator
Furlong, G. W., B. A. ScSpeci-	Mitchell, PEquipment (\$300)
mens of Pine and Wood bored by	Mitchell & Co., R Equipment
Teredos Gardner & Son., R. W 16 in. Lathe	Naismith, P. L., B. A. ScSpeci-
Gardner, R Equipment	mens of Cast-Iron showing effect of
Garth & Co \$500	mine water
Garth & Co,	Nalder Bros & Co (England)
Government of New South Wales	Standard Cell
Collection of Australian Timbers	National Electric Mfg. Co
Gower W. E	100 volt. Transformer, Transformers
Graham, H \$100	Nicholson, Peter \$100
Grier, G. AEquipment	Norton Emery Wheel Co. The
Gurney & Co., E. & C \$604	(Worcester, U.S)Equipment
Hadfield, Messrs. (Sheffield)	Notman, Wm Photographs
Equipment	Ogilvie, W \$500
-quipment	1 -0 /

Palmer, Parker, Paton, I Peckhan (King

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Robertson Rogers, Pr

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Equipment	(Kingston, N.Y.)
Equipment	Model of Motor Truck
Equipment	Pelton Water Wheel Co., The (New
Equipment	TOTA J WO MOTORS
Cupola	Pennsylvania Railroad Co Work
\$50	¹⁰ g Drawings of Locomotives (32)
Equipment	Fillow, J. A \$250
Equipment	Pratt & Whitney (Hartford, Conn)
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, and the same of	Prowse, G. R Equipment
	Queensland Government per Sir
d)Pump	Thomas McIlwraith
an Turbine	Collection of Timbers
Tools	Radiator Co., (Toronto) \$500
\$534	Ramsay & Son, A \$100
Table Co.,	Rathbun, E. W \$112
	Reddaway & Co, F
and Engine	Belt (valve\$50)
Equipment	Redpath, F. R Equipment
Equipment	Redpath, Mrs \$100
Books	Reed, G. W \$100
awings and	Reford, R \$1000
d Liverpool	Reid, R Equipment
	Reid, R. G \$1000
Tools	Renouf, E. M Books
Equipment	Rhode Island Locomotive Works
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Centrifugal	Robb & Armstrong
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	Robertson, J
\$4000	Rogers, Professor (Waterville, Maine
)	Equipment
for Testing	Ross, James \$500
\$100	Rodden, W Equipment
Timber	Royal Electric Co., The
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2100	Rutherford, W Equipment
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Seeley, JohnInsulators Schaeffer & Budenbery (Brooklyn N.Y.)
Schooffer & Rudenherr (Brooklyn N.Y.)
Double Indicator
Saladas B
Scholes, F \$100 Scovill Mfg. Co Equipment
Scovill Mrg. Co Equipment
Sharp, Stewart & Co. (Manchester,
Eng) Equipment
Shearer, James \$200
Sheppard, Chas \$200
Siemens Bros. (London, Eng)
Cable Samples
Smith C B
Framed Photos of Bridges (2) Smith, R Equipment
Smith REquipment
Smith R Guilford BOOKS
Spence I P C E Specifica-
Spence, J. P., C. ESpecifica- tions and Drawings showing con-
struction of Sault Ste. Marie Canal
Locks
Steel Uo. of Scotland, The
Samples of Cable Wire, etc
St. George, P. WModels
St. George, P. W
Sectional Blue Prints of Boilers
Sturtevant Co., The B. F. (Boston)
Swan Lamp Mfg. Co
Taylor, A. T\$300
Tees & Co Equipment
Thomson-Houston Co., The (Boston)
Incandescent dynamos
Twyford & Co Equipment
Walker & Co James
Wanklyn, F. L
Ward Han I K \$50
Warrington Wire Co
Cable Samples
Whitein Machine Co. The (Boston)
Whittier Machine Co, The (Boston)
Electric Elevator
Wiley & Sons, John (New York). Books
Yale & Towne Mrg. Co. (Stamford,
Conn) Equipment
Yale & Towne Mfg. Co. (Stamford, Conn) Equipment Yates & Thom
Blue Prints of Machinery
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SCIENCE LIBRARY ENDOWMENT.

Hugh Paton \$	25	Forward	600
A. Joyce	25	W. Rodden	25
P. Gardner	50	M. Parker	25
H. Garth	100	Robin & Sadler	50
Hughes & Stephenson	100	J. Robertson, Esq	50
R. Mitchell	300	Mrs. John McDougall	20
Forward §	8600	Total	\$770

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.

jeurs by the late beam, George "	· oump	0011, 11121, 1112121	
Mrs. G. W. Campbell\$	2000	Forward \$4	0,000
H. A. Allan, Esq	1500	D. C. MacCallum, M.D	5 0 0
Hon. Sir D. A. Smith	1500	Messrs. McLachlan Bros	500
Sir George Stephen, Bart	1000	Messrs. S. Greenshields, Son & Co.	500
R. B. Angus, Esq	1000	Jonathan Hodgson, Esq	500
George A. Drummond, Esq	1000	Duncan McEachran, Esq., F. R.	
Alex. Murray, Esq	1000	C. V. S	500
Robert Moat, Esq	1000	George Ross, M.D	500
W. C. McDonald, Esq	1000	T. G. Roddick, M.D	500
A Friend	1000	Wm. Gardner, M.D	500
Duncan McIntyre, Esq	1000	G. P. Girdwood, M.D	500
Alex. Buntin, Esq	1000	G. E. Fenwick, M.D	500
A. F. Gault, Esq	1000	Alex. Ramsay, Esq	500
M. H. Gault, Esq	1000	Messrs. Cochrane, Cassils & Co.	500
G. W. Stephens Esq	1000	Sir Joseph Hickson	500
James Benning, Esq	1000	Allan Gilmour, Esq., Ottawa	500
R. P. Howard, M.D	1000	R. W. Shepherd, Esq	500
Frank Buller, M.D	1000	Miles Williams, Esq	300
G. B. & J. H. Burland, Esqs	1000	Charles F. Smithers, Esq	250
Miss Elizabeth C. Benny	1000	John Kerry, Esq	250
J. C. Wilson, Esq	1000	A. Baumgarten, Esq	250
Mrs. John Redpath	1000	R. W. Elmenhorst, Esq	250
Hon. John Hamilton	1000	W. F. Lewis, Esq	250
Miss Orkney	1000	George Armstrong, Esq	250
Hugh Mackay, Esq	1900	J. M. Douglas, Esq	250
Hector McKenzie, Esq	1000	Messrs. H. Lyman, Sons & Co	250
Thomas Workman, Esq	1000	William Osler, M. D	250
Hugh McLennan, Esq	1000	F. J. Shepherd, M.D	250
O. S. Wood, Esq	1000	Benj. Dawson, Esq	200
James Burnett, Esq	500	R. Wolff, Esq	150
Andrew Robertson, Esq	500	James Stuart, M.D	150
Robert McKay, Esq	500	A. T. Paterson, Esq	100
John Hope, Esq	500	H. W. Thornton, M.D. (New	
Alex. Urquhart, Esq	500	Richmond, Q)	100
E. K. & G. A. Greene, Esqrs	500	M. E. David, Esq	100
R. A. Smith, Esq	500	C. B. Harvey, M.D. (Yale, B.C.).	100
George Hague, Esq	500	D. Cluness, M.D. (Nanaimo, B.C.)	100
J. K. Ward, Esq	500	W. Kinlock, Esq	100
Warden King, Esq	500	Hua & Rickardson	100
John Stirling, Esq	5.00	Mrs. Cuthbert (N. Richmond, Q.)	100
John Rankin, Esq	500	J. M. Drake, M. D	100
Messrs. Cantlie, Ewan & Co	50 0	Hugh Patton, Esq	100
Robert Reford. Esq	500	R. T. Gocfrey, M.D	100
Messrs. J. & W. Ogilvie	500	T. A. Rodger, M.D	100
Randolph Hersey, Esq	500	W. A. Dyer, Esq	100
John A. Pillow, Esq	500	George Wood, M.D (Faribault,	
S. Carsley, Esq	500	Minn.)	100
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ID OF	Forward\$52,290 A. A. Browne, M,D	J. H. McBean, M.D
	George Wilkins, M.D 100	J. C. Rattray, M.D. (Cobden, O.) 10
	R. L. McDonnell, M.D 100	E. H. Howard, M.D. (Lachine) 10
	Joseph Workman, M.D. (Toronto) 50	J. W. Oliver, M.D. (Clifton, O.) 10
A 50 000	Hon. Sir A. T. Galt 50	D. A. McDougall, M.D. (Ottawa,
\$50,000	Henry Lunam, B. A., M. D.	0.) 10
	(Campbellton, N.B.) 50	A. Poussette, M.D. (Sarnia, O.) 10
	R. J. B. Howard, M.D 25	A. Ruttan, M.D. (Napanee, O.) 10
during 40	T. J. Alloway, M.D 25	Jas. Gunn, M.D. (Durham, O.) 10
during 10	Louis T. Marceau, M.D. (Napier-	J. McDiarmid, M.D. (Hensall, O.) 5
	ville, Q.) 25	W. J. Derby, M.D. (Rockland, O.) 5
\$40,000	Griffith Evans, M.D. (Vet. Dept.	J. Gillies, M.D. (Teeswater, O.) 5
500	J. J. Farley, M.D. (Belleville) 25	J. B. Benson, M.D. (Chatham, N.B.)
500	Henry R. Gray, Esq	N.B.)
& Co. 500	J. E. Brouse, M.D. (Prescott) 20	Q.) 5
500	R. F. Rinfret (Quebec) 20	J. A. McArthur, M.D. (Fort
F. R.	Robt. Howard, M.D. (St. Johns) 20	Elgin, O) 5
500	Drs. J & D. J. McIntosh (Vank-	John Campbell, M.D. (Seaforth,
500	leek Hill) 20	0.) 5
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500	Forward \$52,880	Total\$53,000
500		•
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& Co. 500		CHAIDS PAC
500	3. ENDOWED	CHAIRS, ETC.
wa 500		
500	Sir Donald A. Smith, Chair of Pathology	in the Faculty of Medicine, en-
300	dowed in 1893 by the Hon. Sir Dona	ld A. Smith with the sum of \$50,000
250	Sir Donald A. Smith, Department of Hy	giene in the Faculty of Medicine,
250	endowed in 1893 by the Hon. Sir D.	
250	MRS. MARY DOW BEQUEST—Bequest by t	
250	for the Faculty of Medicine, 1893, \$1	
250	per cent	9,000
250	JOHN H. R. MOLSON DONATION—Donation	
250	Faculty of Medicine of McGill Uni of land, and \$35,000 for additional	
Co 250 250	WALTER DRAKE, Esq., for benefit of Cha	air of Physiology, interest annu-
0.50	ally on \$10,000, session 1891 to 1892	
250	Dr. Robert Craik Fund—	
150	MRS JOHN McDougall, towar	d formation of1,000 /
150	JANE F. LEARMONT, bequest	do 3,000 \\ \do \ \do \do
100		
(New		
100	, MEDATO AND	SCHOL ADSERTS
100	4. MEDALS AND	SCHOLARSHIPS.
B.C). 100		
), B.C.) 100	In 1865 the "Holmes Gold Medal" wa	as founded by the Faculty of Medicine as
100	a memorial of the late Andrew Hol	mes, Esq., M.D., LL.D., late Dean of the
100	Faculty of Medicine, to be given to	the best student in the graduating class
nd, Q.) 100		special examination in all the branches,
100	whether Primary or Final.	v
100	In 1878 the "Sutherland Gold Medal"	was founded by Mrs. Sutherland of Mon-
100		nd, Prof. William Satherland, M.D., for
100		retical and Practical Chemistry in the
ibault,		creditable standing in the Primary Ex-
100	aminations	a subject of Institutes of Medicina in the
	Faculty of Medicine founded in 189	e subject of Institutes of Medicine, in the 31—value, \$100. (Terminated in 1883.)
\$52,000	Pacinty of Medicine—Tounded in 186	(Let minated in 1865.)

5. LIBRARY, MUSEUM AND APPARATUS.

For the fittings of the	Library and .	Museum of the	Faculty of	Medicine,	1872.
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G. W. Campbell, A.M., M.D	Forward \$2,000 Robert Craik, M.D 200 Geo. E. Fenwick, M.D 200 Joseph M. Drake, M.D 200 Geo. Ross, M.A , M.D 50
Forward \$2000	Total\$2,650
The Professors and Lecturers in the Summer Sessions of the Faculty of Medicine	onation to Apparatus, Museum, Library, etc., of the Medical Faculty, 1887, \$1,182; 1888, \$1,023.
For Physiological Laboratory	of Faculty of Medicine, 1879.
	Forward \$700 Dr. Ross 50 Dr. Roddick 50 Dr. Buller 50 Dr. Gardner 50 Dr. Osler 50 Total \$950 rical Collections.
6 MISCE	LLANEOUS.
o. Albori	JUAN BOUS.

IV. ENDOWMENTS AND SUBSCRIPTIONS FOR THE FACULTY OF LAW.

Anonymous Donor toward Expenses of Pathology for Session 1892-3..... \$500

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 Honorable Mr Justice Gale,—\$25,000.

THE WILLIAM C. McDonald Faculty of Law Endowment, founded by William C.

McDonald, Esq. (1890)—\$150,000.

W. C. McDonald, Esq., remodeling part of East Wing, for Class Rooms, Lecture Rooms, etc., for Law Faculty in 1895.

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.

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V. LIBRARY, MUSEUM AND APPARATUS.

1. SPECIAL COLLECTIONS OF BOOKS PRESENTED TO THE LI	LIBRARY.
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1.	The Peter	Redpath Collection	of Historical	Books,	presented	by Péter	Red-
		of Montreal, 3,500					

- The Robson Collection of works in Archæology and General Literature, presented by Dr. John Robson, of Warrington, England, 3436 Volumes.
 The Charles Alexander Collection of Classical Works, presented by C. Alexander, Esq., of Montreal, 221 Volumes.
 Frederick Griffin, Esq., Q.C., Collection of Books, being the whole of his Library, bequeathed by his will, 2695 Volumes.
 The Hor. Mr. Lustice Maskey collection of Books, being the whole of his

- The Hon. Mr. Justice Mackay, collection of Books, being the whole of his Library, 2007 Volumes.

 The "T. D. King Shakespeare Collection," presented by the Hcn. Sir Donald A. Smith and W. C. McDonald, Esq., of Montreal, being 214 Volumes.

2. ENPOWMENTS, ETC., TO LIBRARY.

Hon. F. W. Torrance, for Endow-	Forward \$6,000
ment of Mental and Moral Philosophy Book Fund	A friend, by the Hon, F. W. Torrance
Mrs. Redpath, for the Endowment of the Wm. Wood Redpath	Hugh S. McLennan, Library Endowment, a gift from Estate
Library Fund 1,000	late Hugh S. McLennan to the
Wm. Molson, Esq., for Endowment of a Library Fund 4,000	Library of McGill College, the income to be applied to binding
Forward \$6,000	Total\$6,650

3. SUBSCRIPTIONS, ETC., TO LIBRARY.

	aron ro manualt.
John Thorburn, for purchase of Books	Forward \$1,199 Hon. Sir Donald A. Smith, for purchase of books from the R. W. Boodle Library 200
The Graduates in Arts and Applied Science of 1885 for purchase of Books	Ottawa Valley Graduates' Society, for binding books in the University Library
Do of 1886	Peter Redpath, Esq., in aid of the new catalogue of the Library (1892) 500
Andrew Drummond, Esq., to Library Fund of Faculty of Applied Science	Miss Elizabeth Binmore, M.A., for the purchase of Botanical Books
Forward\$1,199	nance of Library for 2 years 10,000
	Total \$ 11 939

4. SPECIAL COLLECTIONS PRESENTED TO THE MUSEUM.

- The Holmes Herbarium, presented by the late Andrew F. Holmes, M.D.
 The Carpenter Collections of Shells, presented by the late P. P. Carpenter,
- The collection of Casts of Ivory Carvings issued by the Arundel Society, presented by Henry Chapman, Esq.
 The McCulloch Collection of Birds and Mammals, collected by the late Dr.

- M. McCulloch, of Montreal, and presented by his heirs.
 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.
 The Dawson Collection in Geology and Palæontology, being the Private Collections of Principal Dawson, presented by him to the Museum.

	he Library and Museum," printed a	ondon, l	and J. H. Burland, Esq. 8. R. Morton Middleton, jr., L
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onald, Esq., VI. SUBSCRIPTIONS FOR SPECIAL OBJECTS. nted annu-1. FOR A BUILDING FOR THE CARPENTER COLLECTION OF SHELLS. 1868. Peter Redpath, Esq..... \$ 500 Forward\$2000 William Molson, Esq..... Geo. H. Frothingham, Esq...... 500 100 Harrison Stephen, Esq..... Robert J. Reekie, Esq..... Wm. Dow, Esq Thos. Rimmer, Esq Andrew Robertson, Esq 100 100 100 100\$15,483 John H. R. Molson, Esq..... 100 100 enses Mrs. Redpath..... Sir Wm. E. Logan, Esq., F.R.S. 100 100 John Molson, Esq., M. P..... Benaiah Gibb, Esq...... Honorable John Rose..... 7000 100 f spe-100 50 4300 chase Forward\$1600 Total \$2,200 East-50 for 2. FOR THE ERECTION OF THE LODGE AND GATES. leton 150 William Molson, Esq..... Forward..... John Frothingham, Esq...... James A. Mathewson, Esq...... 100 100 \$26,983 100 100 100 100 100 100 James Linton, Esq....... William McDougall, Esq...... 160 100 ncement of 100 Faculties of Charles J. Brydges, Esq....... George A. Drummond, Esq..... 100 John Smith, Esq...... 100 sociation in 100 Charles Alexander, Esq..... 100 \$1500 Thomas Rimmer, Esq..... J. Evans, Esq 100 William Dow, Esq..... Henry Lyman, Esq...... 100 100 Forward \$1,100 Total.....\$2,100\$ 4917 Dr. 50 3. FOUNDER'S TOMB. 50 same a for R. A. Ramsay, M.A., B.C.L., to defray the expenses of re-erecting the tomb 50 ence. of the late Hon, James McGill..... \$150 the rican 1 4. UNIVERSITY PORTRAITS AND BUSTS. iliof 475 Portrait of the Founder, presented by the late Thomas Blackwood, Esq. lty j Portrait of William Molson, Esq., presented to the University. Bust of William Molson, Esq., by Marshall Wood, presented by Graduates of the par-University. 10 Portrait of Peter Redpath, Esq., painted by Sydney Hodges, presented by Citiiemizens of Montreal Portrait of Rev. Dr. Leach, by Wyatt Eaton, presented by Friends and Gradu-400 ery ... ates of the University. ings Portrait of Sir William Dawson, by Wyatt Eaton, presented by Friends and 2075 tory Graduates of the University. Portrait of Hon. James Ferrier, by Robert Harris, presented by Friends and icro-Graduates of the University. Portrait of Dr. William Robertson, founder of the Medical Faculty, presented in ppliloving remembrance by his family and descendants. ecial Bust of Peter Redpath, Esq., by Reynolds Stephens, presented by Mr. Redpath's 100

personal friends in England.

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5. ENDOWMENT, HELD IN TRUST BY THE BOARD OF ROYAL INSTITU-

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 Prizes 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 pro"ceeds 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 \$3,120; 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, Francis Topp, B.A., B.C.L. 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.

Alphabetically arranged.

Abbett II P.C.C	co	Trman II II M A	100
Abbott, H., B.C.L\$	60	Lyman, H. H., M.A	-
Archibald, H., B.A.Sc	20	Lyman, A. C., M.A., B.C.L	50
Bethune, M. B., 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
Cruickshank, W. G., B.C.L	100	McGoun, A., jun., M.A., B.C.L.	50
Dawson, W. B., M.A., Ma.E	58	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	150	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